Geological and Geochemical

Assessment Report

of the

NOBLE 1-12 CLAIMS

Kamloops Mining Division

N.T.S. 82M/12W

Latitude: 51° 36' N Longitude: 119° 47' W

Owned By: Placer Dome Inc., and Denison Mines Ltd.

Operated By: Placer Dome Inc.

Lorne Warner
Geologist

April 1990

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1.0 INTRODUCTION

The main objective of the 1989 field program was to conduct geological, geochemical and geophysical surveys over most of the Noble claim area. The purpose of these surveys was to locate and define additional strataform polymetalic massive sulphide and structurally controlled gold occurrences.

In order to complete the main objective, two new grids, McCorvie and Southern Reconnaissance, as well as fill-in lines on the original SSR (Sunrise, Snow, and Redtop Showings) grid were established. A key map is present on all grid maps (Figures 4 - 38) which shows the location of all grids with respect to each other.

This report covers the results and interpretation of the 1989 geological and geochemical field work on the Noble.

Results and interpretation of 1989 geophysical surveys are covered in a separate report titled "Geophysical Survey Report on the Noble 1-12 claims by Richard Cannon, October, 1989"

2.0 SUMMARY

Petrographic studies as well as new geochemical and geophysical anomalies indicate the SSR Grid to exhibit good potential for hosting additional poly-metallic massive sulphide lenses. Magnetometer survey data suggests that a gold-arsenic soil anomaly, is related to shears which were formed by the emplacement of the Raft Batholith.

The McCorvie Grid was established in 1989 with the objective of locating gold mineralization related to a quartz-carbonate alteration zone. Geological mapping as well as soil sampling, magnetometer, and induced polarization surveys were completed with poor results. No further work is recommended.

The Southern Reconnaissance Grid was also established in 1989 with soil sampling and geological mapping surveys completed over the entire grid area. The results were disappointing and no further work is warranted at this point in time.

3.0 RECOMMENDATIONS

It is recommended that:

(i) Four diamond drill holes approximately 150 metres in length be completed around the Sunrise Showing in order to test two massive sulphide horizons.

(ii) Approximately nine diamond drill holes be completed over lead/silver soil/induced polarization anomalies situated on the

SSR Grid. The program would consist of fence pattern drilling in order to test the lateral and down-dip potential of the massive sulphide stratigraphy. An average depth of 75 metres/hole is anticipated with much of the drilling occurring in swampy areas.

(iii) Limited hand trenching be initiated over gold soil anomalies located near line 9700E/4500N.

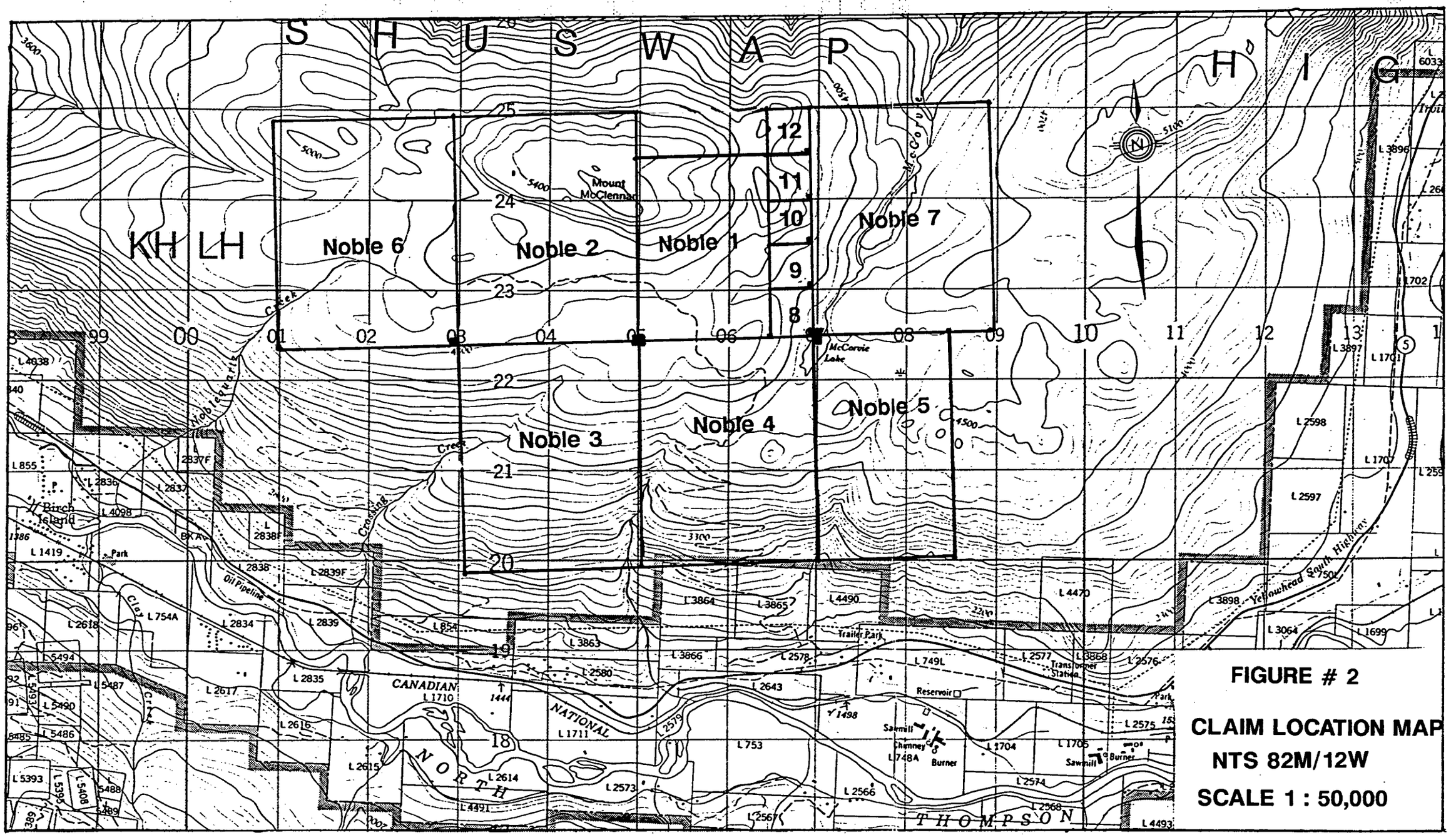
(iv) If trenching of gold soil anomalies on line 9700E is successful, one or two diamond drill holes should also be completed while the drill is still on the property.

4.0 DESCRIPTION OF PROPERTY

4.1 Location of Property

The Noble 1-12 mineral claims are located in the south central interior of British Columbia in the Kamloops Mining District. The property is centered at Latitude 51^{0} 38' North Longitude 119^{0} 48' West in N.T.S. area 82 M/12 West. The claims lie approximately 8.0 kilometers on a bearing of 065 degrees from the Village of Birch Island (Figure #1.)


YUKON
N.W.T.
Carmacks
WHITEHORSE
Fort Nelson
BRITISH
COLUMBIA
ALBERTA
Dawson Creek
Prince Rupert
QUEEN
CHARLOTTE
ISLANDS
Prince George
EDMONTON
Williams
Lake
NOBLE
PACIFIC
Merritt
VANCOUVER
ISLAND
VANCOUVER
OCEAN
VICTORIA
FIG. 1
PLACER DOME INC.
NOBLE CLAIMS
LOCATION MAP
100 0 100 200
MILES


S H U S W A P
H' I G
KH LH
Noble 6
Noble 2
Noble 1
Noble 7
Noble 3
Noble 4
Noble 5
Mount McClennan
McCarvie Lake
Birch Island Park
Trailer Park
Reservoir
Sawmill
Transformer Station
Yellowhead South Highway
Oil Pipeline
CANADIAN NATIONAL
NORTH
THOMPSON
FIGURE # 2
CLAIM LOCATION MAP
NTS 82M/12W
SCALE 1 : 50,000

4.2 Access

The claims are readily accessible by two-wheel drive pick-up via the McCorvie Lake forestry road from Highway 16. Logging activity and numerous switch-backs require that each truck contain a two-way radio with the logging company's frequency.

4.3 Physiography

The claims lie on the south slope of Mount McClennan with the relief ranging from 760 to 1675 metres above sea level. The morphology is geologically controlled and consists of a limestone cliff which dips steeply to the south towards a large bench at the 1460-1520 metre elevation. The morphology then dips moderately southward to the valley bottom. Mature spruce and fir cover most of the area, with the exception of small depressions on the large bench, which contain small ponds and swamps. Overburden is generally less than one meter, except in swampy areas where it is known to be over three meters in thickness.

4.4 Property Status

The property consists of the Noble 1-12 mineral claims, totalling 132 units (Figure 2). The claim schedule is located in Table 1. The indicated expiry dates take into account the 1989 work program outlined in this report.

TABLE 1

NAME	UNITS	RECORD NO.	EXPIRY DATE
Noble 1	12	4388	March 30, 2000
Noble 2	20	4389	March 30, 2000
Noble 3	20	4390	March 30, 2000
Noble 4	20	4391	March 30, 2000
Noble 5	15	4392	March 30, 2000
Noble 6	20	4561	June 27, 2000
Noble 7	20	7954	August 10, 2000
Noble 8	1	7986	September 1, 2000
Noble 9	1	7987	September 1, 2000
Noble 10	1	7988	September 1, 2000
Noble 11	1	7989	September 1, 2000
Noble 12	1	7990	September 1, 2000

These claims are currently owned by Placer Dome Inc. (80%) and Denison Mines Ltd. (20%). Placer Dome Inc. is the operator.

5.0 PREVIOUS WORK

5.1 Work Done By Others

The Redtop, Snow and Sunrise showings were first located and hand-trenched in the 1920's. It was not until the 1940's that the first holes were drilled (Assessment Report 6931). H.C.B. Leitch in 1960 (Assessment Report 436) examined the showings, and Crowpat Minerals Ltd. in 1966 acquired the ground, and drilled three holes totalling 459 meters. Calbay Mining Corporation Ltd., in 1969, staked the same ground, as did Crowpat, and proceeded in doing considerable trenching as well as drilling five holes for a total of 371 meters.

Kerr, Dawson and Associates Ltd. staked the Nimsic Claim Group on Mount McClennan in 1975 and examined the Snow and Sunrise Showings and described the mineralization as being of an exhalative nature (Assessment Report 5813). Castlemaine Explorations Ltd. acquired the Nimsic property in 1976 from Kerr, Dawson and optioned it to Canadian Nickel Co. Ltd.

Canadian Nickel Co. Ltd. established a 98.75 kilometre grid in 1976 and completed a surface exploration program of geological mapping, soil sampling, and a magnetometer survey over the entire grid in 1977 (Assessment Report 6603). A limited VLF-EM survey was conducted over part of the grid at that time; the results of this survey are reported in Assessment Report 6603. Craigmont Mines Ltd. optioned the ground from Canadian Nickel Co. Ltd. in 1978 and performed further geophysical surveys and drilled five holes totalling 383 meters (Assessment Report 6931). The claims were allowed to lapse and the ground remained open until 1983 when Placer Dome Inc. staked the area.

5.2 Work Done By Placer Dome Inc. 1983 - 1988

The Noble 1-6 claims were staked by Placer Dome Inc. in 1983. These claims were staked to cover the lead-zinc-silver minor copper-gold (Redtop, Snow and Sunrise) mineral prospects, as well as two lead-silver (Bearsden and Tinkirk) showings, and a gold occurrence (Morrison) thought to be near McCorvie Lake.

In 1983 Placer Dome Inc. examined and assessed the Redtop, Snow and Sunrise workings. The extent of work includes 27 kilometres of grid, with VLF-EM and magnetometer surveys. A total of 300 soil samples were also collected. As well, a 3.4 kilometre grid was constructed over the probable site of the Morrison Au showing. A VLF (EM-16) survey was initiated and 71 soil samples were taken. The showing was not located. Bulk silt sediment samples were also collected on Peavine Creek at 61 metre intervals between the 792 and 1311 metre contours.

During 1984, Placer Dome Inc. gathered 29.5 kilometres of ground magnetometer and VLF (EM-16) data. A limited Crome CEM (shootback

EM) survey was performed with the hope that the CEM would better discriminate the massive sulphide showings than the VLF (EM-16) instrumentation.

A limited field program was designed in 1985 to locate the source of mineralization in Peavine Creek. The program consisted of geological mapping, rock and soil sampling. During 1986 a field program was created to determine the significance of the Peavine Creek mineral occurrence, and to evaluate the Tinkirk showing. The 1986 program entailed refinement of the geological mapping and soil sampling, as well as detailed magnetometer and VLF ground surveys. Silt sampling was also initiated in the adjoining drainages to the west and an examination of the Tinkirk mineral prospect was completed.

The results of the above mentioned Placer Dome programs are described in Assessment Report numbers 12080 and 13463.

Starting in May, 1988, a University of Toronto Electro-Magnetic Survey or U.T.E.M. was conducted over the entire SSR Grid to search for massive sulphides at depth. Geological mapping and rock sampling of the grid with detailed mapping and sampling of known mineral occurrences began in mid-June and continued into July. Regional traverses of the Noble claims during this time period discovered a sulphide replacement zone approximately 1.8 kilometres east of the Sunrise Showing.

Also in July, a detailed soil sampling survey was initiated in selective areas to relocate known, yet untested geochemical anomalies from previous surveys conducted by various mining companies. Continuing in late-July to early-August, 25 units were staked to cover the newly-discovered sulphide replacement zone. An additional 20 kilometres of grid was constructed with soil sampling and magnetometer surveys.

In late September, 953 metres of NQW diamond drilling were completed in four holes. All drill holes, except 88DD001 were intended to determine the stratigraphic continuity and thickness of felsic schists between the showings. Surface as well as downhole induced polarization surveys were completed in early November. The ground survey covered the area from the Snow to the Sunrise Showing.

6.0 WORK DONE BY PLACER DOME INC. 1989

Field work began on the Noble Project on May 12, 1989 and was completed on July 10, 1989. Within this time frame two new grids, the McCorvie and Southern Reconnaissance Grids were constructed, soil sampled, and geologically mapped. Fill-in lines were also constructed on the SSR grid and soil sampled. A total of 3233 soils and 66 rocks were collected and analyzed for copper, lead, zinc, silver, gold $\pm$ arsenic and mercury. In addition, 11 rock samples were submitted for thin section and 71.85 kilometers of grid line was established.

7.0 GEOLOGY

7.1 Regional Geology

The geology of the Noble claims consists of metavolcanic and metasedimentary rocks of the Eagle Bay Formation. These rocks are bounded by the Cretaceous Raft and Baldy Intrusives to the north and south respectively. The Eagle Bay Formation is flanked to the west by Devonian-Triassic volcanic and sedimentary rock units of the Fennell Formation. To the east, the Eagle Bay Formation is bounded by the Archean Shuswap Metamorphic Complex.

Figure 3 is a generalized geological map of the Vavenby area, 1:150,000 scale (by Paul Schiarizza; British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1985, Paper 1986-1). The geology within this map area contains metavolcanic and metasedimentary rocks of the Eagle Bay Formation (subdivided into 8 units) and adjacent rocks. These rocks are listed in the Legend on the following page:

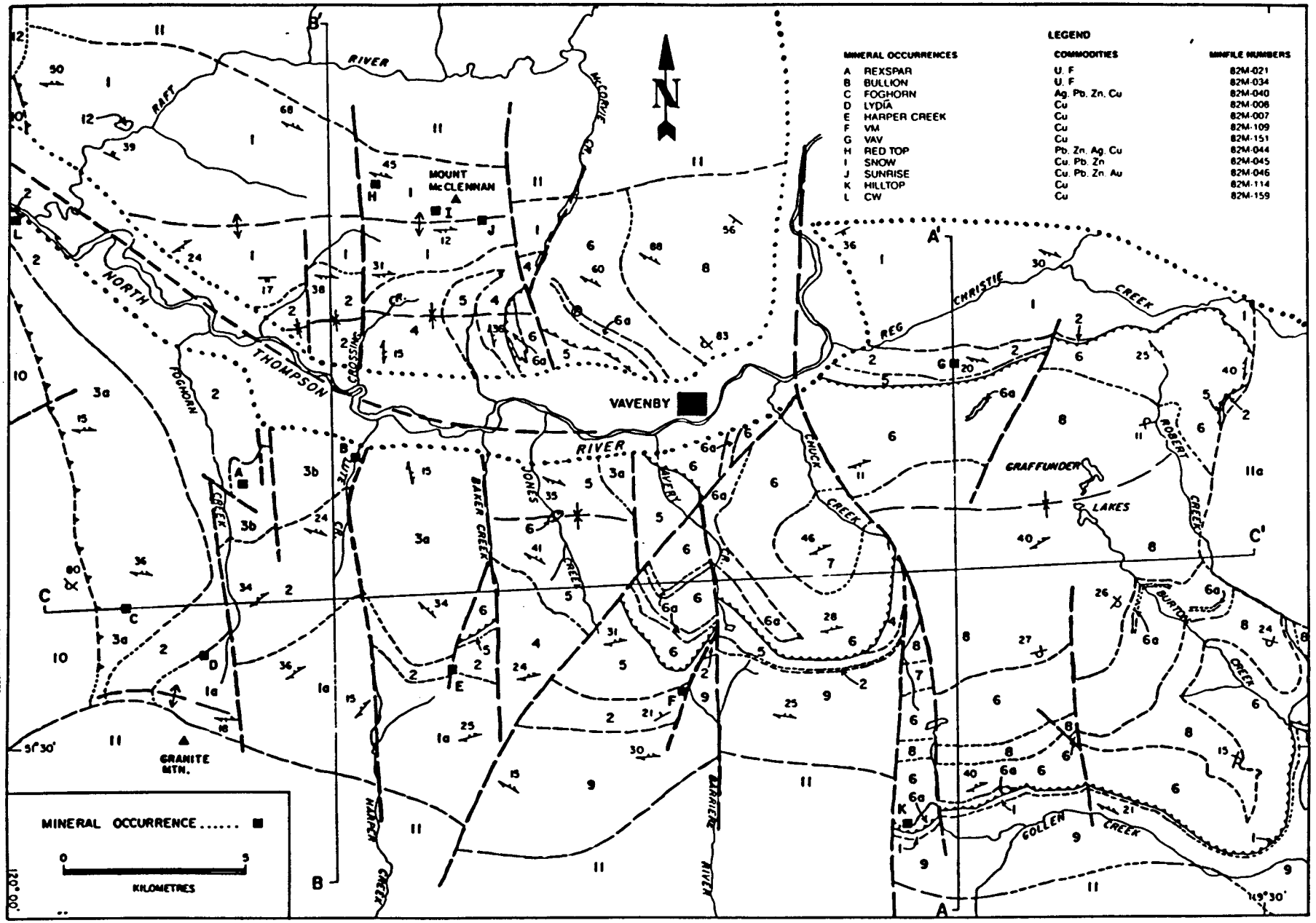


Figure 3. Generalized geological map of the Vavenby area.

LEGEND

MIOCENE OR PLIOCENE
12 Olivine Basalt

CRETACEOUS
11 Granite and Granodiorite. 11a Includes Abundant Pegmatite

DEVONIAN TO PERMIAN

10 FENNELL FORMATION
Basalt Gabbro, Chert, Minor Amounts of Sandstone, Limestone, Intraformational Conglomerate

DEVONIAN (?)
9 Granitic Orthogneiss

LOWER CAMBRIAN AND OLDER (?) TO MISSISSIPPIAN

8 EAGLE BAY FORMATION (UNITS 1 TO 8)
Grit, Quartzite, Chlorite-Muscovite-Quartz Schist

7 Intermediate Metatuff, Quartzite, Chlorite-Sericite-Quartz Schist, Limestone, Dolomite-Chlorite Schist

6 Calcareous Chlorite Schist And Greenstone Derived From Mafic Volcanic Rocks; Lesser Amounts Of Chloritic Dolostone And Limestone; 6a - Light Grey Limestone

5 Dark Grey Phyllite Intercalated With Siltstone, Sandstone, Grit, And Pebble Conglomerate; Lesser Amounts Of Limestone And Dolostone

4 Grit, Quartzite, Chlorite-Muscovite-Quartz Schist, Lesser Amounts Of Limestone, Chlorite Schist, and Dark Grey Phyllite

3 3a - Chlorite-Sericite Schist Derived From Quartz Hornblende-Feldspar Crystal-Lithic Tuffs And (?) Porphyritic Flows; 3b - Feldspar Porphyry, Feldspathic Schist, Sericite-Feldspar-Quartz Schist, Metavolcanic Breccia, Trachyte

2 Sericite-Quartz Phyllite Derived Largely From Felsic To Intermediate Volcanics; Lesser Amounts of Chlorite Phyllite. Dark Grey Phyllite and Siltstone, Sericitic Quartzite, and Pyritic Chert (Exhalite?)

1 Quartzite, Chlorite-Muscovite-Quartz Schist; Lesser Amounts Of Limestone, Calc-Silicate Schist, Light to Dark Grey Phyllite, and Green Chlorite Schist; 1a - Includes Abundant Orthogneiss and Quartz-Sericite Schist Derived from Quartz Porphyry

7.2 Local Geology

SSR Grid

No geological mapping was conducted on the grid in 1989, however, 11 rock samples were collected for thin section study and are located on Figure 4. Petrographic examination of the thin sections by Craig Leitch of Vancouver Petrographics revealed that the massive sulphide mineralization is related to a carbonatized mafic volcanic and felsic tuffaceous schist horizon. These units were previously mapped as calc-silicate skarn and quartz-sericite schist respectively.

Listed in Appendix I are the thin section descriptions from Vancouver Petrographics.

The compilation of all geologic data, as shown on Figure 4 indicates that the grid is comprised of mostly undifferentiated metasedimentary and lesser metavolcanic strata of the Eagle Bay Formation. The strata consists from bottom to top of very fine grained, black phyllite, locally graphitic, to fine-medium grained, dark grey feldspathic litharenite and medium grained, pale grey litharenite-arenite. These units can be intercolated with each other.

Overlying the above mentioned units are well foliated, fine grained sericite and quartz-sericite schists. The quartz-sericite schists are volcanic in origin and were once felsic tuffs. These are, in turn, overlain by carbonatized mafic volcanics which were previously considered to be an epidote-rich, calc-silicate skarn. The mafic volcanics are frequently interbedded and overlain by the sericitic and tuffaceous, quartz-sericite schists.

The volcanic assemblage is sequentially overlain by phyllite, limestone, feldspathic litharenite, and litharenite-arenite sedimentary units.

Eagle Bay stratigraphy which is in close proximity to the Cretaceous Raft River Batholith has been highly metamorphosed to the granulite facies. Mafic dykes, possibly of Tertiary age, are also noted generally trending north-south and cross-cutting the Eagle Bay strata.

McCorvie Grid

The McCorvie Grid contains few natural rock outcroppings of Eagle Bay Strata. Most of the exposures are situated along the main logging road (Figure 5).

Fine grained black phyllite appears to be the most common rock type intercalated with dark grey recrystallized limestone. Sericite schists located along the logging road are light to medium grey, well foliated, and can contain finely disseminated to semi-massive pyrite. Quartz-carbonate alteration, associated with the sericite schists appears

to trend with the main logging road and can contain up to 40% ankerite, 2% mariposite and 30% free quartz. Concordant and discordant, mainly narrow quartz veins related to the alteration zone are clear to milky white in colour, some of which are mineralized.

Southern Reconnaissance Grid

The Southern Reconnaissance grid is located along a moderately south plunging slope with the majority of outcrop on the eastern half of the grid.

There are five main rock types, of Eagle Bay strata mapped on the grid (Figures 7 and 8). Unit 1 is a mafic meta-volcanic or greenstone of Lower Cambrian age. Adjacent to the greenstone unit is either sericitic quartz-phyllite (Unit 2) or limestone and dolostone (Unit 3). The limestone is suggested by Paul Schiarizza of the B.C. M.E.M.P.R. to be a Tshinakin limestone member that is also of Lower Cambrian age. The lower south-east end of the grid contains well foliated chloritic schist (Unit 5) which was probably a mafic volcanoclastic related to Unit 1. One outcrop of sandstone (Unit 4) was located and is intercalated with Unit 2 type rocks.

7.3 Structure

SSR Grid

The majority of Eagle Bay strata on the grid has been metamorphosed mostly to the lower greenschist facies, with the deformed strata commonly displaying foliation parallel to bedding. Thin section studies indicate strata near the three showings grading up to the granulite facies, due to the close proximity of the intrusive.

The entire Eagle Bay assemblage has been deformed into a north tilted antiform, the axis of which trends generally east-west, plunging gently to the east. The south limb of the fold is very poorly exposed as indicated on Figure 4.

McCorvie Grid

The Eagle Bay strata on the McCorvie grid (Figure 5) is also metamorphosed to the lower greenschist facies. The grid is centered on a large shear orientated approximately 035 degrees azimuth that hosts the quartz-carbonate alteration zone.

Southern Reconnaissance

No structural features were recognized on the grid. Regional mapping by P. Schiarizza and V. Preto of the British Columbia Geological Survey (Figure 3) indicates the presence of several large north-west trending faults located on the eastern half of the grid. A synform, the axis of which is trending east-west is situated along the southern end of the grid.

It was thought that the synform may have provided an opportunity for the massive sulphide stratigraphy to reappear below the SSR Grid.

7.4 Mineralization

SSR Grid

There are three know and well documented mineral showings located on the grid (Figure 4). These are, from west to east, the Redtop, Snow, and Sunrise.

Redtop Showing

The majority of mineralization, consisting of pyrite, sphalerite, galena, and chalcopyrite, appears to be confined to the contact between limy quartz-sericite schist and altered mafic volcanics. The mineralization appears to occur as semi-massive concordant and discordant sulphide bands and lenses up to 0.3 meters thick. Quartz-carbonate alteration, associated with a north-south trending mafic dyke, also contains pyrite, sphalerite, galena, and chalcopyrite with elevated gold values. Disseminated pyrite, up to 2%, is common throughout the entire assemblages of sericite and quartz-sericite schist at the Redtop showing.

Snow Showing

Mineralization at the Snow Showing consists of pyrite, galena, sphalerite, and lesser chalcopyrite. These occur as medium to coarse grains, thinly laminated in semi-massive to massive sulphide bands. These bands are associated with a limy, quartz-sericite schist adjacent to or near the highly altered carbonatized mafic volcanics. The mode of occurrence for the sulphides is suggestive of an exhalative origin. Silver enrichment is associated with the sulphide mineral assemblage.

Carbonatized mafic volcanics in contact with or closely associated to the quartz-sericite can also contain pyrite and minor amounts of galena and sphalerite. This mineralization may have been derived by the partial remobilization of the massive sulphides, which also may have caused the

sulphide grains to become poorly interlocked. Consequently, the massive sulphide mineralization is only weakly responsive to certain geophysical instrumentation.

The Snow showing was described by J. M. Dawson and H.C.B. Leitch to consist of four "semi-conformable" massive sulphide bands, with one band 1.2 meters thick and the three others 0.3 - 0.6 meters thick. These bands were originally exposed in a north-south orientated trench, however, the walls of the trench have collapsed and not all of the mineralization could be seen on site.

Sunrise Showing

The showing is located in flat lying strata, close to the nose of a gently, easterly-plunging anticline. Mineralization is closely associated with the contact between quartz-sericite schist and carbonatized mafic volcanics. Mineralization consists of pyrrhotite and/or pyrite, galena, sphalerite, and chalcopyrite. The massive pyrrhotite contains low base metal and precious metal values, however, semi-massive to massive pyrite contains variable amounts of lead, zinc, and silver, with minor gold values. The majority of mineralization is contained in very limy schists, at the contact with the carbonatized mafic volcanics.

A second massive sulphide zone was intersected approximately 126 metres below the surface during the 1988 drilling program. The zone consists of massive pyrite and pyrrhotite also enclosed within a package of altered mafic volcanics and felsic schists. The massive sulphides are unfortunately low in base and precious metal values. The majority of the stratigraphy from the 126 interval to the top of the hole is intensely altered and mineralized.

McCorvie Grid

In the Minister of Mines Annual Report, 1922, page N145, it was reported that two grab samples containing 21.0 and 14.0 grams/tonne gold were collected from the Morrison Showing. The Morrison Showing is thought to be located within the McCorvie Grid area but has not been found.

Analytical results from the thirty-six rock samples collected (Figure 6) indicated that the quartz-carbonate alteration zone is weakly anomalous in gold. Sericitic schists on the north flank of the alteration zone contain semi-massive pyrite with gold values of up to 3.3 grams/tonne. Sample 43078 - 43089 were taken from quartz veins concordant to the quartz-carbonate alteration zone and contain minor pyrite and pyrrhotite with gold values of up to 2450 ppb. The only discordant quartz vein located to date, samples 43076 and 43077, contain clots of sphalerite, galena, and minor pyrite with gold values of up to 6.47 grams /tonne in one grab sample.

All of the rock assay results are presented on the McCorvie Grid Sample Location Map, Figure 6.

Southern Reconnaissance Grid

There are two known mineral occurrences on the grid, these are the Bearsden and Tinkirk Showings (Figures 9 and 10 respectively). Mineralization at both of these showings is structurally controlled and consists of narrow quartz veins containing pyrite with minor galena and chalcopyrite (Figures 6&7). Silver and minor gold values are associated with the galena.

Previous exploration conducted by Placer Dome (1986) indicates mineralization to be restricted in area, therefore containing little potential. Figures 9 and 10 are Rock Sample Location Maps with the listed assay results. The only sample of interest (sample 42766) was a high grade grab from a narrow quartz vein with galena containing values of only 3.9% lead and 304 g/tonne silver.

8.0 SOIL GEOCHEMICAL SURVEY

8.1 Methodology of Sample Collection, Preparation, and Analysis

Sample Collection

The overburden thickness and soil composition varied greatly on all three grids. The B-horizon was sampled when possible, usually from 10 - 30 centimetre depths by using manually operated augers. Soil samples obtained between the Snow and Redtop Showings were sometimes taken from 110 centimetre depths due to swampy conditions. The soil sample was placed in brown Kraft paper envelopes labelled with line and station coordinates and the grid name for identification.

Notes on the soil conditions and type of soils were recorded for each sample for reference during data interpretation.

Preparation and Analysis

A total of 3231 soil samples were collected from the three grids, all of which were analyzed for copper, lead, zinc, silver, and gold. Samples from the eastern half of the SSR Grid were also analyzed for arsenic and samples from the McCorvie Grid were also analyzed for arsenic and mercury.

Eco-Tech Laboratories in Kamloops, British Columbia, analyzed all of the soil samples from the McCorvie and Southern Reconnaissance

grids. Soil samples from the SSR Grid were analyzed by Placer Dome's laboratory in Vancouver, British Columbia.

The samples were dried in a hot-air dryer and sieved to extract the -80 mesh faction. For the copper, lead, zinc, and silver analysis, a 0.5 gram portion of the -80 mesh fraction is digested in a hot HNO_2 and $HClO_4$ solution, then cooled and diluted before being analyzed on an Atomic Absorption Spectrophotometer.

Gold is analyzed at the Placer Dome Laboratory by using a 10 gram portion of the -80 mesh fraction, which is mixed with aqua regia and heated. HBr solution is then added, followed by a solvent extraction, with the remaining solution analyzed for gold by atomic absorption. Eco-Tech Laboratories analyze for gold by using the fire method which is finished by atomic absorption. Mercury analysis was completed by hot aqua regia digestion finished with cold vapour generation and atomic absorption. Arsenic is also digested using hot aqua regia but is finished by hydride generation and atomic absorption.

The lowest detection limit for the copper, lead, zinc, silver, gold, arsenic, and mercury is 1 ppm, 2 ppm, 1 ppm, 0.1 ppm, 5 ppb, 5 ppm and 1 ppb respectively.

8.2 Methodology of Data Handling and Map Preparation

Data Handling

All geochemical data was entered into a computer file. A computer program was then used to determine basic statistics. Log histograms were also produced of each metal in order to define a boundary between the background, threshold, and anomalous samples. All statistical data and histogram plots are located in Appendix II with the soil sample results.

Map Preparation

All sample locations as well as all streams, lakes, topographic contour lines, roads or trails, and claim lines have been digitized using U.T.M. co-ordinates into Generic CAD (computer aided drafting and design). The CAD program was used to overlay the topographical base on plots of the soil sample results. The final maps were produced on a drum-type pen plotter on a 1:5,000 scale.

8.3 Results

SSR GRID

Tabulated below are the basic statistics for all soil geochemical results from the SSR Grid.

Element	Minimum Value	Mean	Maximum Value	Standard Deviation
Copper	3.0 ppm	29.00 ppm	1010.0 ppm	42.00 ppm
Lead	3.0 ppm	37.00 ppm	1070.0 ppm	57.00 ppm
Zinc	12.0 ppm	208.00 ppm	3400.0 ppm	294.00 ppm
Silver	0.1 ppm	.26 ppm	5.2 ppm	.30 ppm
Gold	2.5 ppb	7.20 ppb	200.0 ppb	12.00 ppb
Arsenic	1.0 ppm	8.10 ppm	117.0 ppm	9.20 ppm

The following values are considered to be anomalous concentrations for each element.

Copper	95.00 + ppm
Lead	100.00 + ppm
Zinc	350.00 + ppm
Silver	1.00 + ppm
Gold	25.00 + ppb
Arsenic	25.00 + ppm

Figures 11 to 15 are plots of the western half of the SSR Grid's geochemical results for copper, lead, zinc, silver, and gold respectively. The plots illustrate that the underlying Snow type massive sulphide stratigraphy contains the majority of soil anomalies from the 1989 survey.

The soil geochemistry, especially lead, presents an approximate east-west trend from lines 6200E/5880N-6900E/5980N. Lines west of this area contain erratically orientated soil anomalies.

The highest ranked anomaly occurs at line 6200E/5880N and contains anomalous concentrations of lead, silver, and zinc. These concentrations are on strike with and reflect the type of mineralization present at the Snow Showing. Geophysical results along the approximate east-west trend are also indicative of values occurring near the Snow Showing.

Figures 16 to 21 are plots of the SSR Grid's, eastern half geochemical results for copper, lead, zinc, silver, gold, and arsenic, respectively. These plots demonstrate a different geochemical environment to that of the western half of the grid.

Base metal values are low, yet, anomalous gold and arsenic concentrations are present. The best gold with coincident arsenic concentrations occurs on line 9700E, centered at 4460N and has an apparent north-south orientation. The only coincident base metal anomaly, lead/zinc occurs at line 9200E/5780N in only one sample site.

McCORVIE GRID

Tabulated below are the basic statistics for all soil geochemical results from the McCorvie Grid.

Element	Minimum Value	Mean	Maximum Value	Standard Deviation
Copper	6.0 ppm	23.00 ppm	125.0 ppm	16.00 ppm
Lead	8.0 ppm	21.00 ppm	182.0 ppm	12.00 ppm
Zinc	41.0 ppm	97.00 ppm	265.0 ppm	31.00 ppm
Silver	0.1 ppm	.20 ppm	0.9 ppm	.14 ppm
Gold	2.5 ppb	4.00 ppb	70.0 ppb	6.40 ppb
Arsenic	1.0 ppm	6.60 ppm	170.0 ppm	11.00 ppm
Mercury	2.0 ppb	17.00 ppb	100.0 ppb	14.00 ppb

The following values are considered to be anomalous concentrations for each element.

Copper	95.0 + ppm
Lead	100.0 + ppm
Zinc	350.0 + ppm
Silver	1.0 + ppm
Gold	25.0 + ppb
Mercury	100.0 + ppb
Arsenic	25.0 + ppm

Figures 22 to 28 are plots containing the geochemical results for copper, lead, zinc, silver, gold, mercury, and arsenic respectively. The grid contains few anomalous metal values which do not indicate any significant trends. Both base and precious metal concentrations are quite low.

Arsenic is the most anomalous element, with the majority of the significant values occurring as a line anomaly on line 29600E from 29950-3400N. The remaining elements have only weak and/or spotty anomalies, none of which are coincident.

SOUTHERN RECONNAISSANCE GRID

Tabulated below are the basic statistics for all soil geochemical results from the Southern Reconnaissance Grid.

Element	Minimum Value	Mean	Maximum Value	Standard Deviation
Copper	4.00 ppm	21.00 ppm	143.0 ppm	16.00 ppm
Lead	24.00 ppm	23.00 ppm	597.0 ppm	23.00 ppm
Zinc	24.00 ppm	95.00 ppm	936.0 ppm	53.00 ppm
Silver	.05 ppm	.09 ppm	2.2 ppm	.12 ppm
Gold	3.00 ppb	9.10 ppb	90.0 ppb	9.40 ppb

The following values are considered to be anomalous concentrations for each element.

Copper	95.0 + ppm
Lead	100.0 + ppm
Zinc	350.0 + ppm
Silver	1.0 + ppm
Gold	25.0 + ppb

Figures 29 to 33 are plots of the Southern Reconnaissance Grid's western half geochemical results for copper, lead, zinc, silver, and gold respectively. The geochemical results on this half of the grid do not indicate any significant trends. Most anomalies are weak and are restricted to one sample site.

The best concentration of coincident metal values occurs at line 9800N/7000E and consists of copper and zinc with elevated lead values. There is also a one sample lead anomaly situated on line 10800N/9480E which is strongly anomalous but is located next to the road.

It has been noted that there are more significant base metal than precious metal anomalies on this portion of the grid.

Figures 34 to 38 are plots of the Southern Reconnaissance Grid's, eastern half, geochemical results for copper, lead, zinc, silver, and gold respectively. The results are poor and better reflect changes in lithology than in mineralization. The two mineral occurrences located on this part of the grid did not produce any strong geochemical signatures, therefore indicating their limited potential.

8.4 Interpretation

SSR Grid

Lead soil anomalies, west of the Snow Showing best indicate the continuation of the massive sulphide stratigraphy and the potential of locating further mineralization. The lead geochemistry also supports the induced polarization and magnetometer data (see R. Cannon's Geophysical Report on the Noble Claims, October 1989) in suggesting that structural deformation has occurred near the Redtop Showing. The increased tectonic activity and sporadic geochemistry around the Redtop Showing is probably related to the emplacement of the Raft Batholith, which is less than one kilometre away.

The gold/arsenic anomaly on line 9700E, centered at station 4460N, may represent structurally controlled mineralization also related to the Raft Batholith. However, there is no outcrop and only limited geophysical data to support this theory.

McCorvie Grid

The poor results could be attributed to over half of the grid covering disturbed ground from logging and that the quartz-carbonate zone follows along much of the road. However, stronger geochemical signatures should be expected if any significant mineralization was present.

The only anomalous values found are arsenic on line 29600E for which there is no reasonable explanation for their occurrence.

Southern Reconnaissance Grid

Due to the generally poor geochemical response on the entire grid, there appears to be little chance of any economical mineralization occurring near surface. Most of the values are mainly reflecting lithologic changes and not mineralization.

9.0 CONCLUSIONS

Based on the results from the 1989 field program the next phase of exploration should be mainly confined to the SSR Grid along the north limb of the massive sulphide stratigraphy. Coincident lead, silver soil concentrations associated with induced polarization anomalies were outlined which may be reflecting additional massive sulphide zones.

Limited field work should also be conducted over the gold/arsenic soil anomaly that is situated on the far south-east corner of the SSR Grid. The soil geochemistry and magnetometer data suggests that structurally controlled mineralization, related to the Raft River Batholith may occur.

The results from the McCorvie and Southern Reconnaissance Grids are disappointing, indicating their limited potential for hosting any type of economic mineralization.

10.0 STATEMENT OF EXPENDITURES NOBLE PROJECT

The following expenditures were incurred by Placer Dome Inc. while operating the Noble claims during 1989. Additional expenditures incurred from geophysical surveys are covered in a separate report entitled "Geophysical Survey Report on the Noble 1-12 Claims" by R. Cannon, October, 1989. The total cost of the geophysical surveys was $ 29,456.58

Personnel Costs

B. Barde (District Geologist) 8days @ $ 410/day	$ 3400.00	
L. Warner (Project Geologist) 55days @ $ 295/day	16225.00	
A. Toma (Geologist) 49days @ $ 244/day	11956.00	
A. Burgert (Field Assistant) 55days @ $ 146/day	8030.00	
S. Knight (Field Assistant) 55days @ $ 158/day	8690.00	
Total Personnel Costs		$ 48,301.00

Camp Operations

206 mandays at $ 60/day	$ 12,360.00	
Total Camp Operations		12,360.00

Transportation

Two 4x4, 3/4 ton Pickup Truck $1000/month/truck	$ 4000.00	
Gas, Oil, and Maintenance	1132.00	
Freight	413.00	
Travel	669.00	
Total Transportation		6,214.00

Assay Costs

Soils		
SSR Grid Cu,Pb,Zn,Ag,Au,As 1408 @ $13.65	$ 19,219.00	
McC Grid Cu,Pb,Zn,Ag,Au,As,Hg 510 @ $20.75	10,582.00	
SR Grid Cu,Pb,Zn,Ag,Au 1315 @ $12.75	16,766.00	
Rocks		
McC Grid Cu,Pb,Zn,Ag,Au,As,Hg 35 @ $23.25	$ 814.00	
SR Grid Cu,Pb,Zn,Ag,Au 31 @ $15.25	473.00	
Total Assay Costs		38,330.00
TOTAL FORWARD TO PAGE 22		$ 105,205.00

TOTAL FORWARD FROM PAGE 23		$ 105,205.00
Thin Section Study		
Vancouver Petrographics 11 rocks	$ 720.00	
Total Thin Section Study		720.00
Equipment Purchases	$ 732.00	
Total Equipment Purchases		732.00
Communications	$ 439.00	
Total Communications		439.00
Miscellaneous		
ie: Office Supplies, Snow Removal	$ 714.00	
Total Miscellaneous		714.00
Data Compilation & Report Preparation Costs		
L. Warner 15days @ $295/day	$ 4,425.00	
N. Martin 15days @ $175/day	2,625.00	
Computer Costs	500.00	
Total Data Compilation & Report Preparation		7,550.00
TOTAL COSTS		**$ 115,360.00**

11.0 STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Lorne M. Warner of 2161 Perryville Place, Kamloops, British Columbia (V2B 7Y1), do hereby certify that:

1. I am a geologist (BSc) employed by Placer Dome Inc. of 401-1450 Pearson Place, Kamloops, British Columbia (V1S 1J9).

2. I have been engaged in the practice of geology as a geological assistant since 1980, and as a geologist, after graduating from the University of Alberta in 1985.

3. I have supervised and carried out the field work and interpreted the data from the exploration program on the Noble 1-12 claims, located in the Kamloops Mining District.

_____
Lorne M. Warner, B.Sc.

_____
Date

12.0 REFERENCES

Cannon, R. (December 1988): Geophysical Survey Report, "Surface And Downhole Induced Polarization And Resistivity Surveys, Noble Claims".

Dawson, J.M. (July 1970): Report On The HEY, LES, BOSS, CHUCK And ROB Claim Groups.*

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Pinsent, R.H. (February 1984): Geological, Geochemical And Geophysical Assessment Report, "Noble 1-6 claims".

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Thornton, J.M. (January 1985): Geophysical Assessment Report, "Noble 1-6 claims".

Vincent, J.S. (December 1977): Report On The Nimsic Claim Group, Mount McClennan, B.C. Assessment Report #6603.

Visser, S.J. (July 1988): UTEM Survey On The Noble Claims, "Noble 1-6 claims".*

Vollo, N.B. (October 1978): Assessment Report #6931.

Warner, L.M. (January 1989): Geological, Geochemical, Geophysical and Diamond Drilling Assessment Report, "Noble 1-12 Claims"

*Unpublished Reports

APPENDIX I

Thin Section Descriptions

Noble Project

1989 Program

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph.D. Geologist
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PETROGRAPHIC REPORT ON 11 THIN SECTIONS OF METAMORPHIC ROCKS

Report for: Lorne Warner
Geologist
Placer Dome Inc.
401-1450 Pearson Place
Kamloops, B.C.
V1S 1J9.

Invoice 8353
August 29, 1989

Samples submitted: 34025, 34028, 34039, 34043, 34050, 34052, 34059, 34065, 88-DDH 4-10.76, -14.20, 129.77m. (Note: slab for 88-DDH 04-10.76 incorrectly labelled 129.77m; also no K-spar stain tests or polished surfaces for any of these rocks).

SUMMARY

The samples submitted would appear to fall into three main groups: felsic schists (34039, 34050, 88DDH 04-10.76m), mafic schists (34028, 34043, 88DDH 04-14.2 and 129.77m), and intermediate schists (34025, 34052, 34059, and 34165).

Only one of the felsic schists (88DDH 04-10.76m) shows undeniable indications of being derived from a felsic volcanic: it has obvious plagioclase and possible quartz relict phenocrysts in a quartz-feldspar-muscovite goundmass. Sample 34039 actually looks more like an exhalite (or perhaps a quartz-sericite altered volcanic). One of the mafic schists, 34028, is also obviously a porphyritic volcanic rock, with phenocrysts of plagioclase and hornblende. The hornblende could be primary, or it could be metamorphic. The intermediate schists are characterized by abundant micas, particularly biotite, but may be lower amphibolite grade because of the amphibole and garnet found in some of them. Two contain abundant clinopyroxene that might suggest the onset of granulite facies, or could be primary relics.

None of the samples suggests derivation from a skarned limestone. Some with abundant epidote and amphibole (34028, 88DDH-04-129.77m) could be derived from skarny alteration of mafic volcanic rocks, or could be simply the product of lower amphibolite grade metamorphism of mafic rocks.

Although no polished thin sections were examined, the possible presence of sphalerite and minor galena in samples 34059 and again in 34165 are worthy of note. Pyrite and pyrrhotite are locally abundant in other samples.

Craig H.B. Leitch, Ph.D, P.Eng.

(604) 921-8780 or 228-2646

34025: QUARTZ-CHLORITE-EPIDOTE-?K-SPAR SCHIST, WITH PYRITE PORPHYROBLASTS AND PYRRHOTITE LAYERS

Layered, dark grey, medium-grained quartz-biotite schist or gneiss containing laminae of pyrrhotite along the foliation and occasional coarse porphyroblasts of pyrite. In thin section, the modal mineralogy is as follows:

Quartz	60%
Chlorite	15%
Epidote	5%
Feldspar (?alkali feldspar)	5%
Unidentified mineral (?clay)	5%
Pyrrhotite	5%
Pyrite	3%
Limonite	2%
Sphene	<1%
Biotite	tr

This rock is composed of thick (1 cm) layers of quartz separated from each other by thin laminae of mafic material that locally contain sulfides. Coarse pyrite and/or pyrrhotite porphyroblasts up to 7 mm across are scattered throughout.

Quartz forms ragged, anhedral, interlocking grains that average about 0.3 mm in diameter. They commonly contain inclusions of chlorite of 0.05 mm or less size. Interstitial to the quartz are occasional grains of feldspar that have lower relief than the quartz and lack twinning; they may be sodic alkali feldspar, possibly albitic. Staining with sodium cobaltinitrite would be required for positive identification; grains are usually less than 0.2mm. The feldspar is usually altered to minute flecks of clay, and possibly also to the unidentified mineral (see below).

The majority of the mafic mineral is chlorite, with pale green pleochroism and low birefringence. It forms euhedral flakes ranging from 0.5 mm down to 0.02 mm. In places, remnants of biotite with pale brown pleochroism suggest that the chlorite is after the biotite.

Mixed with the chlorite are minor amounts of epidote, forming subhedral grains up to 0.3 mm long with pale lemon-yellow pleochroism.

The unidentifiable mineral is nearly always altered to and stained by limonite, particularly at its margins. It has modest relief compared to quartz and moderate birefringence (0.020-0.025), like sericite, but does not display change of relief on rotation or flaky habit. It might be a clay mineral, possibly of the montmorillonite group.

The sulfides form generally anhedral grains of 0.01 to 1 mm size, concentrated in the mafic layers and probably supplying most of the limonite seen in the section. Sphene and apatite form occasional grains, generally less than 0.05 mm across, associated with the mafic layers.

The abundance of quartz and lack of feldspar suggest that this rock may have been derived from an impure sedimentary protolith rather than a volcanic one.

34028: EPIDOTE-AMPHIBOLE-QUARTZ-MINOR BIOTITE SCHIST

Bright yellow-green, medium-grained, moderately foliated rock composed primarily of epidote. This could be considered a 'skarn' rock from the abundance of epidote. There are minor sulfides that are not magnetic, and so may be pyrite. In thin section, the modal mineralogy is:

Epidote	50%
Amphibole (?actinolitic hornblende)	30%
Quartz	15%
Opaque (sulfide)	3%
Biotite	2%
Sphene	<1%
Chlorite	<1%

This rock is composed of massive epidote-amphibole sections alternating with more quartz-rich layers. The epidote forms anhedral to subhedral grains ranging from 0.02 up to 0.5 mm across. The pleochroism is strong yellow-green, implying a significant iron content.

Amphibole forms somewhat ragged, slender, elongate laths up to 0.5 mm long, aligned to define a foliation that is parallel to the compositional layering. The pleochroism is in shades of pale green to pale yellow. The extinction angle is about 18 degrees. It may be an actinolitic hornblende.

Biotite forms occasional flakes up to 0.1 mm diameter intergrown with the other mafic minerals. The pleochroism is brownish green; the biotite appears to be fresh, unaltered, and in equilibrium with the amphibole.

Quartz forms anhedral, rounded grains of 0.1 to 0.2 mm diameter. They are clear and relatively unstrained. A slight tendency towards flattening and elongation parallel to the layering is evident.

Occasional subhedral to euhedral grains of sphene up to 0.05 mm diameter are scattered in the mafic layers. Rarely, minor chlorite replaces amphibole.

I would be reluctant to call this a skarn, since the epidote and amphibole could easily be derived from metamorphism of a (possibly carbonatized) mafic volcanic rock. There is no texture, or carbonate minerals, to suggest derivation from a limestone.

34039: QUARTZ-MUSCOVITE-PYRITE-MINOR FELDSPAR SCHIST

White, quartz-rich schistose rock with laminae defined by minor sericite and pyrite, and with occasional pyrite cubes disseminated. In thin section, the modal mineralogy of this sample is as follows:

Quartz	65%
Muscovite	20%
Pyrite	5%
Alkali feldspar (?sodic)	5%
Chlorite	3%
Epidote	1%
Sphene	<1%
Apatite	<1%
Zircon	tr

Quartz laminae about 0.5 mm thick or less make up the bulk of this rock, separated by thin (0.1 mm thick) layers of sericite (muscovite). Quartz forms anhedral grains with moderate elongation, averaging about 0.1 mm thick by 0.2 mm long. They are interlocking and clear, but are moderately strained and show minor suturing at their boundaries due to pressure solution. 10-30 micron inclusions of euhedral muscovite are common. Occasional quartz "sweats" up to 1 mm thick contain coarser grains of 0.5 mm diameter. There are no suggestions of quartz eyes or phenocrysts, however.

Muscovite forms euhedral plates and flakes up to 0.5 mm diameter, aligned parallel to the foliation. They may contain occcasional minor prisms of apatite up to 0.05 mm long, and yellow sphene and epidote of similar size.

In places, there are minor amounts of feldspar interstitial to the quartz, forming anhedral grains of similar size to the quartz. The relief is slightly less than quartz, and no twinning is visible; they are probably sodic alkali feldspar, perhaps albite. Minor alteration to dusty clay and coarser sericite (10-30 micron) is common. There is no suggestion of former phenocrysts.

Traces of sphene, and rare zircon, are present. The sphene forms small anhedral to subhedral grains up to 0.03 mm across, commonly concentrated in the muscovite layers. Zircons are euhedral and up to 0.1 mm long.

Pyrite forms euhedral crystals up to 1 mm across as well as minute grains of 0.05 mm size or less sprinkled in the muscovite layers.

Although there is no suggestion of former volcanic texture and the amount of feldspar is very low, this rock could have been derived from a original felsic volcanic, especially if the muscovite is after former feldspar. However, it could easily be after a sediment, or even an exhalitive rock.

34043: PLAGIOCLASE-HORNBLENDE PORPHYRY, METAMORPHOSED TO LOWER AMPHIBOLITE GRADE

Medium green, medium grained, altered porphyritic rock that may have been an intermediate volcanic. The remnants of white 1-2 mm plagioclase and black 1-2 mm ?hornblende phenocrysts are visible, although strong epidote alteration has taken place. In thin section, the mineralogy is:

Amphibole (hornblende?)	35%
Plagioclase (oligoclase)	30%
Epidote	15%
Quartz	15%
Sericite (after feldspar)	3%
Carbonate	1%
K-feldspar (veins only)	1%
Sphene	<1%

Former mafic phenocrysts are up to 3 mm long. They are now ?replaced by amphibole grains that are twinned and subhedral or by patches of epidote, or epidote and amphibole intergrown. The amphibole has an extinction angle of about 15 degrees and a pale green pleochroism. It could be actinolitic hornblende or hornblende. It also forms fine laths of 0.5 mm length in the former groundmass of the rock, and minute needles of 0.1 mm included in the feldspar and in quartz and feldspar of veins.

The feldspar of this rock is difficult to be sure of because of the alteration to epidote, and in places clay-sericite, and the lack of twinning. Most of it is unzoned and looks to be a metamorphic feldspar, i.e. in equilibrium with the rest of the minerals in the rock. Its composition seems to be oligoclase (An_{30}), based on a perfectly centered figure perpendicular to X that gives Y^010=14 degrees, and relief apparently positive with respect to adjacent quartz.

Quartz in this rock is mostly as fine anhedral grains of 0.02 to 0.2 mm diameter, intergrown with the other silicates and lacking any suggestion of former phenocrysts.

Epidote forms anhedral to subhedral grains of 20 micron size included in the feldspar, ranging up to pseudomorphs of phenocrysts of 1 mm size. Granular aggregates of 0.05-0.1 mm diameter grains replacing plagioclase are most common. A faint yellow pleochroism is visible.

Sphene is present as small euhedral crystals of 0.05 to 0.1 mm diameter, commonly in the epidote.

A 2-3 mm thick anastamose vein of quartz, plagioclase (variably altered from fresh to completely sericitized), K-feldspar, carbonate and needle-like amphibole appears to be a metemorphic segregation. It is cut by a few thin veinlets of carbonate

The occurrence of epidote with plagioclase of An_{25-40} composition and amphibole is characteristic of the lowermost amphibolite facies rocks in gabbroic protoliths (Winkler, 1971). This rock was presumably an intermediate flow of perhaps andesitic or basaltic composition before metamorphism.

34050: QUARTZ-AMPHIBOLE-PYROXENE-GARNET-MUSCOVITE SCHIST

Light grey, medium-grained, siliceous schist with fine sulfides in the partings between quartz-rich layers. In thin section, the mineralogy is as follows:

Quartz	55%
Amphibole (?tremolite)	10%
Clinopyroxene (?diopside)	10%
Garnet	5%
Muscovite	5%
K-feldspar (?)	5%
Epidote	3%
Carbonate (calcite)	3%
Opaque (sulfide)	2%
Biotite	<1%
Sphalerite	<1%

Thick (2-3 mm) layers of quartz-rich rock alternate with and are separated by thinner (0.2-0.3 mm) laminae of mafic-rich rock. The quartz-rich layers are composed of 0.1-0.2 mm diameter, rounded anhedral quartz grains with much lesser, interstitial feldspar of 0.02 to 0.04 mm grain size. It is probably K-feldspar because the index is much lower than quartz, and there is very little alteration. There are also minor amounts of carbonate, epidote, muscovite, amphibole, and biotite present. The quartz is clear and moderately strained, with undulose extinction and sutured boundaries.

The foliation is defined by the layers of mafic material, principally amphibole as fine (0.05-0.2 mm) subhedral laths, but with admixed clinopyroxene, epidote, garnet, muscovite and minor carbonate. The amphibole has no apparent colour or pleochroism (it looks like muscovite in the hand specimen) and so may be tremolite, or iron-poor amphibole of the actinolite series. It has an extinction angle of 16 degrees. Much of the amphibole appears to be after clinopyroxene, which forms clumps and aggregates up to 5 mm across of fine, stubby, anhedral to subhedral crystals that are distinguished by higher relief than the amphibole and an extinction angle of 45 degrees. They are colourless, and could be diopside. Garnet is in subhedral crystals up to 0.5 mm across, often in layers by itself or with epidote.

Intergrown with the amphibole in some of the layers are lesser amounts of euhdedral muscovite to 0.3 mm long (which appears to be after biotite). The biotite is present as a few relics with pale, washed-out brown colour and identical size to the muscovite.

Epidote forms rounded anhedral to subhedral grains intermixed with the amphibole, up to 0.5 mm long, that poikilitically enclose other minerals. Minor chlorite, as flaky masses up to 0.3 mm across, is associated with these areas and also with anhedral sphalerite grains that are deep brown but translucent, and up to 1 mm across. The sphalerite is intergrown with pyrite, and restricted to one coarse quartz-rich "sweat" or ?vein parallel to the layering. This rock is also lower amphibolite grade (not skarn), possibly after an intermediate volcanic (dacite?).

34052: QUARTZ-BIOTITE-MUSCOVITE-PLAGIOCLASE(?) SCHIST

Light brown and grey banded schist with abundant sulfides both in laminae parallel to the foliation and in thin veinlets oblique to the foliation. In thin section, the mineralogy is as follows:

Quartz	35%
Biotite	25%
Muscovite	15%
Calcic plagioclase or Andalusite (?)	15%
Opaque (sulfide)	5%
Epidote	3%
Sphene	1%
Limonite	1%

This is a quartz-biotite-sericite schist, composed of alternating layers rich in quartz, andalusite and micas. The layers are generally 0.5 mm thick, although they may be up to 2 mm. The mafic layers are composed of variable admixtures of biotite, muscovite, rare epidote and a low-birefringence, moderate relief mineral that may be calcic plagioclase or andalusite. The relief is high compared to quartz, and between $n_{\bar{x}}$ and $n_{\bar{z}}$ of muscovite. This would imply calcic plagioclase. It occasionally displays polysynthetic twinning, with extinction angle of about 30 degrees (An_{60}). Some grains appear to be length-fast, although it is difficult to be sure since the grains are all so small and anhedral (average size 0.05 to 0.1 mm). The grains have a faint colour due to myriads of minute inclusions, a characteristic of andalusite. The mineral is also intimately intergrown with the micas, making positive identification uncertain.

The micas define the foliation of the rock, and include brown biotite and colourless muscovite, as flakes ranging up to 0.2 mm in length. Minute inclusions of biotite, 10-20 microns long, are common in the ?plagioclase or andalusite.

Quartz forms mainly anhedral grains with a tendency to elongation parallel to the foliation, about 0.1 mm thick by 0.2 mm long. They are moderately strained, with undulose extinction and sutured grain boundaries. Occasional large grains up to 1 mm long may have been phenocrysts, implying possible derivation from a felsic volcanic.

Sphene forms fine euhedral grains up to 0.05 mm long with deep yellowish-brown colour. They are associated with the mafic layers. Sulfides are mainly in the mafic layers, as subhedral to anhedral grains controlled by their boundaries with the silicates. Both pyrrhotite (major) and pyrite (minor) appear to be present, the latter as coarser grains up to 1 mm across and the former as grains up to 0.3 mm. Limonite has developed after some of the sulfides.

The presence of andalusite would imply upper greenschist facies in a low-pressure environment ("Abukuma-type"), rather than the lower amphibolite indicated by the other samples in this suite. Hence, I would favour the identification as plagioclase. If it is important, X-ray diffraction should be considered (cost: about $50.00).

34059: QUARTZ-PYROXENE-AMPHIBOLE-MUSCOVITE-FELDSPAR SCHIST, WELL MINERALIZED WITH PYRITE, SPHALERITE, AND GALENA

Banded, light and dark grey, siliceous schist containing abundant sulfides that may include pyrite, pyrrhotite (or magnetite; the rock is magnetic in places), galena and sphalerite. A polished surface would be necessary to make proper identifications. In thin section, the identifications are uncertain due to fine grain size and intimate intergrowths, plus lack of staining for K-spar:

Quartz	40%
Clinopyroxene (?diopside)	15%
Amphibole (?tremolite)	10%
Muscovite	10%
Plagioclase (calcic?)	5%
K-feldspar (?)	5%
Sulfides: pyrite, sphalerite, galena	5%
Epidote	3%
Biotite	5%
Chlorite (after biotite)	2%
Sphene	<1%

Quartz-rich layers are alternately fine-grained (0.1 mm) and coarse-grained (?"sweats", 0.3-0.4 mm). The quartz is anhedral, interlocking and moderately strained (undulose, sutured). A fine-grained, low relief clear mineral (0.05 mm or less) found interstitial to the quartz, especially in the fine-grained layers, is probably K-feldspar, although staining would be required to confirm this. Biotite and muscovite as tiny euhedral flakes of 0.05 mm or less are commonly intergrown with the feldspar.

As in the previous sample, the mafic layers are composed of micas (muscovite, mainly, with minor biotite), intimately intermixed with a moderate relief mineral with polysynthetic twinning that may be calcic plagioclase (?). Muscovite forms flakes up to 0.5 mm long, while biotite are rarely over 0.2 mm across. The ?plagioclase forms anhedral grains of 0.02 to 0.05 mm size, and is intimately mixed with (?replaced by?) ultra fine-grained mica, epidote and sphene. An extinction angle of about 30 degrees to polysynthetic twinning suggest a composition of about An_{50}.

Coarse clots up to 1 cm across are composed of coarse colourless clinopyroxene (?diopside) with an extinction angle of about 35 degrees. The grains are up to 2 mm across and are attacked around their margins by finer (0.5 mm or less) amphibole, which is colourless and has extinction angle of 16 degrees (?tremolite).

One rusty layer is composed mainly of biotite that hase been extensively replaced by chlorite. Epidote is also common in this layer, as large grains up to 1 mm long poikilitically enclosing the other minerals. It has faint yellow pleochroism. Epidote, and some chlorite, are also closely associated with sulfides in layers where they are abundant, implying that mineralization may be associated with a late retrograde event.

Deep red-brown sphalerite forms subhedral to

interstitial grains up to 1 mm across, intimately intergrown with pyrite (also 1 mm diameter) and sometimes with finer-grained galena (?) up to 0.3 mm across. Sphene, as fine subhedral grains up to 0.05 mm across, is commonly associated.

This sample is similar to 34050 in its mineralogy, particularly the pyroxene/amphibole and the ?sphalerite. I am not sure from the limited exposure (a slab and thin section) whether it is a skarn or a high-grade metamorphic (the presence of pyroxene implies granulite facies). If it was a skarn before metamorphism, it was more probably derived from a mafic volcanic rock rather than a limestone. There are large quartz grains present (elongate, up to 2 mm long) but it is not clear whether these are former quartz 'eyes' or merely metamorphic sweats. The amount of mafic minerals does not suggest a felsic volcanic that could have borne quartz eyes.

34065: QUARTZ-MICA-FELDSPAR-AMPHIBOLE-GARNET-EPIDOTE SCHIST

Strongly pyritized, banded dark and light grey siliceous schist similar to 34059 and 34050, also well mineralized with sphalerite (?). In thin section, the mineralogy is approximately:

Quartz	25%
Muscovite	20%
Biotite	15%
Plagioclase (?andesine)	10%
Amphibole (?tremolite)	5%
K-feldspar (?)	5%
Garnet	5%
Epidote	5%
Sulfides (pyrite, sphalerite)	5%
Clinopyroxene (?diopside)	3%
Carbonate	1%
Sphene	1%

As in 34059, coarse quartz layers (grain size up to 1 mm, average about 0.3 mm) alternate with layers of fine-grained quartz, K-feldspar(?) and mica, and mafic layers of mica and plagioclase, pyroxene and amphibole, or garnet and epidote. The fine-grained quartz layers have strongly flattened grains with average size of about 0.03 by 0.1 mm for the quartz and feldspar (the latter has very low relief, suggesting K-feldspar). Anhedral plagioclase in adjacent layers may be of similar size, but occasionally is up to 0.3 mm across where it displays unmistakeable twinning, suggesting a composition of andesine-labradorite (the strong positive relief compared to quartz supports this). Fine euhderal biotite and muscovite are common in the plagioclase

Several thin (1 mm) layers are rich in coarse garnet as euhedral to subhedral crystals up to 1 mm across. Epidote is common at the margins of these crystals, as irregular poikilitic grains up to 0.5 mm across. Grains of carbonate up to 0.3 mm long, plus small sphene crystals up to 0.05 mm long, and lesser needles of bright red-brown ?rutile up to 0.05 mm long, are also present, along with sulfides.

Micaceous layers are made up of muscovite and/or biotite as flakes up to 0.3 mm long. They tend to be separate from layers enriched in amphibole, garnet, or epidote, and do not appear to contain sphalerite.

The layer containing the sphalerite also contains the pyroxene (0.03 to 0.2 mm) and amphibole (about 0.2-0.3 mm), and the sphalerite is closely intergrown with the pyroxene, suggesting that mineralization was early rather than late ane retrograde (the opposite from 34059). Carbonate (which reacts slowly to cold dilute HCL, and is probably calcite) forms subhedral grains up to 0.2 mm across in these layers, also intergrown with sphalerite. Rare deep sea-green amphibole (?actinolite or hornblende) is also present. Sphene grains up to 0.05 mm across are intergrown with epidote grains. Both epidote and pyroxene are partly attacked by incipient alteration products.

88-DDH 04 10.96m: QUARTZ-PLAGIOCLASE-MUSCOVITE-BIOTITE-KFELDSPAR SCHIST AFTER FORMER RHYODACITIC VOLCANIC

Grey-white, siliceous quartz-sericite schist characterized by blebs and lenses of pyrite. In thin section, the modal mineralogy is approximately:

Quartz	30%
Plagioclase (?oligoclase)	30%
Muscovite	15%
K-feldspar (?)	10%
Biotite (bleached)	5%
Pyrite	5%
Carbonate (calcite)	3%
Apatite	2%
Sphene, rutile	<1%

Rounded grains of plagioclase of 0.5 to 1.0 mm diameter are common throughlut this specimen; they look to have been former phenocrysts. Their composition is difficult to determine; although they are twinned, none are oriented correctly. Relief only slightly less than, or equal to, that of quartz, and extinction angles of about 10 degrees for Y^010 suggest a composition around An_{25-30}, or oligoclase. Because of the lack of relief against quartz, it is hard to estimate the abundance of plagioclase in the groundmass.

As in other sildes in this suite, a mineral of lower relief than the quartz is probably K-feldspar. It forms fine grains of 0.05 mm or less, interstitial to the quartz.

Quartz forms rounded anhedral grains up to 1 mm long, elongated parallel to the foliation. These have the appearance of possible former quartz 'eyes', and are made up of slightly strained sub-grains of 0.2-0.4 mm diameter. Quartz also makes up part of the groundmass, as finer grains 0.02-0.05 mm in diameter mixed with feldspars.

Layers of micaceous minerals are mainly muscovite, with minor remnants of bleached-out biotite, as flakes up to 1 mm long. They are mixed with occasional carbonate grains (calcite) up to 0.5 mm across, and finer-grained (less than 0.05 mm) calcite also occurs in other layers, probably mainly as a replacement of plagioclase, with fine-grained sericite. Thin veinlets of calcite, up to 0.3 mm thick, also cut through the layering.

Opaques are mostly pyrite, as subhedral grains up to 2 mm across, forming lenses that aggregate up to 5 mm long. There are rare small (0.05 mm or less) subhedral grains of sphene, with associated minute needles of ?rutile, distributed throughout.

I am reasonably certain that this was formerly a felsic volcanic, probably a rhyodacite or rhyolite. The abundant plagioclase phenocrysts and occasional remnants of former ?quartz eyes are distinctive when compared to any of the other samples in the suite. This rock is also distinctly less mafic than the others. Metamorphic grade looks lower, but may be about the same given the felsic composition.

88-DDH 04-14.20m: PYRITIC, QUARTZ-CHLORITE-AMPHIBOLE-EPIDOTE-MICA SCHIST

Dark green, mafic-looking rock, now a layered epidote-amphibole-quartz schist. Segregations of pyrite are common along foliation planes. In thin section, the modal mineralogy is:

Quartz	20%
Chlorite	20%
Amphibole (?hornblende)	15%
Epidote	15%
Muscovite	10%
Pyrite	10%
Relict plagioclase (sericitized)	5%
Biotite	3%
Sphene	2%
Carbonate	<1%

This was probably a mafic volcanic before metamorphism. It is now strongly foliated, with layers of coarse quartz alternating with layers of mafic minerals and almost completely sericitized plagioclase.

Quartz forms irregular lenses and layers that look like "sweats" since they also contain larger grains of minerals found in the adjacent layers. The quartz is anhedral and moderately strained (undulose extinction, sutured boundaries) and averages about 0.5 mm in diameter. Sulfides (mainly pyrite) seem to be associated with these sweats, which also have radial aggregates of amphibole growing into them (?post-deformation, since the rest of the amphibole is sub-parallel to the foliation).

Mafic layers consist mainly of amphibole, chlorite, and epidote, with interstitial masses of relict ?plagioclase that is now partially to completely replaced by sericite (0.01 mm) or coarser muscovite (up to 0.1 mm long). It is not clear whether the chlorite is replacing the amphibole; it should be a retrograde mineral, but this is not obvious in the section. The epidote and chlorite appear to be in equilibrium. Chlorite has a pale green pleochroism, and lacks anomalous interference colours. It forms flakes averaging 0.2-0.3 mm long aligned parallel to the foliation. Amphibole forms subhedral grains up to 0.5 mm long, also mainly aligned parallel to foliation. The pleochroism is in shades of green; it could be hornblende or actinolite. Epidote is common as rounded grains of 0.05 to 0.5 mm diameter; a very faint yellow pleochroism is apparent.

Sphene is abundant as 0.01 to 0.1 mm subhedral to euhedral grains, and carbonate is sparingly present as similar sized grains; usually both are closely associated with epidote. The abundance of sphene suggests a mafic volcanic protolith.

Metamorphic grade appears to have been lower amphibolite, possibly retrograded to greenschist facies. I would see no reason to suggest that this specimen was a skarn rock.

88-DDH 04-129.77m: EPIDOTE-AMPHIBOLE-QUARTZ-SPHENE SCHIST, POSSIBLY DERIVED FROM A VERY MAFIC VOLCANIC

This appears to be a similar rock to that at 14.2m, with alternating bands of light green epidote and darker green amphibole-rich rock. One large "augen" (?) of quartz is visible in the slab, and minor pyrite is present. In thin section, the mineralogy is relatively simple:

Epidote	35%
Amphibole (actinolitic?)	30%
Quartz	20%
Sphene	5%
Pyrite	3%
Chlorite	2%

The rock is composed of alternating bands of amphibole and epidote-quartz, approximately 2-10 mm thick. Amphibole forms feathery masses with the subhedral laths aligned subparallel to the layering. The average grain size is 0.2 to 0.3 mm long. The pale greenish pleochroism is very weak compared to the amphibole in the specimen from 14.2m, but stronger than the tremolite in other samples. The extinction angle is similar, about 16 degrees.

Epidote forms rounded, subhedral grains ranging from 0.01 mm (10 microns) up to 0.5 mm. They commonly aggregate to 1 mm across. They have typical lemon-yellow pleochroism, and are mixed with anhedral interstitial quartz grains of about 0.1 mm diameter.

Quartz also occurs as slightly strained, 0.2-0.3 mm diameter anhedral interlocking grains in a large "sweat". Calcite grains up to 0.1 mm, and similar sized epidote, occur in this quartz-rich area.

Pyrite forms subhedral grains of 0.1 to 1 mm size, usually restricted to the quartz-epidote areas as in the specimen from 14.2 m.

Grains of sphene may be very coarse, aggregating up to 0.5 mm, although composed of finer crystallites of 0.01-0.03 mm diameter. They may mark the sites of former titanium-bearing minerals.

Occasionally, flaky masses of chlorite up to 0.2 mm across fill interstices near pyrite. They do not appear to be replacing amphibole; rather, they appear to have crystallized separately.

This may have been derived from an very mafic rock: there is no suggestion of former plagioclase, and sphene is even more abundant than in the specimen from 14.2 m. Once again, I would hesitate to suggest that this was derived from a "skarn", but if field evidence suggests this was the case, the skarn was probably formed from a mafic volcanic rather than a limnestone protolith. Metamorphic grade could be lower amphibolite, or greenschist if the amphibole were primary.

APPENDIX II

Soil Geochemical Data

NOBLE PROJECT 1989 SSR GRID SOIL DATA

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
1424.75	24295.67	4800	6200	NA	.20	25.00	9.00	13.00	82.00
1424.13	24315.66	4800	6220	NA	.10	10.00	8.00	11.00	70.00
1423.50	24335.64	4800	6240	NA	.10	2.50	7.00	13.00	67.00
1422.88	24355.63	4800	6260	NA	.10	2.50	17.00	20.00	93.00
1422.26	24375.61	4800	6280	NA	.30	2.50	13.00	48.00	140.00
1421.63	24395.60	4800	6300	NA	.30	2.50	9.00	73.00	123.00
1421.01	24415.59	4800	6320	NA	.10	10.00	8.00	17.00	64.00
1420.39	24435.57	4800	6340	NA	.10	2.50	11.00	46.00	126.00
1419.76	24455.56	4800	6360	NA	.20	2.50	18.00	54.00	178.00
1419.14	24475.54	4800	6380	NA	.20	2.50	9.00	23.00	70.00
1418.52	24495.53	4800	6400	NA	.20	2.50	13.00	21.00	56.00
1417.89	24515.52	4800	6420	NA	.10	2.50	14.00	19.00	74.00
1417.27	24535.50	4800	6440	NA	.10	2.50	8.00	14.00	61.00
1416.65	24555.49	4800	6460	NA	.10	2.50	13.00	25.00	100.00
1416.03	24575.47	4800	6480	NA	.30	2.50	9.00	13.00	78.00
1415.40	24595.46	4800	6500	NA	.10	2.50	6.00	9.00	100.00
1414.78	24615.45	4800	6520	NA	.30	2.50	8.00	10.00	86.00
1414.16	24635.43	4800	6540	NA	.20	5.00	16.00	12.00	83.00
1413.53	24655.42	4800	6560	NA	.20	2.50	10.00	14.00	137.00
1412.91	24675.40	4800	6580	NA	.10	25.00	8.00	11.00	140.00
1412.29	24695.39	4800	6600	NA	.20	15.00	8.00	9.00	189.00
1411.66	24715.38	4800	6620	NA	.20	5.00	13.00	29.00	166.00
1411.04	24735.36	4800	6640	NA	.20	2.50	7.00	11.00	53.00
1410.42	24755.35	4800	6660	NA	.10	2.50	7.00	9.00	77.00
1409.79	24775.33	4800	6680	NA	.30	2.50	9.00	19.00	130.00
1409.17	24795.32	4800	6700	NA	.20	5.00	10.00	14.00	97.00
1635.95	24282.76	4900	6200	NA	.10	2.50	11.00	17.00	95.00
1632.61	24302.44	4900	6220	NA	.20	2.50	15.00	20.00	142.00
1629.26	24322.11	4900	6240	NA	.30	10.00	5.00	12.00	76.00
1625.92	24341.79	4900	6260	NA	.20	5.00	6.00	45.00	163.00
1622.57	24361.46	4900	6280	NA	.10	5.00	9.00	25.00	105.00
1619.23	24381.14	4900	6300	NA	.20	2.50	5.00	25.00	87.00
1615.88	24400.82	4900	6320	NA	.30	2.50	8.00	20.00	135.00
1612.54	24420.49	4900	6340	NA	.20	2.50	11.00	19.00	105.00
1609.19	24440.17	4900	6360	NA	.30	2.50	10.00	28.00	190.00
1605.85	24459.85	4900	6380	NA	.20	2.50	12.00	15.00	130.00
1602.51	24479.52	4900	6400	NA	.20	35.00	13.00	11.00	89.00
1599.16	24499.20	4900	6420	NA	.30	25.00	11.00	30.00	173.00
1595.82	24518.88	4900	6440	NA	.20	25.00	10.00	35.00	105.00
1592.47	24538.55	4900	6460	NA	.60	2.50	17.00	22.00	215.00
1589.13	24558.23	4900	6480	NA	.30	2.50	36.00	73.00	311.00
1585.78	24577.91	4900	6500	NA	.30	2.50	17.00	21.00	302.00

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
1582.44	24597.58	4900	6520	NA	.40	2.50	17.00	68.00	211.00
1579.10	24617.26	4900	6540	NA	.20	2.50	12.00	14.00	123.00
1575.75	24636.94	4900	6560	NA	.20	2.50	23.00	15.00	103.00
1572.41	24656.61	4900	6580	NA	.30	5.00	36.00	60.00	390.00
1569.06	24676.29	4900	6600	NA	.20	5.00	14.00	16.00	132.00
1565.72	24695.96	4900	6620	NA	.40	2.50	10.00	50.00	158.00
1562.37	24715.64	4900	6640	NA	.30	2.50	18.00	31.00	164.00
1559.03	24735.32	4900	6660	NA	.20	2.50	23.00	58.00	337.00
1555.68	24754.99	4900	6680	NA	.20	2.50	25.00	42.00	177.00
1552.34	24774.67	4900	6700	NA	.20	2.50	6.00	21.00	94.00
1765.55	24278.61	5000	6200	NA	.10	2.50	26.00	18.00	60.00
1761.94	24298.74	5000	6220	NA	.10	2.50	6.00	15.00	71.00
1758.33	24318.87	5000	6240	NA	.20	10.00	10.00	27.00	73.00
1754.71	24339.00	5000	6260	NA	.10	10.00	8.00	20.00	88.00
1751.10	24359.13	5000	6280	NA	.20	30.00	19.00	28.00	96.00
1747.49	24379.26	5000	6300	NA	1.40	15.00	43.00	52.00	125.00
1743.88	24399.39	5000	6320	NA	.70	15.00	56.00	61.00	400.00
1740.26	24419.52	5000	6340	NA	1.20	31.00	44.00	100.00	370.00
1736.65	24439.65	5000	6360	NA	.20	10.00	8.00	17.00	114.00
1733.04	24459.78	5000	6380	NA	.10	5.00	26.00	16.00	87.00
1729.43	24479.91	5000	6400	NA	.20	2.50	20.00	12.00	100.00
1725.81	24500.04	5000	6420	NA	.10	2.50	5.00	8.00	53.00
1722.20	24520.17	5000	6440	NA	.20	2.50	13.00	14.00	145.00
1718.59	24540.30	5000	6460	NA	.50	2.50	12.00	26.00	131.00
1714.98	24560.44	5000	6480	NA	.20	2.50	12.00	30.00	173.00
1711.36	24580.56	5000	6500	NA	.20	2.50	11.00	16.00	112.00
1707.75	24600.70	5000	6520	NA	.20	2.50	82.00	29.00	140.00
1704.14	24620.83	5000	6540	NA	.40	2.50	68.00	220.00	276.00
1700.53	24640.96	5000	6560	NA	.30	2.50	13.00	20.00	114.00
1696.91	24661.09	5000	6580	NA	.40	2.50	10.00	38.00	210.00
1693.30	24681.22	5000	6600	NA	.30	10.00	15.00	41.00	580.00
1689.69	24701.35	5000	6620	NA	.30	10.00	17.00	62.00	302.00
1686.08	24721.48	5000	6640	NA	.40	25.00	15.00	120.00	375.00
1682.46	24741.61	5000	6660	NA	.10	2.50	11.00	39.00	560.00
1678.85	24761.74	5000	6680	NA	1.20	35.00	180.00	170.00	1810.00
1675.24	24781.87	5000	6700	NA	.20	20.00	49.00	50.00	1170.00
1966.63	24294.17	5200	6200	NA	.90	10.00	52.00	28.00	338.00
1963.69	24313.85	5200	6220	NA	.40	30.00	30.00	22.00	304.00
1960.76	24333.52	5200	6240	NA	.30	20.00	20.00	31.00	406.00
1957.82	24353.20	5200	6260	NA	.40	15.00	35.00	25.00	1460.00
1954.88	24372.88	5200	6280	NA	.50	15.00	61.00	30.00	860.00
1951.94	24392.56	5200	6300	NA	1.20	10.00	122.00	53.00	940.00
1949.01	24412.23	5200	6320	NA	1.20	2.50	58.00	77.00	1200.00
1946.07	24431.91	5200	6340	NA	2.10	10.00	37.00	110.00	1520.00
1943.13	24451.59	5200	6360	NA	1.90	5.00	62.00	200.00	1760.00
1940.20	24471.26	5200	6380	NA	1.50	20.00	54.00	96.00	1050.00
1937.26	24490.94	5200	6400	NA	.30	15.00	20.00	45.00	335.00
1934.32	24510.62	5200	6420	NA	.30	10.00	32.00	47.00	280.00

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
1931.38	24530.30	5200	6440	NA	.30	20.00	18.00	313.00	257.00
1928.45	24549.97	5200	6460	NA	.20	20.00	27.00	62.00	860.00
1925.51	24569.65	5200	6480	NA	.40	25.00	29.00	297.00	800.00
1922.57	24589.33	5200	6500	NA	.50	30.00	20.00	153.00	305.00
1919.63	24609.01	5200	6520	NA	.30	45.00	27.00	60.00	520.00
1916.70	24628.68	5200	6540	NA	.20	35.00	16.00	30.00	182.00
1913.76	24648.36	5200	6560	NA	.20	30.00	11.00	50.00	228.00
1910.82	24668.04	5200	6580	NA	.50	45.00	15.00	32.00	184.00
1907.89	24687.71	5200	6600	NA	.30	45.00	18.00	20.00	137.00
1904.95	24707.39	5200	6620	NA	.20	15.00	9.00	20.00	120.00
1902.01	24727.07	5200	6640	NA	.10	20.00	5.00	12.00	88.00
1899.07	24746.75	5200	6660	NA	.20	20.00	16.00	23.00	134.00
1896.14	24766.42	5200	6680	NA	.10	15.00	11.00	20.00	103.00
1893.20	24786.10	5200	6700	NA	.40	15.00	48.00	20.00	126.00
2183.42	24321.21	5400	6200	NA	.20	10.00	26.00	26.00	104.00
2181.37	24341.12	5400	6220	NA	.10	25.00	15.00	21.00	153.00
2179.32	24361.03	5400	6240	NA	.10	40.00	15.00	18.00	104.00
2177.28	24380.93	5400	6260	NA	.10	45.00	16.00	34.00	78.00
2175.23	24400.84	5400	6280	NA	.40	35.00	16.00	30.00	115.00
2173.18	24420.75	5400	6300	NA	.90	40.00	32.00	114.00	201.00
2171.13	24440.65	5400	6320	NA	.60	30.00	24.00	32.00	376.00
2169.09	24460.56	5400	6340	NA	.90	40.00	33.00	50.00	313.00
2167.04	24480.47	5400	6360	NA	.20	30.00	34.00	82.00	303.00
2164.99	24500.38	5400	6380	NA	.10	15.00	32.00	57.00	258.00
2162.94	24520.28	5400	6400	NA	.20	25.00	8.00	29.00	100.00
2160.90	24540.19	5400	6420	NA	.30	10.00	12.00	96.00	213.00
2158.85	24560.10	5400	6440	NA	.20	15.00	15.00	72.00	251.00
2156.80	24580.00	5400	6460	NA	.20	15.00	12.00	47.00	193.00
2154.75	24599.91	5400	6480	NA	.30	15.00	23.00	134.00	500.00
2152.71	24619.82	5400	6500	NA	.40	10.00	20.00	138.00	270.00
2150.66	24639.73	5400	6520	NA	.10	25.00	16.00	57.00	256.00
2148.61	24659.63	5400	6540	NA	.20	20.00	17.00	102.00	280.00
2146.56	24679.54	5400	6560	NA	.20	2.50	17.00	66.00	175.00
2144.52	24699.45	5400	6580	NA	.20	10.00	19.00	100.00	245.00
2142.47	24719.36	5400	6600	NA	.40	10.00	20.00	37.00	274.00
2140.42	24739.26	5400	6620	NA	.20	40.00	12.00	40.00	177.00
2138.37	24759.17	5400	6640	NA	.20	50.00	27.00	80.00	278.00
2136.33	24779.08	5400	6660	NA	.20	25.00	8.00	51.00	102.00
2134.28	24798.98	5400	6680	NA	.20	35.00	11.00	48.00	187.00
2132.23	24818.89	5400	6700	NA	.80	50.00	91.00	85.00	118.00
2283.17	24213.88	5500	6100	NA	.10	45.00	15.00	62.00	100.00
2282.23	24233.83	5500	6120	NA	.20	45.00	18.00	26.00	120.00
2281.29	24253.77	5500	6140	NA	.10	20.00	15.00	25.00	100.00
2280.35	24273.72	5500	6160	NA	.70	40.00	9.00	17.00	117.00
2279.41	24293.67	5500	6180	NA	.20	40.00	17.00	20.00	164.00
2278.47	24313.62	5500	6200	NA	.10	2.50	21.00	28.00	100.00
2277.53	24333.57	5500	6220	NA	.10	20.00	35.00	33.00	216.00
2276.59	24353.52	5500	6240	NA	.20	35.00	15.00	20.00	106.00

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
2275.65	24373.47	5500	6260	NA	.20	25.00	13.00	28.00	204.00
2274.72	24393.42	5500	6280	NA	.30	2.50	44.00	29.00	163.00
2273.78	24413.37	5500	6300	NA	2.50	30.00	68.00	28.00	135.00
2272.84	24433.32	5500	6320	NA	1.60	30.00	61.00	85.00	300.00
2271.90	24453.27	5500	6340	NA	.30	40.00	30.00	86.00	280.00
2270.96	24473.21	5500	6360	NA	.30	40.00	40.00	142.00	500.00
2270.02	24493.16	5500	6380	NA	.40	10.00	20.00	122.00	270.00
2269.08	24513.11	5500	6400	NA	.20	15.00	16.00	75.00	341.00
2268.14	24533.06	5500	6420	NA	.10	5.00	23.00	65.00	264.00
2267.21	24553.01	5500	6440	NA	.30	2.50	48.00	96.00	370.00
2266.27	24572.96	5500	6460	NA	.70	2.50	20.00	85.00	268.00
2265.33	24592.91	5500	6480	NA	.40	2.50	14.00	50.00	282.00
2264.39	24612.86	5500	6500	NA	.40	15.00	18.00	81.00	370.00
2263.45	24632.81	5500	6520	NA	.50	15.00	13.00	167.00	256.00
2262.51	24652.76	5500	6540	NA	.20	2.50	16.00	62.00	470.00
2261.57	24672.70	5500	6560	NA	.20	2.50	15.00	13.00	213.00
2260.63	24692.65	5500	6580	NA	.20	2.50	22.00	13.00	1040.00
2259.69	24712.60	5500	6600	NA	.20	2.50	88.00	18.00	2450.00
2471.82	24227.28	5600	6100	NA	.10	2.50	26.00	21.00	136.00
2467.69	24246.80	5600	6120	NA	.10	2.50	10.00	26.00	70.00
2463.56	24266.32	5600	6140	NA	.10	2.50	25.00	23.00	128.00
2459.42	24285.85	5600	6160	NA	.40	10.00	58.00	30.00	190.00
2455.29	24305.37	5600	6180	NA	.10	2.50	37.00	21.00	340.00
2451.16	24324.89	5600	6200	NA	1.30	40.00	93.00	51.00	760.00
2447.03	24344.42	5600	6220	NA	.30	15.00	51.00	80.00	1180.00
2442.89	24363.94	5600	6240	NA	.60	2.50	47.00	196.00	630.00
2438.76	24383.46	5600	6260	NA	.20	25.00	26.00	78.00	374.00
2434.63	24402.98	5600	6280	NA	.30	10.00	17.00	60.00	333.00
2430.50	24422.51	5600	6300	NA	.20	10.00	26.00	61.00	700.00
2426.36	24442.03	5600	6320	NA	.10	25.00	16.00	31.00	630.00
2422.23	24461.55	5600	6340	NA	.20	30.00	12.00	38.00	640.00
2418.10	24481.08	5600	6360	NA	.60	5.00	16.00	65.00	258.00
2413.97	24500.60	5600	6380	NA	.30	2.50	80.00	122.00	370.00
2409.83	24520.12	5600	6400	NA	.40	15.00	16.00	106.00	730.00
2405.70	24539.64	5600	6420	NA	.30	10.00	13.00	70.00	405.00
2401.57	24559.17	5600	6440	NA	.50	2.50	31.00	390.00	870.00
2397.44	24578.69	5600	6460	NA	.20	5.00	16.00	96.00	267.00
2393.30	24598.21	5600	6480	NA	.10	5.00	15.00	18.00	152.00
2389.17	24617.74	5600	6500	NA	.90	15.00	20.00	40.00	1080.00
2385.04	24637.26	5600	6520	NA	.40	10.00	13.00	94.00	200.00
2380.91	24656.78	5600	6540	NA	.20	2.50	8.00	20.00	348.00
2376.77	24676.30	5600	6560	NA	.40	10.00	12.00	24.00	258.00
2372.64	24695.83	5600	6580	NA	.40	2.50	13.00	22.00	250.00
2368.51	24715.35	5600	6600	NA	.30	2.50	11.00	12.00	171.00
2512.69	24203.98	5700	6060	NA	.20	2.50	20.00	18.00	134.00
2512.30	24223.95	5700	6080	NA	.10	10.00	20.00	33.00	164.00
2511.92	24243.92	5700	6100	NA	.30	5.00	15.00	22.00	107.00
2511.53	24263.89	5700	6120	NA	.20	2.50	61.00	40.00	190.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
2511.14	24283.86	5700	6140	NA	.60	2.50	33.00	20.00	212.00
2510.76	24303.83	5700	6160	NA	.30	25.00	40.00	62.00	270.00
2510.37	24323.79	5700	6180	NA	.70	10.00	80.00	40.00	317.00
2509.99	24343.77	5700	6200	NA	.30	20.00	36.00	91.00	284.00
2509.60	24363.73	5700	6220	NA	.20	5.00	30.00	70.00	256.00
2509.21	24383.71	5700	6240	NA	.50	2.50	81.00	141.00	600.00
2508.83	24403.67	5700	6260	NA	.70	2.50	50.00	60.00	690.00
2508.44	24423.64	5700	6280	NA	.30	2.50	46.00	48.00	1640.00
2508.06	24443.61	5700	6300	NA	1.70	15.00	260.00	64.00	2400.00
2507.67	24463.58	5700	6320	NA	.30	2.50	90.00	60.00	1100.00
2507.29	24483.55	5700	6340	NA	.40	5.00	27.00	57.00	700.00
2506.90	24503.52	5700	6360	NA	.30	2.50	76.00	67.00	680.00
2506.51	24523.49	5700	6380	NA	.20	2.50	12.00	120.00	376.00
2506.13	24543.46	5700	6400	NA	.10	5.00	18.00	36.00	194.00
2505.74	24563.43	5700	6420	NA	.10	10.00	40.00	35.00	243.00
2504.97	24603.37	5700	6460	NA	.10	10.00	31.00	86.00	185.00
2504.58	24623.34	5700	6480	NA	.10	15.00	15.00	14.00	170.00
2504.20	24643.31	5700	6500	NA	.10	10.00	15.00	17.00	150.00
2503.81	24663.28	5700	6520	NA	.20	20.00	16.00	27.00	176.00
2503.43	24683.25	5700	6540	NA	.10	50.00	22.00	24.00	267.00
2602.60	24102.60	5800	5960	NA	.10	2.50	15.00	28.00	157.00
2599.91	24123.34	5800	5980	NA	.20	15.00	21.00	22.00	172.00
2591.84	24185.54	5800	6040	NA	.20	2.50	26.00	26.00	152.00
2589.15	24206.28	5800	6060	NA	.40	15.00	40.00	16.00	96.00
2586.46	24227.02	5800	6080	NA	.10	15.00	22.00	25.00	183.00
2583.77	24247.75	5800	6100	NA	.10	5.00	54.00	28.00	286.00
2581.08	24268.49	5800	6120	NA	.20	2.50	42.00	31.00	327.00
2578.39	24289.22	5800	6140	NA	.50	30.00	43.00	40.00	277.00
2575.70	24309.96	5800	6160	NA	.20	25.00	57.00	74.00	740.00
2573.01	24330.69	5800	6180	NA	.10	2.50	25.00	51.00	1200.00
2570.33	24351.43	5800	6200	NA	.10	2.50	25.00	65.00	890.00
2567.64	24372.17	5800	6220	NA	.20	10.00	26.00	51.00	231.00
2564.95	24392.90	5800	6240	NA	.20	30.00	13.00	23.00	114.00
2562.26	24413.64	5800	6260	NA	.10	10.00	9.00	15.00	113.00
2559.57	24434.37	5800	6280	NA	.30	5.00	62.00	85.00	580.00
2556.88	24455.11	5800	6300	NA	.20	15.00	40.00	63.00	1120.00
2554.19	24475.84	5800	6320	NA	.30	5.00	17.00	36.00	323.00
2551.50	24496.58	5800	6340	NA	.20	15.00	25.00	121.00	780.00
2548.81	24517.32	5800	6360	NA	.20	2.50	12.00	68.00	630.00
2546.12	24538.05	5800	6380	NA	.20	5.00	15.00	46.00	222.00
2543.43	24558.79	5800	6400	NA	.20	10.00	17.00	215.00	348.00
2540.74	24579.52	5800	6420	NA	.30	20.00	55.00	45.00	3400.00
2538.05	24600.26	5800	6440	NA	1.20	20.00	78.00	354.00	600.00
2715.84	24132.31	5900	5960	NA	.10	2.50	23.00	24.00	108.00
2715.54	24152.33	5900	5980	NA	.10	2.50	20.00	25.00	118.00
2715.24	24172.35	5900	6000	NA	.40	2.50	42.00	55.00	252.00
2714.94	24192.37	5900	6020	NA	.20	2.50	36.00	22.00	125.00
2714.64	24212.39	5900	6040	NA	.20	2.50	51.00	52.00	212.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
2714.34	24232.41	5900	6060	NA	.30	5.00	37.00	63.00	170.00
2714.04	24252.43	5900	6080	NA	.40	2.50	37.00	67.00	240.00
2713.74	24272.46	5900	6100	NA	.10	2.50	29.00	41.00	187.00
2713.45	24292.47	5900	6120	NA	.10	10.00	29.00	74.00	288.00
2713.15	24312.50	5900	6140	NA	.10	10.00	32.00	23.00	168.00
2710.75	24472.66	5900	6300	NA	.10	20.00	22.00	70.00	600.00
2710.45	24492.68	5900	6320	NA	.60	2.50	54.00	114.00	1160.00
2710.15	24512.70	5900	6340	NA	.10	25.00	16.00	38.00	1450.00
2709.85	24532.72	5900	6360	NA	.10	20.00	20.00	42.00	212.00
2709.55	24552.74	5900	6380	NA	.10	2.50	18.00	20.00	144.00
2709.25	24572.76	5900	6400	NA	.30	5.00	13.00	22.00	153.00
2708.95	24592.78	5900	6420	NA	.20	20.00	11.00	18.00	122.00
2708.65	24612.80	5900	6440	NA	.10	20.00	18.00	22.00	135.00
2816.38	24075.11	6000	5900	NA	.10	25.00	27.00	21.00	96.00
2815.25	24095.04	6000	5920	NA	.10	5.00	24.00	36.00	107.00
2814.12	24114.98	6000	5940	NA	.40	2.50	40.00	35.00	358.00
2812.99	24134.91	6000	5960	NA	.10	2.50	25.00	20.00	141.00
2811.85	24154.85	6000	5980	NA	.20	2.50	25.00	16.00	105.00
2810.72	24174.78	6000	6000	NA	.10	2.50	39.00	81.00	286.00
2809.59	24194.72	6000	6020	NA	.50	2.50	54.00	83.00	197.00
2808.46	24214.65	6000	6040	NA	.40	10.00	28.00	73.00	250.00
2807.33	24234.59	6000	6060	NA	.20	10.00	29.00	41.00	270.00
2806.20	24254.52	6000	6080	NA	.30	5.00	30.00	21.00	122.00
2805.06	24274.45	6000	6100	NA	.10	2.50	4.00	4.00	72.00
2803.93	24294.39	6000	6120	NA	.30	15.00	75.00	24.00	180.00
2802.80	24314.32	6000	6140	NA	.30	15.00	48.00	76.00	230.00
2801.67	24334.26	6000	6160	NA	.10	10.00	28.00	32.00	128.00
2800.54	24354.19	6000	6180	NA	.20	2.50	37.00	72.00	275.00
2799.41	24374.13	6000	6200	NA	.20	25.00	26.00	96.00	630.00
2797.14	24413.99	6000	6240	NA	.50	25.00	52.00	277.00	1930.00
2796.01	24433.93	6000	6260	NA	.40	10.00	17.00	61.00	224.00
2794.88	24453.86	6000	6280	NA	.20	10.00	20.00	173.00	337.00
2793.75	24473.80	6000	6300	NA	.20	2.50	14.00	41.00	126.00
2792.62	24493.73	6000	6320	NA	.30	5.00	21.00	93.00	205.00
2791.48	24513.67	6000	6340	NA	.10	2.50	15.00	13.00	72.00
2790.35	24533.60	6000	6360	NA	.10	5.00	12.00	15.00	75.00
2789.22	24553.54	6000	6380	NA	.10	2.50	12.00	14.00	76.00
2788.09	24573.47	6000	6400	NA	.10	2.50	30.00	27.00	130.00
2892.78	24039.54	6100	5860	NA	.10	2.50	25.00	23.00	127.00
2891.68	24059.12	6100	5880	NA	.20	2.50	32.00	27.00	197.00
2890.58	24078.70	6100	5900	NA	.50	2.50	88.00	47.00	260.00
2889.48	24098.28	6100	5920	NA	.40	2.50	52.00	74.00	272.00
2888.38	24117.85	6100	5940	NA	.40	2.50	16.00	13.00	91.00
2887.29	24137.43	6100	5960	NA	.40	2.50	45.00	100.00	352.00
2886.19	24157.01	6100	5980	NA	.40	5.00	57.00	90.00	308.00
2885.09	24176.58	6100	6000	NA	.40	2.50	37.00	47.00	153.00
2883.99	24196.16	6100	6020	NA	.40	2.50	15.00	12.00	228.00
2882.89	24215.74	6100	6040	NA	.30	10.00	49.00	35.00	200.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
2881.79	24235.31	6100	6060	NA	.40	2.50	27.00	30.00	96.00
2880.70	24254.89	6100	6080	NA	.50	2.50	44.00	33.00	183.00
2879.60	24274.47	6100	6100	NA	.20	2.50	14.00	22.00	110.00
2878.50	24294.05	6100	6120	NA	.20	2.50	18.00	26.00	220.00
2877.40	24313.62	6100	6140	NA	.60	10.00	32.00	74.00	384.00
2876.30	24333.20	6100	6160	NA	.50	2.50	8.00	100.00	164.00
2875.20	24352.78	6100	6180	NA	.20	2.50	13.00	38.00	187.00
2874.10	24372.36	6100	6200	NA	.40	2.50	11.00	72.00	176.00
2873.01	24391.93	6100	6220	NA	.20	2.50	11.00	56.00	188.00
2871.91	24411.51	6100	6240	NA	.20	2.50	11.00	31.00	120.00
2870.81	24431.09	6100	6260	NA	.20	2.50	11.00	24.00	134.00
2869.71	24450.66	6100	6280	NA	.20	2.50	12.00	215.00	230.00
2868.61	24470.24	6100	6300	NA	.30	2.50	25.00	62.00	245.00
2867.51	24489.82	6100	6320	NA	.20	2.50	13.00	32.00	166.00
2866.42	24509.39	6100	6340	NA	.10	2.50	12.00	12.00	103.00
2989.00	23993.64	6201	5800	NA	.20	2.50	24.00	90.00	220.00
2988.68	24013.58	6201	5820	NA	.10	2.50	22.00	30.00	147.00
2988.36	24033.51	6201	5840	NA	.20	2.50	35.00	42.00	270.00
2988.05	24053.45	6201	5860	NA	.50	2.50	82.00	121.00	375.00
2987.73	24073.38	6201	5880	NA	.30	2.50	53.00	70.00	250.00
2987.41	24093.32	6201	5900	NA	5.20	2.50	34.00	1070.00	700.00
2987.09	24113.26	6201	5920	NA	.30	2.50	33.00	92.00	148.00
2986.77	24133.19	6201	5940	NA	.20	2.50	12.00	10.00	160.00
2986.46	24153.13	6201	5960	NA	.20	2.50	36.00	26.00	360.00
2986.14	24173.06	6201	5980	NA	.30	2.50	34.00	28.00	520.00
2985.82	24193.00	6201	6000	NA	.20	2.50	33.00	13.00	240.00
2985.50	24212.94	6201	6020	NA	.10	2.50	27.00	14.00	133.00
2985.18	24232.87	6201	6040	NA	.30	130.00	33.00	15.00	122.00
2984.87	24252.81	6201	6060	NA	.20	15.00	32.00	23.00	225.00
2984.55	24272.74	6201	6080	NA	.20	5.00	25.00	32.00	190.00
2984.23	24292.68	6201	6100	NA	.30	2.50	24.00	60.00	200.00
2983.91	24312.62	6201	6120	NA	.20	100.00	13.00	27.00	122.00
2983.59	24332.55	6201	6140	NA	.10	25.00	16.00	18.00	110.00
2983.28	24352.49	6201	6160	NA	.60	2.50	8.00	49.00	168.00
2982.96	24372.42	6201	6180	NA	.20	2.50	16.00	39.00	158.00
2982.64	24392.36	6201	6200	NA	.20	2.50	14.00	15.00	103.00
2982.32	24412.29	6201	6220	NA	.10	2.50	16.00	19.00	102.00
2982.00	24432.23	6201	6240	NA	.20	2.50	9.00	16.00	109.00
2981.69	24452.17	6201	6260	NA	.20	2.50	9.00	10.00	82.00
2981.37	24472.10	6201	6280	NA	.10	2.50	9.00	11.00	96.00
2981.05	24492.04	6201	6300	NA	.10	2.50	19.00	11.00	123.00
3088.16	23980.61	6300	5760	NA	.30	2.50	31.00	27.00	120.00
3087.01	24000.62	6300	5780	NA	.40	2.50	41.00	32.00	178.00
3085.85	24020.63	6300	5800	NA	.50	2.50	36.00	31.00	145.00
3084.70	24040.64	6300	5820	NA	.20	5.00	69.00	114.00	262.00
3083.54	24060.65	6300	5840	NA	.20	2.50	33.00	49.00	272.00
3082.39	24080.66	6300	5860	NA	.40	5.00	55.00	56.00	375.00
3081.24	24100.66	6300	5880	NA	1.00	2.50	21.00	73.00	265.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3080.08	24120.67	6300	5900	NA	.70	25.00	20.00	43.00	209.00
3078.93	24140.68	6300	5920	NA	.20	2.50	21.00	26.00	128.00
3077.78	24160.69	6300	5940	NA	.20	15.00	23.00	32.00	152.00
3076.62	24180.70	6300	5960	NA	.70	2.50	34.00	58.00	155.00
3075.47	24200.71	6300	5980	NA	.70	2.50	37.00	22.00	184.00
3074.31	24220.71	6300	6000	NA	.20	2.50	31.00	12.00	800.00
3073.16	24240.72	6300	6020	NA	.50	2.50	40.00	24.00	340.00
3072.01	24260.73	6300	6040	NA	.90	2.50	76.00	13.00	1160.00
3070.85	24280.74	6300	6060	NA	.70	2.50	41.00	25.00	780.00
3069.70	24300.75	6300	6080	NA	.20	2.50	15.00	28.00	142.00
3068.54	24320.76	6300	6100	NA	.20	2.50	7.00	13.00	84.00
3067.39	24340.77	6300	6120	NA	.10	2.50	10.00	14.00	97.00
3066.24	24360.78	6300	6140	NA	.10	2.50	9.00	12.00	73.00
3065.08	24380.78	6300	6160	NA	.10	2.50	9.00	11.00	64.00
3063.93	24400.79	6300	6180	NA	.10	2.50	8.00	11.00	86.00
3062.77	24420.80	6300	6200	NA	.10	2.50	8.00	10.00	77.00
3061.62	24440.81	6300	6220	NA	.20	2.50	9.00	13.00	81.00
3060.47	24460.82	6300	6240	NA	.10	2.50	26.00	13.00	84.00
3188.92	23923.00	6401	5700	NA	.20	2.50	19.00	17.00	83.00
3187.08	23942.86	6401	5720	NA	.20	2.50	13.00	29.00	67.00
3185.23	23962.71	6401	5740	NA	.20	2.50	26.00	36.00	116.00
3183.39	23982.57	6401	5760	NA	.20	2.50	24.00	48.00	125.00
3181.55	24002.43	6401	5780	NA	.40	2.50	20.00	43.00	146.00
3179.70	24022.28	6401	5800	NA	.20	2.50	39.00	74.00	196.00
3177.86	24042.14	6401	5820	NA	.50	2.50	57.00	46.00	354.00
3176.01	24062.00	6401	5840	NA	.20	2.50	38.00	24.00	128.00
3174.17	24081.85	6401	5860	NA	.70	2.50	28.00	20.00	174.00
3172.33	24101.71	6401	5880	NA	.40	2.50	28.00	36.00	145.00
3170.48	24121.57	6401	5900	NA	.30	2.50	11.00	15.00	84.00
3168.64	24141.42	6401	5920	NA	.10	2.50	17.00	18.00	85.00
3166.80	24161.28	6401	5940	NA	.30	2.50	15.00	30.00	134.00
3164.95	24181.14	6401	5960	NA	.20	5.00	9.00	20.00	104.00
3163.11	24201.00	6401	5980	NA	.20	2.50	6.00	17.00	147.00
3161.27	24220.85	6401	6000	NA	.10	20.00	17.00	15.00	117.00
3159.42	24240.71	6401	6020	NA	.20	5.00	8.00	12.00	80.00
3157.58	24260.57	6401	6040	NA	.20	10.00	13.00	11.00	85.00
3155.74	24280.42	6401	6060	NA	.20	2.50	10.00	12.00	92.00
3153.89	24300.28	6401	6080	NA	.30	2.50	11.00	10.00	81.00
3152.05	24320.14	6401	6100	NA	.30	2.50	52.00	17.00	112.00
3150.20	24339.99	6401	6120	NA	.10	2.50	13.00	11.00	95.00
3148.36	24359.85	6401	6140	NA	.10	2.50	22.00	14.00	95.00
3146.52	24379.71	6401	6160	NA	.10	2.50	8.00	9.00	73.00
3144.67	24399.56	6401	6180	NA	.10	2.50	10.00	9.00	122.00
3142.83	24419.42	6401	6200	NA	.20	2.50	14.00	12.00	193.00
3274.47	23900.14	6500	5660	NA	.20	2.50	23.00	26.00	145.00
3272.66	23920.04	6500	5680	NA	1.20	2.50	44.00	40.00	205.00
3270.85	23939.93	6500	5700	NA	.30	2.50	47.00	26.00	254.00
3269.04	23959.83	6500	5720	NA	.30	2.50	34.00	24.00	116.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3267.23	23979.73	6500	5740	NA	.30	2.50	57.00	72.00	271.00
3263.62	24019.53	6500	5780	NA	.20	2.50	44.00	27.00	260.00
3261.81	24039.42	6500	5800	NA	.10	2.50	16.00	11.00	74.00
3260.00	24059.32	6500	5820	NA	.30	2.50	13.00	13.00	94.00
3258.19	24079.22	6500	5840	NA	.20	2.50	10.00	13.00	132.00
3256.38	24099.12	6500	5860	NA	.10	2.50	12.00	12.00	93.00
3254.57	24119.02	6500	5880	NA	.20	2.50	8.00	16.00	124.00
3252.76	24138.92	6500	5900	NA	.10	2.50	11.00	18.00	130.00
3250.95	24158.81	6500	5920	NA	.10	2.50	11.00	13.00	95.00
3249.14	24178.71	6500	5940	NA	.10	2.50	14.00	11.00	73.00
3247.33	24198.61	6500	5960	NA	.10	2.50	15.00	11.00	72.00
3245.52	24218.51	6500	5980	NA	.20	2.50	15.00	10.00	114.00
3243.71	24238.41	6500	6000	NA	.10	2.50	8.00	8.00	70.00
3241.90	24258.30	6500	6020	NA	.20	2.50	16.00	9.00	142.00
3240.09	24278.20	6500	6040	NA	.10	2.50	11.00	10.00	85.00
3238.28	24298.10	6500	6060	NA	.20	2.50	10.00	10.00	88.00
3236.48	24318.00	6500	6080	NA	.20	2.50	12.00	10.00	90.00
3234.67	24337.90	6500	6100	NA	.20	10.00	20.00	11.00	136.00
3232.86	24357.79	6500	6120	NA	.10	2.50	33.00	11.00	96.00
3231.05	24377.69	6500	6140	NA	.20	2.50	19.00	12.00	147.00
3382.12	23754.18	6600	5500	NA	.10	10.00	31.00	26.00	106.00
3380.33	23774.52	6600	5520	NA	.20	2.50	21.00	23.00	124.00
3378.48	23794.35	6600	5540	NA	.20	2.50	25.00	35.00	137.00
3376.64	23814.18	6600	5560	NA	.50	2.50	47.00	32.00	167.00
3374.79	23834.02	6600	5580	NA	.30	2.50	25.00	24.00	135.00
3372.95	23853.85	6600	5600	NA	.40	2.50	41.00	30.00	152.00
3371.11	23873.68	6600	5620	NA	.30	2.50	15.00	30.00	145.00
3369.26	23893.51	6600	5640	NA	.50	2.50	40.00	45.00	244.00
3367.42	23913.34	6600	5660	NA	.60	2.50	50.00	43.00	144.00
3365.57	23933.17	6600	5680	NA	.80	2.50	53.00	203.00	350.00
3363.73	23953.01	6600	5700	NA	.30	2.50	42.00	24.00	300.00
3361.89	23972.84	6600	5720	NA	.30	2.50	84.00	37.00	352.00
3360.04	23992.67	6600	5740	NA	.10	2.50	60.00	31.00	128.00
3358.20	24012.50	6600	5760	NA	.30	2.50	68.00	68.00	318.00
3356.35	24032.33	6600	5780	NA	1.20	2.50	92.00	11.00	203.00
3354.51	24052.16	6600	5800	NA	.20	2.50	40.00	33.00	146.00
3352.67	24072.00	6600	5820	NA	.20	10.00	14.00	31.00	192.00
3350.82	24091.83	6600	5840	NA	.20	15.00	18.00	18.00	118.00
3348.98	24111.66	6600	5860	NA	.20	10.00	24.00	14.00	123.00
3347.13	24131.49	6600	5880	NA	.30	2.50	26.00	38.00	128.00
3345.29	24151.32	6600	5900	NA	.10	2.50	26.00	12.00	100.00
3343.45	24171.15	6600	5920	NA	.20	10.00	59.00	16.00	78.00
3341.60	24190.99	6600	5940	NA	.10	10.00	20.00	11.00	104.00
3339.76	24210.82	6600	5960	NA	.10	2.50	6.00	8.00	80.00
3337.91	24230.65	6600	5980	NA	.20	5.00	13.00	10.00	107.00
3336.07	24250.48	6600	6000	NA	.20	2.50	22.00	14.00	258.00
3481.07	23745.90	6700	5460	NA	.20	2.50	22.00	29.00	95.00
3479.01	23765.87	6700	5480	NA	.30	2.50	18.00	21.00	105.00

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UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3476.95	23785.83	6700	5500	NA	.20	2.50	20.00	25.00	192.00
3474.90	23805.79	6700	5520	NA	.30	2.50	34.00	48.00	200.00
3472.84	23825.76	6700	5540	NA	.20	2.50	27.00	28.00	143.00
3470.79	23845.72	6700	5560	NA	.30	2.50	23.00	26.00	113.00
3468.73	23865.69	6700	5580	NA	.20	2.50	17.00	15.00	101.00
3466.67	23885.65	6700	5600	NA	.10	2.50	27.00	30.00	142.00
3464.62	23905.61	6700	5620	NA	.40	2.50	88.00	107.00	325.00
3462.56	23925.58	6700	5640	NA	1.00	2.50	21.00	147.00	390.00
3460.50	23945.54	6700	5660	NA	.20	2.50	37.00	23.00	233.00
3456.39	23985.47	6700	5700	NA	.50	2.50	53.00	13.00	230.00
3454.34	24005.43	6700	5720	NA	.40	2.50	268.00	56.00	180.00
3452.28	24025.40	6700	5740	NA	.50	5.00	92.00	144.00	800.00
3450.22	24045.36	6700	5760	NA	.20	2.50	23.00	33.00	215.00
3448.17	24065.32	6700	5780	NA	.10	2.50	40.00	37.00	151.00
3446.11	24085.29	6700	5800	NA	.20	10.00	15.00	16.00	110.00
3444.05	24105.25	6700	5820	NA	.20	2.50	19.00	16.00	88.00
3442.00	24125.22	6700	5840	NA	.20	2.50	74.00	15.00	100.00
3439.94	24145.18	6700	5860	NA	.10	2.50	89.00	143.00	343.00
3437.89	24165.14	6700	5880	NA	.10	2.50	18.00	14.00	110.00
3435.83	24185.11	6700	5900	NA	.10	2.50	8.00	15.00	202.00
3433.77	24205.07	6700	5920	NA	.10	2.50	57.00	17.00	93.00
3431.72	24225.04	6700	5940	NA	.10	2.50	15.00	12.00	77.00
3580.40	23692.97	6800	5400	NA	.10	2.50	16.00	24.00	67.00
3577.16	23712.63	6800	5420	NA	.10	2.50	11.00	24.00	127.00
3573.92	23732.28	6800	5440	NA	.20	2.50	6.00	20.00	58.00
3570.68	23751.94	6800	5460	NA	.10	2.50	8.00	16.00	184.00
3567.45	23771.59	6800	5480	NA	.20	2.50	16.00	14.00	108.00
3564.21	23791.25	6800	5500	NA	.10	20.00	11.00	10.00	73.00
3560.97	23810.90	6800	5520	NA	.20	25.00	10.00	28.00	156.00
3557.73	23830.56	6800	5540	NA	.10	2.50	23.00	25.00	77.00
3554.49	23850.21	6800	5560	NA	.10	10.00	23.00	55.00	208.00
3551.25	23869.87	6800	5580	NA	.30	10.00	28.00	51.00	570.00
3548.02	23889.53	6800	5600	NA	.70	20.00	58.00	103.00	630.00
3544.78	23909.18	6800	5620	NA	.20	15.00	15.00	21.00	85.00
3541.54	23928.84	6800	5640	NA	.10	2.50	16.00	21.00	127.00
3538.30	23948.49	6800	5660	NA	.40	2.50	70.00	41.00	357.00
3535.06	23968.15	6800	5680	NA	.60	2.50	1010.00	15.00	93.00
3531.82	23987.80	6800	5700	NA	.30	2.50	71.00	47.00	170.00
3528.59	24007.46	6800	5720	NA	.40	2.50	22.00	45.00	100.00
3525.35	24027.12	6800	5740	NA	.50	2.50	32.00	68.00	92.00
3522.11	24046.77	6800	5760	NA	.20	2.50	32.00	39.00	95.00
3518.87	24066.43	6800	5780	NA	.20	2.50	22.00	89.00	70.00
3515.63	24086.08	6800	5800	NA	.20	2.50	18.00	28.00	75.00
3512.39	24105.74	6800	5820	NA	.20	2.50	23.00	13.00	83.00
3509.16	24125.39	6800	5840	NA	.20	2.50	42.00	13.00	120.00
3505.92	24145.05	6800	5860	NA	.20	2.50	13.00	11.00	80.00
3502.68	24164.70	6800	5880	NA	.10	10.00	31.00	15.00	81.00
3499.44	24184.36	6800	5900	NA	.10	20.00	42.00	12.00	112.00

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UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3685.23	23628.06	6900	5300	NA	.10	2.50	9.00	14.00	65.00
3682.38	23649.05	6900	5320	NA	.10	15.00	13.00	19.00	74.00
3679.52	23670.03	6900	5340	NA	.80	2.50	19.00	25.00	120.00
3676.67	23691.01	6900	5360	NA	.20	15.00	12.00	25.00	94.00
3673.81	23711.99	6900	5380	NA	.30	20.00	15.00	23.00	110.00
3670.95	23732.97	6900	5400	NA	.20	2.50	16.00	22.00	81.00
3668.10	23753.96	6900	5420	NA	.10	2.50	31.00	24.00	98.00
3665.24	23774.94	6900	5440	NA	.40	2.50	50.00	72.00	840.00
3662.39	23795.92	6900	5460	NA	.10	2.50	9.00	42.00	94.00
3659.53	23816.90	6900	5480	NA	.30	2.50	18.00	33.00	206.00
3656.68	23837.88	6900	5500	NA	.20	5.00	16.00	34.00	117.00
3653.82	23858.86	6900	5520	NA	.30	10.00	14.00	37.00	154.00
3650.97	23879.85	6900	5540	NA	.20	2.50	12.00	23.00	50.00
3648.11	23900.83	6900	5560	NA	.10	20.00	11.00	25.00	87.00
3645.26	23921.81	6900	5580	NA	.10	5.00	10.00	15.00	80.00
3642.40	23942.79	6900	5600	NA	.10	5.00	6.00	11.00	50.00
3636.69	23984.75	6900	5640	NA	.60	2.50	76.00	18.00	305.00
3633.84	24005.74	6900	5660	NA	.30	15.00	20.00	32.00	165.00
3630.98	24026.72	6900	5680	NA	.20	10.00	33.00	32.00	116.00
3628.13	24047.70	6900	5700	NA	.30	5.00	31.00	53.00	94.00
3625.27	24068.68	6900	5720	NA	.20	10.00	10.00	12.00	52.00
3622.41	24089.66	6900	5740	NA	.10	10.00	12.00	13.00	68.00
3619.56	24110.64	6900	5760	NA	.10	10.00	12.00	17.00	102.00
3616.70	24131.63	6900	5780	NA	.10	2.50	22.00	13.00	96.00
3613.85	24152.61	6900	5800	NA	.20	2.50	9.00	13.00	94.00
6005.35	22543.42	9200	4000	8.00	.20	2.50	46.00	25.00	115.00
6006.19	22563.73	9200	4020	3.00	.20	2.50	21.00	19.00	94.00
6007.03	22584.04	9200	4040	5.00	.20	2.50	22.00	22.00	120.00
6007.87	22604.35	9200	4060	5.00	.30	2.50	55.00	27.00	122.00
6008.71	22624.67	9200	4080	8.00	.20	2.50	55.00	27.00	104.00
6009.55	22644.98	9200	4100	8.00	.20	2.50	40.00	29.00	119.00
6010.39	22665.29	9200	4120	8.00	.30	2.50	44.00	36.00	150.00
6011.23	22685.60	9200	4140	5.00	.40	2.50	36.00	29.00	135.00
6012.07	22705.91	9200	4160	4.00	.30	2.50	31.00	40.00	133.00
6012.91	22726.22	9200	4180	3.00	.30	2.50	21.00	31.00	126.00
6013.75	22746.53	9200	4200	1.00	.30	2.50	28.00	34.00	131.00
6014.59	22766.85	9200	4220	6.00	.30	5.00	33.00	37.00	143.00
6015.43	22787.16	9200	4240	5.00	.40	10.00	23.00	19.00	102.00
6016.27	22807.47	9200	4260	5.00	.10	10.00	24.00	23.00	112.00
6017.11	22827.78	9200	4280	4.00	.40	2.50	48.00	31.00	145.00
6017.95	22848.09	9200	4300	1.00	.20	5.00	26.00	29.00	140.00
6018.79	22868.40	9200	4320	9.00	.70	NSS	91.00	56.00	200.00
6019.63	22888.71	9200	4340	1.00	.70	20.00	NSS	27.00	83.00
6028.87	23112.14	9200	4560	2.00	.10	2.50	15.00	17.00	178.00
6029.71	23132.45	9200	4580	3.00	.20	2.50	21.00	19.00	180.00
6030.55	23152.76	9200	4600	5.00	.70	2.50	58.00	19.00	120.00
6031.39	23173.07	9200	4620	7.00	.30	2.50	44.00	40.00	107.00
6032.23	23193.38	9200	4640	11.00	.30	2.50	45.00	17.00	113.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6033.07	23213.70	9200	4660	6.00	.20	2.50	40.00	18.00	103.00
6033.91	23234.01	9200	4680	4.00	.10	2.50	50.00	33.00	266.00
6034.75	23254.32	9200	4700	6.00	.50	2.50	33.00	23.00	182.00
6035.59	23274.63	9200	4720	3.00	.20	2.50	32.00	22.00	154.00
6036.43	23294.94	9200	4740	2.00	.40	2.50	42.00	18.00	100.00
6037.27	23315.25	9200	4760	1.00	.30	2.50	28.00	17.00	83.00
6038.11	23335.56	9200	4780	11.00	.40	2.50	45.00	580.00	2800.00
6038.95	23355.88	9200	4800	1.00	.20	2.50	20.00	22.00	158.00
6039.79	23376.19	9200	4820	2.00	.20	2.50	18.00	28.00	180.00
6040.63	23396.50	9200	4840	1.00	.10	2.50	18.00	21.00	108.00
6041.47	23416.81	9200	4860	4.00	.10	2.50	41.00	20.00	138.00
6042.31	23437.12	9200	4880	3.00	.10	2.50	30.00	20.00	103.00
6043.15	23457.43	9200	4900	1.00	.10	2.50	39.00	16.00	96.00
6043.99	23477.74	9200	4920	4.00	.10	2.50	10.00	11.00	120.00
6044.83	23498.06	9200	4940	6.00	.60	2.50	70.00	15.00	81.00
6045.67	23518.37	9200	4960	7.00	.20	2.50	64.00	25.00	110.00
6046.51	23538.68	9200	4980	1.00	.20	2.50	12.00	11.00	78.00
6047.35	23558.99	9200	5000	7.00	.20	2.50	33.00	18.00	70.00
6098.79	22549.90	9300	4000	1.00	PA	15.00	PA	PA	PA
6099.63	22569.99	9300	4020	1.00	PA	10.00	PA	PA	PA
6100.47	22590.08	9300	4040	1.00	PA	5.00	PA	PA	PA
6101.32	22610.17	9300	4060	6.00	PA	2.50	PA	PA	PA
6102.16	22630.26	9300	4080	7.00	PA	2.50	PA	PA	PA
6103.00	22650.35	9300	4100	3.00	PA	2.50	PA	PA	PA
6103.84	22670.45	9300	4120	1.00	PA	2.50	PA	PA	PA
6104.69	22690.54	9300	4140	3.00	PA	2.50	PA	PA	PA
6105.53	22710.63	9300	4160	6.00	PA	2.50	PA	PA	PA
6106.37	22730.72	9300	4180	2.00	PA	2.50	PA	PA	PA
6107.21	22750.81	9300	4200	4.00	PA	7.00	PA	PA	PA
6108.06	22770.90	9300	4220	3.00	PA	2.50	PA	PA	PA
6108.90	22790.99	9300	4240	2.00	PA	2.50	PA	PA	PA
6109.74	22811.08	9300	4260	2.00	PA	2.50	PA	PA	PA
6110.58	22831.17	9300	4280	12.00	PA	2.50	PA	PA	PA
6111.43	22851.26	9300	4300	1.00	PA	2.50	PA	PA	PA
6112.27	22871.35	9300	4320	4.00	PA	2.50	PA	PA	PA
6113.11	22891.44	9300	4340	8.00	PA	10.00	PA	PA	PA
6113.95	22911.54	9300	4360	4.00	PA	15.00	PA	PA	PA
6114.80	22931.63	9300	4380	8.00	PA	15.00	PA	PA	PA
6115.64	22951.72	9300	4400	4.00	PA	25.00	PA	PA	PA
6116.48	22971.81	9300	4420	7.00	PA	15.00	PA	PA	PA
6117.32	22991.90	9300	4440	4.00	PA	10.00	PA	PA	PA
6118.17	23011.99	9300	4460	6.00	PA	15.00	PA	PA	PA
6119.01	23032.08	9300	4480	1.00	PA	10.00	PA	PA	PA
6119.85	23052.17	9300	4500	7.00	PA	15.00	PA	PA	PA
6120.69	23072.26	9300	4520	60.00	PA	15.00	PA	PA	PA
6121.53	23092.35	9300	4540	3.00	PA	2.50	PA	PA	PA
6122.38	23112.44	9300	4560	9.00	PA	2.50	PA	PA	PA
6123.22	23132.53	9300	4580	1.00	PA	2.50	PA	PA	PA

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6124.06	23152.62	9300	4600	3.00	PA	2.50	PA	PA	PA
6124.90	23172.71	9300	4620	7.00	PA	2.50	PA	PA	PA
6125.75	23192.80	9300	4640	1.00	PA	2.50	PA	PA	PA
6126.59	23212.90	9300	4660	4.00	PA	2.50	PA	PA	PA
6127.43	23232.99	9300	4680	1.00	PA	2.50	PA	PA	PA
6128.27	23253.08	9300	4700	5.00	PA	2.50	PA	PA	PA
6129.12	23273.17	9300	4720	3.00	PA	2.50	PA	PA	PA
6129.96	23293.26	9300	4740	1.00	PA	2.50	PA	PA	PA
6130.80	23313.35	9300	4760	3.00	PA	2.50	PA	PA	PA
6131.64	23333.44	9300	4780	2.00	PA	2.50	PA	PA	PA
6132.49	23353.53	9300	4800	1.00	PA	2.50	PA	PA	PA
6133.33	23373.62	9300	4820	1.00	PA	2.50	PA	PA	PA
6134.17	23393.71	9300	4840	4.00	PA	2.50	PA	PA	PA
6135.01	23413.80	9300	4860	1.00	PA	2.50	PA	PA	PA
6135.86	23433.89	9300	4880	11.00	PA	2.50	PA	PA	PA
6136.70	23453.99	9300	4900	1.00	PA	2.50	PA	PA	PA
6137.54	23474.08	9300	4920	1.00	PA	2.50	PA	PA	PA
6138.38	23494.17	9300	4940	4.00	PA	2.50	PA	PA	PA
6139.23	23514.26	9300	4960	2.00	PA	2.50	PA	PA	PA
6140.07	23534.35	9300	4980	5.00	PA	2.50	PA	PA	PA
6140.91	23554.44	9300	5000	3.00	PA	2.50	PA	PA	PA
6142.07	23574.51	9300	5020	3.00	PA	15.00	PA	PA	PA
6143.23	23594.57	9300	5040	NSS	PA	2.50	PA	PA	PA
6144.39	23614.64	9300	5060	NSS	PA	2.50	PA	PA	PA
6145.55	23634.71	9300	5080	2.00	PA	20.00	PA	PA	PA
6146.71	23654.77	9300	5100	3.00	PA	15.00	PA	PA	PA
6147.87	23674.84	9300	5120	2.00	PA	10.00	PA	PA	PA
6149.03	23694.91	9300	5140	1.00	PA	10.00	PA	PA	PA
6150.19	23714.97	9300	5160	2.00	PA	35.00	PA	PA	PA
6151.35	23735.04	9300	5180	2.00	PA	15.00	PA	PA	PA
6152.51	23755.11	9300	5200	3.00	PA	2.50	PA	PA	PA
6153.67	23775.17	9300	5220	7.00	PA	2.50	PA	PA	PA
6154.83	23795.24	9300	5240	2.00	PA	10.00	PA	PA	PA
6155.98	23815.31	9300	5260	4.00	PA	2.50	PA	PA	PA
6157.14	23835.38	9300	5280	2.00	PA	2.50	PA	PA	PA
6158.30	23855.44	9300	5300	6.00	PA	2.50	PA	PA	PA
6159.46	23875.51	9300	5320	2.00	PA	2.50	PA	PA	PA
6160.62	23895.57	9300	5340	1.00	PA	2.50	PA	PA	PA
6161.78	23915.64	9300	5360	5.00	PA	2.50	PA	PA	PA
6162.94	23935.71	9300	5380	15.00	PA	2.50	PA	PA	PA
6164.10	23955.78	9300	5400	4.00	PA	2.50	PA	PA	PA
6165.26	23975.84	9300	5420	5.00	PA	2.50	PA	PA	PA
6166.42	23995.91	9300	5440	40.00	PA	2.50	PA	PA	PA
6167.58	24015.98	9300	5460	1.00	PA	2.50	PA	PA	PA
6168.74	24036.04	9300	5480	1.00	PA	2.50	PA	PA	PA
6169.90	24056.11	9300	5500	1.00	PA	2.50	PA	PA	PA
6204.01	22537.92	9400	4000	1.00	.10	2.50	11.00	18.00	89.00
6204.89	22558.18	9400	4020	9.00	.10	2.50	25.00	22.00	112.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6205.76	22578.44	9400	4040	6.00	.10	2.50	19.00	17.00	106.00
6206.64	22598.70	9400	4060	10.00	.10	2.50	31.00	17.00	80.00
6207.52	22618.96	9400	4080	12.00	.10	2.50	23.00	17.00	75.00
6208.40	22639.22	9400	4100	12.00	.30	15.00	43.00	33.00	106.00
6209.27	22659.48	9400	4120	6.00	.10	2.50	24.00	15.00	75.00
6210.15	22679.74	9400	4140	43.00	.40	30.00	33.00	37.00	85.00
6211.03	22700.00	9400	4160	20.00	.20	2.50	36.00	70.00	351.00
6211.91	22720.26	9400	4180	8.00	.20	2.50	24.00	23.00	175.00
6212.78	22740.52	9400	4200	7.00	.10	2.50	25.00	51.00	152.00
6213.66	22760.78	9400	4220	4.00	.20	2.50	19.00	20.00	90.00
6214.54	22781.04	9400	4240	5.00	.20	2.50	25.00	19.00	135.00
6215.42	22801.29	9400	4260	4.00	.20	2.50	24.00	30.00	110.00
6216.29	22821.55	9400	4280	1.00	.10	5.00	21.00	21.00	101.00
6217.17	22841.81	9400	4300	8.00	.20	2.50	21.00	19.00	131.00
6218.05	22862.07	9400	4320	10.00	.30	2.50	37.00	26.00	121.00
6218.93	22882.33	9400	4340	1.00	.20	2.50	29.00	21.00	124.00
6219.80	22902.59	9400	4360	3.00	.20	15.00	26.00	17.00	152.00
6220.68	22922.85	9400	4380	10.00	.40	2.50	67.00	30.00	188.00
6221.56	22943.11	9400	4400	8.00	.30	2.50	56.00	30.00	129.00
6222.44	22963.37	9400	4420	13.00	.60	2.50	90.00	32.00	139.00
6223.31	22983.63	9400	4440	5.00	.30	2.50	46.00	21.00	90.00
6224.19	23003.89	9400	4460	11.00	.30	2.50	49.00	27.00	116.00
6225.07	23024.15	9400	4480	13.00	.30	2.50	110.00	44.00	195.00
6225.94	23044.41	9400	4500	11.00	.30	5.00	70.00	27.00	140.00
6226.82	23064.67	9400	4520	4.00	.30	2.50	81.00	19.00	88.00
6227.70	23084.93	9400	4540	2.00	.50	2.50	68.00	22.00	82.00
6228.58	23105.19	9400	4560	5.00	.40	2.50	33.00	17.00	184.00
6229.45	23125.45	9400	4580	5.00	.30	2.50	30.00	17.00	112.00
6230.33	23145.71	9400	4600	8.00	.20	2.50	42.00	25.00	86.00
6231.21	23165.97	9400	4620	3.00	.10	2.50	28.00	14.00	78.00
6232.09	23186.23	9400	4640	4.00	.10	2.50	12.00	12.00	103.00
6232.96	23206.49	9400	4660	2.00	.10	2.50	21.00	16.00	87.00
6233.84	23226.75	9400	4680	6.00	.10	2.50	15.00	12.00	110.00
6234.72	23247.01	9400	4700	1.00	.10	5.00	12.00	7.00	60.00
6235.60	23267.27	9400	4720	1.00	.10	2.50	23.00	21.00	90.00
6236.47	23287.53	9400	4740	1.00	.10	10.00	33.00	31.00	109.00
6237.35	23307.79	9400	4760	5.00	.10	2.50	31.00	32.00	108.00
6238.23	23328.04	9400	4780	1.00	.10	10.00	19.00	10.00	40.00
6239.11	23348.30	9400	4800	1.00	.10	2.50	22.00	12.00	85.00
6239.98	23368.56	9400	4820	1.00	.10	2.50	39.00	13.00	104.00
6240.86	23388.82	9400	4840	1.00	.10	2.50	28.00	24.00	124.00
6241.74	23409.08	9400	4860	1.00	.10	2.50	29.00	17.00	67.00
6242.62	23429.34	9400	4880	11.00	.10	2.50	38.00	14.00	89.00
6243.49	23449.60	9400	4900	7.00	.10	NSS	48.00	11.00	61.00
6244.37	23469.86	9400	4920	36.00	.20	NSS	62.00	16.00	85.00
6245.25	23490.12	9400	4940	14.00	.20	NSS	41.00	16.00	64.00
6246.13	23510.38	9400	4960	3.00	.10	2.50	24.00	14.00	75.00
6247.00	23530.64	9400	4980	4.00	.10	2.50	22.00	14.00	76.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6247.88	23550.90	9400	5000	4.00	.10	2.50	22.00	14.00	76.00
6305.01	22539.38	9500	4000	5.00	PA	2.50	PA	PA	PA
6305.77	22559.58	9500	4020	4.00	PA	2.50	PA	PA	PA
6306.52	22579.77	9500	4040	1.00	PA	2.50	PA	PA	PA
6307.28	22599.97	9500	4060	2.00	PA	2.50	PA	PA	PA
6308.04	22620.16	9500	4080	3.00	PA	2.50	PA	PA	PA
6308.80	22640.36	9500	4100	2.00	PA	2.50	PA	PA	PA
6309.55	22660.55	9500	4120	1.00	PA	2.50	PA	PA	PA
6310.31	22680.75	9500	4140	5.00	PA	2.50	PA	PA	PA
6311.07	22700.95	9500	4160	5.00	PA	2.50	PA	PA	PA
6311.83	22721.14	9500	4180	2.00	PA	5.00	PA	PA	PA
6312.58	22741.34	9500	4200	2.00	PA	10.00	PA	PA	PA
6313.34	22761.53	9500	4220	7.00	PA	10.00	PA	PA	PA
6314.10	22781.73	9500	4240	4.00	PA	2.50	PA	PA	PA
6314.86	22801.92	9500	4260	4.00	PA	2.50	PA	PA	PA
6315.61	22822.12	9500	4280	3.00	PA	2.50	PA	PA	PA
6316.37	22842.31	9500	4300	3.00	PA	2.50	PA	PA	PA
6317.13	22862.51	9500	4320	5.00	PA	2.50	PA	PA	PA
6317.89	22882.71	9500	4340	18.00	PA	2.50	PA	PA	PA
6318.64	22902.90	9500	4360	12.00	PA	2.50	PA	PA	PA
6319.40	22923.10	9500	4380	8.00	PA	2.50	PA	PA	PA
6320.16	22943.29	9500	4400	5.00	PA	2.50	PA	PA	PA
6320.92	22963.49	9500	4420	9.00	PA	15.00	PA	PA	PA
6321.67	22983.68	9500	4440	25.00	PA	10.00	PA	PA	PA
6322.43	23003.88	9500	4460	16.00	PA	11.00	PA	PA	PA
6323.19	23024.07	9500	4480	12.00	PA	10.00	PA	PA	PA
6323.94	23044.27	9500	4500	2.00	PA	2.50	PA	PA	PA
6324.70	23064.47	9500	4520	10.00	PA	15.00	PA	PA	PA
6325.46	23084.66	9500	4540	10.00	PA	2.50	PA	PA	PA
6326.22	23104.86	9500	4560	8.00	PA	13.00	PA	PA	PA
6326.97	23125.05	9500	4580	11.00	PA	NSS	PA	PA	PA
6327.73	23145.25	9500	4600	6.00	PA	2.50	PA	PA	PA
6328.49	23165.44	9500	4620	7.00	PA	2.50	PA	PA	PA
6329.25	23185.64	9500	4640	5.00	PA	2.50	PA	PA	PA
6330.00	23205.84	9500	4660	8.00	PA	2.50	PA	PA	PA
6330.76	23226.03	9500	4680	1.00	PA	15.00	PA	PA	PA
6331.52	23246.23	9500	4700	3.00	PA	10.00	PA	PA	PA
6332.28	23266.42	9500	4720	1.00	PA	10.00	PA	PA	PA
6333.03	23286.62	9500	4740	7.00	PA	6.00	PA	PA	PA
6333.79	23306.81	9500	4760	1.00	PA	10.00	PA	PA	PA
6334.55	23327.01	9500	4780	3.00	PA	2.50	PA	PA	PA
6335.31	23347.21	9500	4800	5.00	PA	2.50	PA	PA	PA
6336.06	23367.40	9500	4820	6.00	PA	10.00	PA	PA	PA
6336.82	23387.60	9500	4840	4.00	PA	7.00	PA	PA	PA
6337.58	23407.79	9500	4860	5.00	PA	2.50	PA	PA	PA
6338.34	23427.99	9500	4880	7.00	PA	10.00	PA	PA	PA
6339.09	23448.18	9500	4900	5.00	PA	2.50	PA	PA	PA
6339.85	23468.38	9500	4920	5.00	PA	2.50	PA	PA	PA

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6340.61	23488.57	9500	4940	8.00	PA	10.00	PA	PA	PA
6341.37	23508.77	9500	4960	1.00	PA	2.50	PA	PA	PA
6342.12	23528.96	9500	4980	12.00	PA	2.50	PA	PA	PA
6342.88	23549.16	9500	5000	17.00	PA	2.50	PA	PA	PA
6343.67	23569.25	9500	5020	6.00	PA	2.50	PA	PA	PA
6344.46	23589.35	9500	5040	8.00	PA	2.50	PA	PA	PA
6345.26	23609.44	9500	5060	4.00	PA	2.50	PA	PA	PA
6346.05	23629.53	9500	5080	5.00	PA	2.50	PA	PA	PA
6346.84	23649.62	9500	5100	5.00	PA	2.50	PA	PA	PA
6347.63	23669.71	9500	5120	5.00	PA	2.50	PA	PA	PA
6348.42	23689.81	9500	5140	5.00	PA	2.50	PA	PA	PA
6349.21	23709.90	9500	5160	1.00	PA	2.50	PA	PA	PA
6350.01	23729.99	9500	5180	2.00	PA	2.50	PA	PA	PA
6350.80	23750.09	9500	5200	4.00	PA	2.50	PA	PA	PA
6351.59	23770.18	9500	5220	2.00	PA	2.50	PA	PA	PA
6352.38	23790.27	9500	5240	4.00	PA	5.00	PA	PA	PA
6353.17	23810.36	9500	5260	2.00	PA	25.00	PA	PA	PA
6353.97	23830.46	9500	5280	3.00	PA	2.50	PA	PA	PA
6354.76	23850.55	9500	5300	8.00	PA	2.50	PA	PA	PA
6355.55	23870.64	9500	5320	3.00	PA	2.50	PA	PA	PA
6356.34	23890.73	9500	5340	14.00	PA	2.50	PA	PA	PA
6357.13	23910.83	9500	5360	6.00	PA	2.50	PA	PA	PA
6357.92	23930.92	9500	5380	7.00	PA	2.50	PA	PA	PA
6358.72	23951.01	9500	5400	9.00	PA	2.50	PA	PA	PA
6359.51	23971.10	9500	5420	5.00	PA	2.50	PA	PA	PA
6360.30	23991.20	9500	5440	9.00	PA	2.50	PA	PA	PA
6361.09	24011.29	9500	5460	5.00	PA	2.50	PA	PA	PA
6361.88	24031.38	9500	5480	2.00	PA	2.50	PA	PA	PA
6362.67	24051.47	9500	5500	6.00	PA	15.00	PA	PA	PA
6405.84	22531.09	9600	4000	3.00	.10	2.50	10.00	18.00	106.00
6406.77	22551.17	9600	4020	1.00	.30	2.50	70.00	31.00	160.00
6407.69	22571.25	9600	4040	5.00	.10	2.50	24.00	17.00	100.00
6408.62	22591.33	9600	4060	1.00	.10	2.50	23.00	16.00	89.00
6409.54	22611.41	9600	4080	1.00	.10	2.50	18.00	25.00	107.00
6410.47	22631.49	9600	4100	1.00	.10	10.00	22.00	20.00	94.00
6411.39	22651.57	9600	4120	1.00	.10	2.50	12.00	16.00	95.00
6412.32	22671.65	9600	4140	1.00	.10	15.00	14.00	14.00	90.00
6413.25	22691.73	9600	4160	1.00	.10	45.00	18.00	17.00	80.00
6414.17	22711.81	9600	4180	4.00	.10	15.00	15.00	16.00	96.00
6415.10	22731.89	9600	4200	1.00	.10	2.50	4.00	9.00	38.00
6416.02	22751.97	9600	4220	1.00	.10	2.50	19.00	13.00	70.00
6416.95	22772.05	9600	4240	1.00	.10	5.00	21.00	18.00	66.00
6417.88	22792.13	9600	4260	5.00	.10	2.50	29.00	20.00	95.00
6418.80	22812.21	9600	4280	1.00	.10	5.00	29.00	19.00	113.00
6419.73	22832.29	9600	4300	1.00	.10	10.00	15.00	14.00	115.00
6420.65	22852.37	9600	4320	3.00	.10	2.50	24.00	17.00	76.00
6421.58	22872.45	9600	4340	5.00	.10	5.00	22.00	21.00	158.00
6422.50	22892.53	9600	4360	7.00	.10	2.50	20.00	17.00	76.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6423.43	22912.61	9600	4380	5.00	.10	2.50	19.00	19.00	111.00
6424.36	22932.69	9600	4400	6.00	.10	2.50	15.00	15.00	103.00
6425.28	22952.77	9600	4420	5.00	.10	10.00	11.00	14.00	116.00
6426.21	22972.85	9600	4440	1.00	.10	2.50	9.00	16.00	46.00
6427.13	22992.93	9600	4460	9.00	.20	2.50	28.00	31.00	98.00
6428.06	23013.01	9600	4480	3.00	.10	2.50	13.00	14.00	50.00
6428.98	23033.09	9600	4500	7.00	.10	2.50	22.00	15.00	73.00
6429.91	23053.17	9600	4520	8.00	.30	2.50	24.00	21.00	111.00
6430.84	23073.25	9600	4540	4.00	.10	2.50	17.00	12.00	113.00
6431.76	23093.33	9600	4560	8.00	.30	2.50	77.00	29.00	157.00
6432.69	23113.41	9600	4580	7.00	.20	2.50	15.00	17.00	225.00
6433.61	23133.49	9600	4600	8.00	.10	2.50	22.00	10.00	60.00
6434.54	23153.57	9600	4620	5.00	.10	2.50	12.00	12.00	74.00
6435.47	23173.65	9600	4640	3.00	.10	2.50	13.00	12.00	65.00
6436.39	23193.73	9600	4660	3.00	.10	2.50	13.00	24.00	96.00
6437.32	23213.81	9600	4680	4.00	.10	2.50	13.00	18.00	80.00
6438.24	23233.89	9600	4700	5.00	.10	5.00	11.00	10.00	65.00
6439.17	23253.97	9600	4720	3.00	.20	2.50	16.00	9.00	91.00
6440.09	23274.05	9600	4740	4.00	.10	2.50	13.00	11.00	86.00
6441.02	23294.13	9600	4760	4.00	.10	2.50	10.00	9.00	50.00
6441.95	23314.21	9600	4780	4.00	.10	2.50	9.00	13.00	79.00
6442.87	23334.29	9600	4800	2.00	.10	2.50	11.00	13.00	77.00
6443.80	23354.37	9600	4820	6.00	.10	2.50	8.00	7.00	68.00
6444.72	23374.45	9600	4840	1.00	.10	2.50	4.00	4.00	31.00
6445.65	23394.53	9600	4860	6.00	.10	2.50	8.00	11.00	80.00
6446.58	23414.61	9600	4880	6.00	.10	2.50	13.00	20.00	91.00
6447.50	23434.69	9600	4900	8.00	.10	2.50	8.00	9.00	76.00
6448.43	23454.77	9600	4920	4.00	.10	2.50	7.00	8.00	63.00
6449.35	23474.85	9600	4940	8.00	.10	2.50	27.00	11.00	76.00
6450.28	23494.93	9600	4960	6.00	.10	2.50	17.00	12.00	70.00
6451.20	23515.01	9600	4980	13.00	.10	2.50	23.00	11.00	91.00
6452.13	23535.09	9600	5000	11.00	.10	2.50	15.00	12.00	57.00
6504.65	22539.90	9700	4000	4.00	PA	2.50	PA	PA	PA
6505.41	22559.93	9700	4020	3.00	PA	2.50	PA	PA	PA
6506.18	22579.96	9700	4040	7.00	PA	2.50	PA	PA	PA
6506.94	22599.99	9700	4060	7.00	PA	2.50	PA	PA	PA
6507.71	22620.02	9700	4080	8.00	PA	2.50	PA	PA	PA
6508.47	22640.05	9700	4100	12.00	PA	2.50	PA	PA	PA
6509.23	22660.08	9700	4120	7.00	PA	15.00	PA	PA	PA
6510.00	22680.11	9700	4140	6.00	PA	5.00	PA	PA	PA
6510.76	22700.14	9700	4160	2.00	PA	15.00	PA	PA	PA
6511.53	22720.17	9700	4180	5.00	PA	2.50	PA	PA	PA
6512.29	22740.20	9700	4200	7.00	PA	2.50	PA	PA	PA
6513.05	22760.23	9700	4220	12.00	PA	2.50	PA	PA	PA
6513.82	22780.26	9700	4240	3.00	PA	10.00	PA	PA	PA
6514.58	22800.29	9700	4260	3.00	PA	2.50	PA	PA	PA
6515.35	22820.32	9700	4280	2.00	PA	10.00	PA	PA	PA
6516.11	22840.35	9700	4300	6.00	PA	35.00	PA	PA	PA

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6516.87	22860.38	9700	4320	3.00	PA	30.00	PA	PA	PA
6517.64	22880.41	9700	4340	5.00	PA	38.00	PA	PA	PA
6518.40	22900.44	9700	4360	5.00	PA	75.00	PA	PA	PA
6519.17	22920.47	9700	4380	15.00	PA	55.00	PA	PA	PA
6519.93	22940.50	9700	4400	13.00	PA	40.00	PA	PA	PA
6520.69	22960.53	9700	4420	6.00	PA	55.00	PA	PA	PA
6521.46	22980.56	9700	4440	47.00	PA	110.00	PA	PA	PA
6522.22	23000.59	9700	4460	66.00	PA	35.00	PA	PA	PA
6522.99	23020.62	9700	4480	117.00	PA	100.00	PA	PA	PA
6523.75	23040.65	9700	4500	10.00	PA	35.00	PA	PA	PA
6524.51	23060.68	9700	4520	9.00	PA	200.00	PA	PA	PA
6525.28	23080.71	9700	4540	4.00	PA	40.00	PA	PA	PA
6526.04	23100.74	9700	4560	1.00	PA	40.00	PA	PA	PA
6526.81	23120.77	9700	4580	8.00	PA	30.00	PA	PA	PA
6527.57	23140.80	9700	4600	3.00	PA	35.00	PA	PA	PA
6528.33	23160.83	9700	4620	1.00	PA	35.00	PA	PA	PA
6529.10	23180.86	9700	4640	3.00	PA	43.00	PA	PA	PA
6529.86	23200.89	9700	4660	1.00	PA	2.50	PA	PA	PA
6530.63	23220.92	9700	4680	5.00	PA	10.00	PA	PA	PA
6531.39	23240.95	9700	4700	2.00	PA	5.00	PA	PA	PA
6532.15	23260.98	9700	4720	6.00	PA	2.50	PA	PA	PA
6532.92	23281.01	9700	4740	4.00	PA	2.50	PA	PA	PA
6533.68	23301.04	9700	4760	3.00	PA	2.50	PA	PA	PA
6534.45	23321.07	9700	4780	8.00	PA	2.50	PA	PA	PA
6535.21	23341.10	9700	4800	6.00	PA	2.50	PA	PA	PA
6535.97	23361.13	9700	4820	3.00	PA	2.50	PA	PA	PA
6536.74	23381.16	9700	4840	1.00	PA	2.50	PA	PA	PA
6537.50	23401.19	9700	4860	1.00	PA	2.50	PA	PA	PA
6538.27	23421.22	9700	4880	5.00	PA	2.50	PA	PA	PA
6539.03	23441.25	9700	4900	7.00	PA	2.50	PA	PA	PA
6539.79	23461.28	9700	4920	3.00	PA	2.50	PA	PA	PA
6540.56	23481.31	9700	4940	9.00	PA	2.50	PA	PA	PA
6541.32	23501.34	9700	4960	8.00	PA	2.50	PA	PA	PA
6542.09	23521.37	9700	4980	14.00	PA	2.50	PA	PA	PA
6542.85	23541.40	9700	5000	16.00	PA	2.50	PA	PA	PA
6592.79	22533.57	9800	4000	12.00	.30	2.50	45.00	20.00	150.00
6593.86	22553.65	9800	4020	13.00	.60	2.50	81.00	32.00	117.00
6594.93	22573.74	9800	4040	42.00	1.10	2.50	130.00	44.00	136.00
6596.00	22593.82	9800	4060	7.00	.50	10.00	56.00	26.00	119.00
6597.07	22613.90	9800	4080	9.00	.60	2.50	61.00	28.00	163.00
6598.14	22633.99	9800	4100	8.00	.50	2.50	60.00	41.00	134.00
6599.22	22654.07	9800	4120	7.00	.20	2.50	20.00	24.00	147.00
6600.29	22674.15	9800	4140	12.00	.20	2.50	37.00	28.00	118.00
6601.36	22694.23	9800	4160	8.00	.40	2.50	36.00	28.00	113.00
6602.43	22714.32	9800	4180	6.00	.20	2.50	22.00	24.00	127.00
6603.50	22734.40	9800	4200	9.00	.10	2.50	22.00	31.00	107.00
6604.57	22754.48	9800	4220	5.00	.10	2.50	25.00	30.00	116.00
6605.64	22774.57	9800	4240	6.00	.10	2.50	22.00	28.00	151.00

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UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6606.71	22794.65	9800	4260	7.00	.10	2.50	18.00	16.00	74.00
6607.78	22814.73	9800	4280	7.00	.10	2.50	24.00	31.00	92.00
6608.85	22834.81	9800	4300	10.00	.10	2.50	20.00	26.00	113.00
6609.93	22854.90	9800	4320	11.00	.10	2.50	22.00	21.00	78.00
6611.00	22874.98	9800	4340	11.00	.10	2.50	36.00	21.00	90.00
6612.07	22895.06	9800	4360	15.00	.20	2.50	58.00	23.00	107.00
6613.14	22915.14	9800	4380	17.00	.10	2.50	32.00	20.00	97.00
6614.21	22935.23	9800	4400	12.00	.10	2.50	63.00	34.00	155.00
6615.28	22955.31	9800	4420	12.00	.30	2.50	70.00	28.00	130.00
6616.35	22975.39	9800	4440	9.00	.10	2.50	48.00	22.00	113.00
6617.42	22995.48	9800	4460	7.00	.10	2.50	38.00	19.00	109.00
6618.49	23015.56	9800	4480	8.00	.10	2.50	31.00	19.00	135.00
6619.56	23035.64	9800	4500	9.00	.10	2.50	24.00	16.00	96.00
6620.64	23055.72	9800	4520	8.00	.10	2.50	36.00	64.00	160.00
6621.71	23075.81	9800	4540	8.00	.10	2.50	13.00	15.00	68.00
6622.78	23095.89	9800	4560	3.00	.10	2.50	12.00	13.00	102.00
6623.85	23115.97	9800	4580	6.00	.20	2.50	8.00	10.00	105.00
6624.92	23136.05	9800	4600	11.00	.30	2.50	52.00	14.00	84.00
6625.99	23156.14	9800	4620	8.00	.10	2.50	10.00	15.00	125.00
6627.06	23176.22	9800	4640	5.00	.10	2.50	10.00	12.00	53.00
6628.13	23196.30	9800	4660	1.00	.10	2.50	6.00	6.00	25.00
6629.20	23216.39	9800	4680	3.00	.10	2.50	11.00	9.00	53.00
6630.27	23236.47	9800	4700	7.00	.10	2.50	13.00	18.00	88.00
6631.35	23256.55	9800	4720	10.00	.10	5.00	9.00	12.00	45.00
6632.42	23276.63	9800	4740	6.00	.10	10.00	7.00	8.00	47.00
6633.49	23296.72	9800	4760	1.00	.20	5.00	10.00	8.00	28.00
6636.70	23356.97	9800	4820	1.00	.10	2.50	16.00	3.00	12.00
6637.77	23377.05	9800	4840	2.00	.10	2.50	15.00	4.00	12.00
6638.84	23397.13	9800	4860	23.00	.80	33.00	130.00	23.00	93.00
6639.91	23417.21	9800	4880	16.00	.10	15.00	36.00	18.00	79.00
6640.98	23437.30	9800	4900	1.00	.10	10.00	9.00	13.00	104.00
6643.13	23477.46	9800	4940	7.00	.10	15.00	8.00	8.00	48.00
6644.20	23497.54	9800	4960	7.00	.10	2.50	9.00	14.00	88.00
6645.27	23517.63	9800	4980	4.00	.10	2.50	10.00	8.00	73.00
6646.34	23537.71	9800	5000	8.00	.10	2.50	25.00	13.00	90.00
6708.40	22531.37	9900	4000	13.00	PA	2.50	PA	PA	PA
6709.12	22551.45	9900	4020	6.00	PA	2.50	PA	PA	PA
6709.83	22571.54	9900	4040	5.00	PA	15.00	PA	PA	PA
6710.55	22591.62	9900	4060	22.00	PA	15.00	PA	PA	PA
6711.26	22611.70	9900	4080	4.00	PA	2.50	PA	PA	PA
6711.98	22631.78	9900	4100	1.00	PA	2.50	PA	PA	PA
6712.69	22651.87	9900	4120	7.00	PA	2.50	PA	PA	PA
6713.41	22671.95	9900	4140	9.00	PA	10.00	PA	PA	PA
6714.12	22692.03	9900	4160	6.00	PA	2.50	PA	PA	PA
6714.84	22712.11	9900	4180	10.00	PA	20.00	PA	PA	PA
6715.55	22732.20	9900	4200	8.00	PA	30.00	PA	PA	PA
6716.27	22752.28	9900	4220	8.00	PA	2.50	PA	PA	PA
6716.98	22772.36	9900	4240	7.00	PA	5.00	PA	PA	PA

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6717.70	22792.44	9900	4260	8.00	PA	2.50	PA	PA	PA
6718.41	22812.53	9900	4280	13.00	PA	2.50	PA	PA	PA
6719.13	22832.61	9900	4300	3.00	PA	2.50	PA	PA	PA
6719.84	22852.69	9900	4320	12.00	PA	NSS	PA	PA	PA
6720.56	22872.77	9900	4340	9.00	PA	20.00	PA	PA	PA
6721.27	22892.86	9900	4360	25.00	PA	2.50	PA	PA	PA
6721.99	22912.94	9900	4380	7.00	PA	10.00	PA	PA	PA
6722.70	22933.02	9900	4400	8.00	PA	2.50	PA	PA	PA
6723.42	22953.10	9900	4420	7.00	PA	2.50	PA	PA	PA
6724.13	22973.19	9900	4440	3.00	PA	2.50	PA	PA	PA
6724.85	22993.27	9900	4460	7.00	PA	2.50	PA	PA	PA
6725.56	23013.35	9900	4480	6.00	PA	10.00	PA	PA	PA
6726.28	23033.43	9900	4500	5.00	PA	25.00	PA	PA	PA
6727.00	23053.52	9900	4520	9.00	PA	20.00	PA	PA	PA
6727.71	23073.60	9900	4540	8.00	PA	2.50	PA	PA	PA
6728.43	23093.68	9900	4560	1.00	PA	2.50	PA	PA	PA
6729.14	23113.77	9900	4580	2.00	PA	30.00	PA	PA	PA
6729.86	23133.85	9900	4600	2.00	PA	2.50	PA	PA	PA
6730.57	23153.93	9900	4620	1.00	PA	2.50	PA	PA	PA
6731.29	23174.01	9900	4640	2.00	PA	2.50	PA	PA	PA
6732.00	23194.10	9900	4660	8.00	PA	2.50	PA	PA	PA
6732.72	23214.18	9900	4680	1.00	PA	2.50	PA	PA	PA
6733.43	23234.26	9900	4700	2.00	PA	2.50	PA	PA	PA
6734.15	23254.34	9900	4720	1.00	PA	2.50	PA	PA	PA
6734.86	23274.43	9900	4740	6.00	PA	2.50	PA	PA	PA
6735.58	23294.51	9900	4760	1.00	PA	2.50	PA	PA	PA
6736.29	23314.59	9900	4780	2.00	PA	2.50	PA	PA	PA
6737.01	23334.67	9900	4800	2.00	PA	2.50	PA	PA	PA
6737.72	23354.76	9900	4820	4.00	PA	20.00	PA	PA	PA
6738.44	23374.84	9900	4840	1.00	PA	5.00	PA	PA	PA
6741.30	23455.17	9900	4920	8.00	PA	2.50	PA	PA	PA
6742.01	23475.25	9900	4940	5.00	PA	2.50	PA	PA	PA
6742.73	23495.33	9900	4960	12.00	PA	2.50	PA	PA	PA
6743.44	23515.42	9900	4980	10.00	PA	2.50	PA	PA	PA
6744.16	23535.50	9900	5000	6.00	PA	2.50	PA	PA	PA
6784.65	22530.57	10000	4000	9.00	.10	20.00	25.00	54.00	178.00
6785.88	22550.56	10000	4020	9.00	.10	10.00	18.00	20.00	79.00
6787.12	22570.55	10000	4040	15.00	.10	35.00	24.00	28.00	104.00
6788.35	22590.54	10000	4060	8.00	.10	45.00	10.00	22.00	127.00
6789.58	22610.52	10000	4080	14.00	.30	40.00	57.00	42.00	245.00
6790.81	22630.51	10000	4100	21.00	.50	NSS	100.00	48.00	160.00
6792.05	22650.50	10000	4120	18.00	.40	67.00	87.00	46.00	125.00
6793.28	22670.49	10000	4140	20.00	.30	25.00	92.00	35.00	129.00
6794.51	22690.47	10000	4160	17.00	.30	2.50	50.00	28.00	96.00
6795.75	22710.46	10000	4180	13.00	.20	2.50	52.00	29.00	104.00
6796.98	22730.45	10000	4200	11.00	.30	2.50	40.00	22.00	96.00
6798.21	22750.44	10000	4220	7.00	.10	2.50	26.00	10.00	63.00
6799.45	22770.43	10000	4240	12.00	.20	2.50	30.00	16.00	113.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6800.68	22790.41	10000	4260	20.00	.20	2.50	45.00	21.00	112.00
6801.91	22810.40	10000	4280	9.00	.10	25.00	12.00	16.00	145.00
6803.14	22830.39	10000	4300	8.00	.10	2.50	18.00	13.00	110.00
6804.38	22850.38	10000	4320	6.00	.20	2.50	14.00	14.00	85.00
6805.61	22870.37	10000	4340	19.00	.40	NSS	46.00	20.00	91.00
6806.84	22890.35	10000	4360	10.00	.10	2.50	13.00	16.00	109.00
6808.08	22910.34	10000	4380	4.00	.10	2.50	11.00	12.00	74.00
6809.31	22930.33	10000	4400	6.00	.30	2.50	19.00	15.00	69.00
6810.54	22950.32	10000	4420	7.00	.20	2.50	33.00	15.00	120.00
6811.78	22970.30	10000	4440	7.00	.20	2.50	25.00	14.00	103.00
6814.24	23010.28	10000	4480	3.00	.10	2.50	24.00	13.00	81.00
6815.47	23030.27	10000	4500	10.00	.10	5.00	16.00	17.00	98.00
6816.71	23050.25	10000	4520	6.00	.20	20.00	11.00	15.00	115.00
6817.94	23070.24	10000	4540	7.00	.10	15.00	8.00	10.00	72.00
6819.17	23090.23	10000	4560	8.00	.10	20.00	4.00	8.00	32.00
6820.41	23110.22	10000	4580	8.00	.10	20.00	14.00	14.00	97.00
6821.64	23130.21	10000	4600	6.00	.10	25.00	7.00	11.00	87.00
6822.87	23150.19	10000	4620	9.00	.10	30.00	4.00	9.00	54.00
6824.11	23170.18	10000	4640	8.00	.10	20.00	4.00	10.00	61.00
6825.34	23190.17	10000	4660	6.00	.20	10.00	6.00	17.00	90.00
6826.57	23210.16	10000	4680	7.00	.10	5.00	9.00	10.00	75.00
6827.80	23230.14	10000	4700	8.00	.10	2.50	9.00	9.00	91.00
6829.04	23250.13	10000	4720	8.00	.10	2.50	5.00	10.00	50.00
6830.27	23270.12	10000	4740	11.00	.10	2.50	9.00	12.00	77.00
6831.50	23290.11	10000	4760	6.00	.10	2.50	6.00	12.00	81.00
6832.74	23310.10	10000	4780	8.00	.10	2.50	13.00	10.00	56.00
6833.97	23330.08	10000	4800	13.00	.10	2.50	10.00	15.00	68.00
6835.20	23350.07	10000	4820	6.00	.10	2.50	23.00	13.00	41.00
6836.44	23370.06	10000	4840	6.00	.10	2.50	5.00	11.00	53.00
6837.67	23390.05	10000	4860	5.00	.10	2.50	9.00	12.00	90.00
6838.90	23410.04	10000	4880	4.00	.10	10.00	9.00	13.00	99.00
6840.13	23430.02	10000	4900	12.00	.10	15.00	13.00	12.00	98.00
6841.37	23450.01	10000	4920	2.00	.10	5.00	3.00	8.00	38.00
6842.60	23470.00	10000	4940	19.00	.20	10.00	47.00	16.00	91.00
6843.83	23489.99	10000	4960	14.00	.10	20.00	18.00	10.00	66.00
6845.07	23509.97	10000	4980	24.00	.20	15.00	22.00	10.00	104.00
6846.30	23529.96	10000	5000	26.00	PA	2.50	PA	PA	PA
6846.30	23529.96	10000	5000	44.00	.40	20.00	56.00	20.00	103.00
6847.53	23549.95	10000	5020	9.00	PA	2.50	PA	PA	PA
6848.77	23569.94	10000	5040	16.00	PA	2.50	PA	PA	PA
6850.00	23589.92	10000	5060	9.00	PA	2.50	PA	PA	PA
6851.23	23609.91	10000	5080	9.00	PA	2.50	PA	PA	PA
6852.46	23629.90	10000	5100	8.00	PA	2.50	PA	PA	PA
6853.70	23649.89	10000	5120	17.00	PA	2.50	PA	PA	PA
6854.93	23669.88	10000	5140	4.00	PA	2.50	PA	PA	PA
6856.16	23689.86	10000	5160	5.00	PA	2.50	PA	PA	PA
6857.40	23709.85	10000	5180	4.00	PA	2.50	PA	PA	PA
6858.63	23729.84	10000	5200	4.00	PA	2.50	PA	PA	PA

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6859.86	23749.83	10000	5220	7.00	PA	2.50	PA	PA	PA
6861.10	23769.81	10000	5240	1.00	PA	2.50	PA	PA	PA
6862.33	23789.80	10000	5260	9.00	PA	2.50	PA	PA	PA
6863.56	23809.79	10000	5280	8.00	PA	2.50	PA	PA	PA
6864.79	23829.78	10000	5300	12.00	PA	2.50	PA	PA	PA
6866.03	23849.77	10000	5320	4.00	PA	2.50	PA	PA	PA
6867.26	23869.75	10000	5340	4.00	PA	2.50	PA	PA	PA
6868.49	23889.74	10000	5360	25.00	PA	2.50	PA	PA	PA
6869.73	23909.73	10000	5380	3.00	PA	2.50	PA	PA	PA
6870.96	23929.72	10000	5400	8.00	PA	2.50	PA	PA	PA
6872.19	23949.71	10000	5420	6.00	PA	2.50	PA	PA	PA
6873.43	23969.69	10000	5440	4.00	PA	2.50	PA	PA	PA
6874.66	23989.68	10000	5460	3.00	PA	2.50	PA	PA	PA
6875.89	24009.67	10000	5480	1.00	PA	2.50	PA	PA	PA
6877.13	24029.66	10000	5500	1.00	PA	2.50	PA	PA	PA
6907.85	22526.81	10100	4000	8.00	PA	2.50	PA	PA	PA
6908.61	22546.81	10100	4020	8.00	PA	2.50	PA	PA	PA
6909.38	22566.82	10100	4040	7.00	PA	2.50	PA	PA	PA
6910.14	22586.82	10100	4060	21.00	PA	2.50	PA	PA	PA
6910.90	22606.83	10100	4080	7.00	PA	2.50	PA	PA	PA
6911.67	22626.83	10100	4100	7.00	PA	2.50	PA	PA	PA
6912.43	22646.84	10100	4120	4.00	PA	2.50	PA	PA	PA
6913.19	22666.84	10100	4140	10.00	PA	2.50	PA	PA	PA
6913.96	22686.85	10100	4160	10.00	PA	2.50	PA	PA	PA
6914.72	22706.85	10100	4180	5.00	PA	2.50	PA	PA	PA
6915.48	22726.86	10100	4200	8.00	PA	2.50	PA	PA	PA
6916.25	22746.86	10100	4220	9.00	PA	2.50	PA	PA	PA
6917.01	22766.87	10100	4240	6.00	PA	2.50	PA	PA	PA
6917.77	22786.87	10100	4260	6.00	PA	2.50	PA	PA	PA
6918.53	22806.88	10100	4280	4.00	PA	2.50	PA	PA	PA
6919.30	22826.88	10100	4300	3.00	PA	2.50	PA	PA	PA
6920.06	22846.88	10100	4320	7.00	PA	2.50	PA	PA	PA
6920.82	22866.89	10100	4340	1.00	PA	2.50	PA	PA	PA
6921.59	22886.89	10100	4360	5.00	PA	2.50	PA	PA	PA
6922.35	22906.90	10100	4380	3.00	PA	2.50	PA	PA	PA
6923.11	22926.90	10100	4400	6.00	PA	2.50	PA	PA	PA
6923.88	22946.91	10100	4420	6.00	PA	2.50	PA	PA	PA
6924.64	22966.91	10100	4440	2.00	PA	2.50	PA	PA	PA
6925.40	22986.92	10100	4460	8.00	PA	2.50	PA	PA	PA
6926.17	23006.92	10100	4480	2.00	PA	2.50	PA	PA	PA
6926.93	23026.93	10100	4500	4.00	PA	2.50	PA	PA	PA
6927.69	23046.93	10100	4520	1.00	PA	2.50	PA	PA	PA
6928.46	23066.93	10100	4540	4.00	PA	2.50	PA	PA	PA
6929.22	23086.94	10100	4560	8.00	PA	2.50	PA	PA	PA
6929.98	23106.94	10100	4580	1.00	PA	2.50	PA	PA	PA
6930.75	23126.95	10100	4600	4.00	PA	2.50	PA	PA	PA
6931.51	23146.95	10100	4620	4.00	PA	2.50	PA	PA	PA
6932.27	23166.96	10100	4640	4.00	PA	2.50	PA	PA	PA

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6933.04	23186.96	10100	4660	4.00	PA	2.50	PA	PA	PA
6933.80	23206.97	10100	4680	5.00	PA	2.50	PA	PA	PA
6934.56	23226.97	10100	4700	8.00	PA	2.50	PA	PA	PA
6935.33	23246.97	10100	4720	4.00	PA	2.50	PA	PA	PA
6936.09	23266.98	10100	4740	11.00	PA	2.50	PA	PA	PA
6936.85	23286.98	10100	4760	6.00	PA	40.00	PA	PA	PA
6937.61	23306.99	10100	4780	4.00	PA	2.50	PA	PA	PA
6938.38	23326.99	10100	4800	6.00	PA	2.50	PA	PA	PA
6939.14	23347.00	10100	4820	8.00	PA	2.50	PA	PA	PA
6939.90	23367.00	10100	4840	7.00	PA	2.50	PA	PA	PA
6940.67	23387.01	10100	4860	9.00	PA	2.50	PA	PA	PA
6941.43	23407.01	10100	4880	8.00	PA	2.50	PA	PA	PA
6942.19	23427.02	10100	4900	7.00	PA	2.50	PA	PA	PA
6942.96	23447.02	10100	4920	13.00	PA	2.50	PA	PA	PA
6943.72	23467.03	10100	4940	13.00	PA	2.50	PA	PA	PA
6944.48	23487.03	10100	4960	9.00	PA	2.50	PA	PA	PA
6945.25	23507.04	10100	4980	7.00	PA	2.50	PA	PA	PA
6946.01	23527.04	10100	5000	21.00	PA	2.50	PA	PA	PA
6947.05	23547.05	10100	5020	4.00	PA	2.50	PA	PA	PA
6948.10	23567.05	10100	5040	6.00	PA	2.50	PA	PA	PA
6949.14	23587.06	10100	5060	9.00	PA	2.50	PA	PA	PA
6950.18	23607.07	10100	5080	5.00	PA	2.50	PA	PA	PA
6951.22	23627.08	10100	5100	9.00	PA	2.50	PA	PA	PA
6952.27	23647.08	10100	5120	8.00	PA	2.50	PA	PA	PA
6953.31	23667.09	10100	5140	12.00	PA	2.50	PA	PA	PA
6954.35	23687.10	10100	5160	5.00	PA	2.50	PA	PA	PA
6955.40	23707.11	10100	5180	19.00	PA	2.50	PA	PA	PA
6956.44	23727.11	10100	5200	12.00	PA	2.50	PA	PA	PA
6957.48	23747.12	10100	5220	4.00	PA	2.50	PA	PA	PA
6958.52	23767.13	10100	5240	8.00	PA	2.50	PA	PA	PA
6959.57	23787.13	10100	5260	5.00	PA	2.50	PA	PA	PA
6960.61	23807.14	10100	5280	19.00	PA	2.50	PA	PA	PA
6961.65	23827.15	10100	5300	17.00	PA	2.50	PA	PA	PA
6962.69	23847.16	10100	5320	34.00	PA	2.50	PA	PA	PA
6963.74	23867.17	10100	5340	3.00	PA	2.50	PA	PA	PA
6964.78	23887.17	10100	5360	6.00	PA	2.50	PA	PA	PA
6965.82	23907.18	10100	5380	1.00	PA	2.50	PA	PA	PA
6966.87	23927.19	10100	5400	3.00	PA	2.50	PA	PA	PA
6967.91	23947.20	10100	5420	4.00	PA	2.50	PA	PA	PA
6968.95	23967.20	10100	5440	5.00	PA	2.50	PA	PA	PA
6969.99	23987.21	10100	5460	5.00	PA	2.50	PA	PA	PA
6971.04	24007.22	10100	5480	8.00	PA	2.50	PA	PA	PA
6972.08	24027.22	10100	5500	9.00	PA	2.50	PA	PA	PA
7008.86	22515.76	10200	4000	10.00	.30	2.50	71.00	23.00	103.00
7009.73	22535.95	10200	4020	1.00	.20	2.50	54.00	19.00	80.00
7011.47	22576.33	10200	4060	10.00	.20	2.50	45.00	22.00	103.00
7012.33	22596.51	10200	4080	8.00	.10	2.50	29.00	20.00	124.00
7013.20	22616.70	10200	4100	7.00	.20	2.50	28.00	16.00	93.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7014.07	22636.89	10200	4120	6.00	.10	2.50	16.00	13.00	77.00
7014.94	22657.08	10200	4140	6.00	.10	2.50	16.00	12.00	73.00
7015.81	22677.27	10200	4160	11.00	.30	2.50	37.00	25.00	97.00
7016.68	22697.46	10200	4180	3.00	.20	2.50	20.00	13.00	72.00
7017.55	22717.65	10200	4200	6.00	.30	2.50	16.00	32.00	90.00
7018.42	22737.84	10200	4220	1.00	.10	5.00	14.00	24.00	70.00
7019.28	22758.02	10200	4240	4.00	.10	15.00	18.00	13.00	102.00
7020.15	22778.21	10200	4260	5.00	.20	15.00	22.00	15.00	75.00
7021.02	22798.40	10200	4280	4.00	.10	25.00	15.00	10.00	57.00
7021.89	22818.59	10200	4300	4.00	.10	20.00	35.00	12.00	110.00
7022.76	22838.78	10200	4320	3.00	.10	15.00	11.00	9.00	82.00
7023.63	22858.97	10200	4340	2.00	.10	10.00	9.00	14.00	98.00
7024.50	22879.16	10200	4360	2.00	.10	10.00	10.00	11.00	63.00
7025.37	22899.35	10200	4380	6.00	.10	15.00	11.00	11.00	79.00
7026.23	22919.53	10200	4400	7.00	.10	25.00	12.00	11.00	90.00
7027.10	22939.72	10200	4420	14.00	.20	40.00	25.00	176.00	124.00
7027.97	22959.91	10200	4440	6.00	.10	40.00	7.00	7.00	67.00
7028.84	22980.10	10200	4460	4.00	.10	40.00	8.00	10.00	64.00
7029.71	23000.29	10200	4480	4.00	.10	45.00	7.00	8.00	67.00
7030.58	23020.48	10200	4500	6.00	.20	15.00	11.00	10.00	62.00
7031.45	23040.67	10200	4520	8.00	.10	15.00	6.00	7.00	60.00
7032.31	23060.85	10200	4540	7.00	.30	2.50	12.00	7.00	84.00
7033.18	23081.04	10200	4560	8.00	.10	2.50	10.00	7.00	103.00
7034.05	23101.23	10200	4580	13.00	.10	15.00	9.00	12.00	143.00
7034.92	23121.42	10200	4600	90.00	.20	2.50	19.00	50.00	159.00
7035.79	23141.61	10200	4620	18.00	.20	2.50	23.00	59.00	155.00
7036.66	23161.80	10200	4640	20.00	.20	5.00	28.00	17.00	205.00
7037.53	23181.99	10200	4660	13.00	.20	2.50	28.00	11.00	104.00
7038.40	23202.18	10200	4680	54.00	.30	2.50	89.00	16.00	98.00
7039.26	23222.36	10200	4700	12.00	.20	2.50	27.00	29.00	108.00
7040.13	23242.55	10200	4720	7.00	.10	2.50	10.00	8.00	48.00
7041.00	23262.74	10200	4740	7.00	.10	2.50	11.00	9.00	71.00
7041.87	23282.93	10200	4760	7.00	.20	2.50	13.00	8.00	60.00
7042.74	23303.12	10200	4780	8.00	.30	2.50	15.00	9.00	64.00
7043.61	23323.31	10200	4800	7.00	.30	2.50	12.00	7.00	72.00
7044.48	23343.50	10200	4820	1.00	.10	2.50	8.00	10.00	52.00
7045.35	23363.69	10200	4840	7.00	.10	10.00	6.00	8.00	66.00
7046.21	23383.87	10200	4860	8.00	.10	25.00	8.00	10.00	109.00
7047.08	23404.06	10200	4880	5.00	.20	30.00	12.00	24.00	177.00
7047.95	23424.25	10200	4900	11.00	.20	20.00	15.00	16.00	136.00
7048.82	23444.44	10200	4920	7.00	.20	5.00	12.00	22.00	146.00
7108.41	22517.76	10300	4000	10.00	PA	2.50	PA	PA	PA
7109.16	22537.80	10300	4020	9.00	PA	PA	PA	PA	PA
7109.91	22557.85	10300	4040	PA	PA	PA	PA	PA	PA
7110.67	22577.89	10300	4060	PA	PA	PA	PA	PA	PA
7111.42	22597.93	10300	4080	PA	PA	PA	PA	PA	PA
7112.17	22617.98	10300	4100	1.00	PA	2.50	PA	PA	PA
7112.92	22638.02	10300	4120	7.00	PA	2.50	PA	PA	PA

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

HISTO: NOBLE 188 CLEARWATER MCCORVIE GRID RUN ON 90:04:24 AT 10:30:39

File: MCORSOIL.UTM Field name: PB LOG = 1 REPVAL = .00100

510 SAMPLES WITH PB MINIMUM: 8.00000 MAXIMUM: 182.000

489 VALUES PLOTTED: 21 NOT IN RANGE 8.00000 to 40.0000

GEOMETRIC MEAN: 18.4249 DISPERSION: 13.3092 25.5068

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

N	MIDPOINT	PERCENT	0 5.0 10.0 15 20 25 30 35 40 45 5
			I----------I----------I----------I----------I----------I----------I----------I----------I----------I----------
1	8.0000	.20	I**
0	8.3285	.00	I
0	8.6704	.00	I
5	9.0264	1.02	I**********
0	9.3969	.00	I
0	9.7828	.00	I
12	10.184	2.45	I************************
0	10.603	.00	I
21	11.038	# 4.29	I**
0	11.491	.00	I
19	11.963	3.89	I**
0	12.454	.00	I
19	12.965	3.89	I**
0	13.498	.00	I
26	14.052	5.32	I***
0	14.629	.00	I
37	15.229	7.57	I***
46	15.855	9.41	I**
0	16.505	.00	I
38	17.183	7.77	I***
44	17.889	# 9.00	I**
23	18.623	4.70	I**
0	19.388	.00	I
37	20.184	7.57	I***
25	21.012	5.11	I**
20	21.875	4.09	I**
16	22.773	3.27	I**********************************
9	23.708	1.84	I*******************
8	24.681	1.64	I****************
6	25.695	1.23	I************
9	26.750	1.84	I*******************
9	27.848	1.84	I*******************
6	28.991	1.23	I************
9	30.182	1.84	I*******************
17	31.421	3.48	I**********************************
4	32.711	# .82	I********
1	34.054	.20	I**
11	35.452	2.25	I**********************
4	36.907	.82	I********
4	38.423	.82	I********
3	40.000	.61	I*******
-----			I----------I----------I----------I----------I----------I----------I----------I----------I----------I----------
489			0 5.0 10.0 15 20 25 30 35 40 45 5

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7113.67	22658.06	10300	4140	10.00	PA	2.50	PA	PA	PA
7114.42	22678.11	10300	4160	7.00	PA	2.50	PA	PA	PA
7115.18	22698.15	10300	4180	2.00	PA	2.50	PA	PA	PA
7123.45	22918.62	10300	4400	2.00	PA	2.50	PA	PA	PA
7124.20	22938.67	10300	4420	2.00	PA	2.50	PA	PA	PA
7124.95	22958.71	10300	4440	5.00	PA	2.50	PA	PA	PA
7125.70	22978.75	10300	4460	6.00	PA	2.50	PA	PA	PA
7126.45	22998.80	10300	4480	2.00	PA	2.50	PA	PA	PA
7127.21	23018.84	10300	4500	44.00	PA	2.50	PA	PA	PA
7127.96	23038.88	10300	4520	4.00	PA	2.50	PA	PA	PA
7128.71	23058.93	10300	4540	10.00	PA	2.50	PA	PA	PA
7129.46	23078.97	10300	4560	6.00	PA	2.50	PA	PA	PA
7130.21	23099.01	10300	4580	7.00	PA	2.50	PA	PA	PA
7130.96	23119.06	10300	4600	11.00	PA	2.50	PA	PA	PA
7131.72	23139.10	10300	4620	9.00	PA	2.50	PA	PA	PA
7132.47	23159.14	10300	4640	47.00	PA	2.50	PA	PA	PA
7133.22	23179.19	10300	4660	22.00	PA	2.50	PA	PA	PA
7133.97	23199.23	10300	4680	17.00	PA	2.50	PA	PA	PA
7134.72	23219.27	10300	4700	9.00	PA	2.50	PA	PA	PA
7135.47	23239.31	10300	4720	24.00	PA	2.50	PA	PA	PA
7136.23	23259.36	10300	4740	28.00	PA	2.50	PA	PA	PA
7136.98	23279.40	10300	4760	10.00	PA	2.50	PA	PA	PA
7137.73	23299.45	10300	4780	12.00	PA	2.50	PA	PA	PA
7138.48	23319.49	10300	4800	2.00	PA	2.50	PA	PA	PA
7139.23	23339.53	10300	4820	8.00	PA	2.50	PA	PA	PA
7139.99	23359.57	10300	4840	14.00	PA	2.50	PA	PA	PA
7140.74	23379.62	10300	4860	7.00	PA	2.50	PA	PA	PA
7141.49	23399.66	10300	4880	6.00	PA	2.50	PA	PA	PA
7142.24	23419.70	10300	4900	7.00	PA	2.50	PA	PA	PA
7142.99	23439.75	10300	4920	16.00	PA	2.50	PA	PA	PA
7143.74	23459.79	10300	4940	10.00	PA	2.50	PA	PA	PA
7144.50	23479.83	10300	4960	19.00	PA	2.50	PA	PA	PA
7145.25	23499.88	10300	4980	22.00	PA	2.50	PA	PA	PA
7146.00	23519.92	10300	5000	6.00	PA	2.50	PA	PA	PA
7146.61	23539.89	10300	5020	11.00	PA	2.50	PA	PA	PA
7147.22	23559.86	10300	5040	5.00	PA	2.50	PA	PA	PA
7147.83	23579.84	10300	5060	6.00	PA	2.50	PA	PA	PA
7148.44	23599.81	10300	5080	3.00	PA	2.50	PA	PA	PA
7149.05	23619.78	10300	5100	6.00	PA	2.50	PA	PA	PA
7149.66	23639.75	10300	5120	13.00	PA	2.50	PA	PA	PA
7150.26	23659.72	10300	5140	10.00	PA	2.50	PA	PA	PA
7150.87	23679.70	10300	5160	5.00	PA	2.50	PA	PA	PA
7151.48	23699.67	10300	5180	17.00	PA	2.50	PA	PA	PA
7152.09	23719.64	10300	5200	9.00	PA	2.50	PA	PA	PA
7152.70	23739.61	10300	5220	76.00	PA	2.50	PA	PA	PA
7153.31	23759.58	10300	5240	9.00	PA	2.50	PA	PA	PA
7153.92	23779.56	10300	5260	47.00	PA	2.50	PA	PA	PA
7154.53	23799.53	10300	5280	7.00	PA	2.50	PA	PA	PA

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7155.14	23819.50	10300	5300	19.00	PA	2.50	PA	PA	PA
7155.75	23839.47	10300	5320	6.00	PA	2.50	PA	PA	PA
7156.36	23859.44	10300	5340	12.00	PA	2.50	PA	PA	PA
7156.97	23879.42	10300	5360	17.00	PA	2.50	PA	PA	PA
7157.57	23899.39	10300	5380	5.00	PA	2.50	PA	PA	PA
7158.18	23919.36	10300	5400	10.00	PA	2.50	PA	PA	PA
7158.79	23939.33	10300	5420	20.00	PA	2.50	PA	PA	PA
7159.40	23959.30	10300	5440	14.00	PA	2.50	PA	PA	PA
7160.01	23979.28	10300	5460	2.00	PA	2.50	PA	PA	PA
7160.62	23999.25	10300	5480	4.00	PA	2.50	PA	PA	PA
7161.23	24019.22	10300	5500	8.00	PA	2.50	PA	PA	PA
7161.84	24039.19	10300	5520	4.00	PA	2.50	PA	PA	PA
7162.45	24059.16	10300	5540	4.00	PA	2.50	PA	PA	PA
7163.06	24079.13	10300	5560	10.00	PA	2.50	PA	PA	PA
7163.67	24099.11	10300	5580	9.00	PA	2.50	PA	PA	PA
7164.28	24119.08	10300	5600	6.00	PA	2.50	PA	PA	PA
7164.89	24139.05	10300	5620	7.00	PA	2.50	PA	PA	PA
7165.49	24159.02	10300	5640	2.00	PA	2.50	PA	PA	PA
7166.10	24179.00	10300	5660	9.00	PA	2.50	PA	PA	PA
7166.71	24198.97	10300	5680	36.00	PA	2.50	PA	PA	PA
7167.32	24218.94	10300	5700	11.00	PA	2.50	PA	PA	PA
7167.93	24238.91	10300	5720	19.00	PA	2.50	PA	PA	PA
7168.54	24258.88	10300	5740	5.00	PA	5.00	PA	PA	PA
7169.15	24278.86	10300	5760	1.00	PA	2.50	PA	PA	PA
7169.76	24298.83	10300	5780	3.00	PA	2.50	PA	PA	PA
7170.37	24318.80	10300	5800	1.00	PA	2.50	PA	PA	PA
7170.98	24338.77	10300	5820	4.00	PA	5.00	PA	PA	PA
7171.59	24358.74	10300	5840	2.00	PA	10.00	PA	PA	PA
7172.20	24378.71	10300	5860	2.00	PA	2.50	PA	PA	PA
7172.80	24398.69	10300	5880	1.00	PA	2.50	PA	PA	PA
7173.41	24418.66	10300	5900	8.00	PA	20.00	PA	PA	PA
7174.02	24438.63	10300	5920	9.00	PA	2.50	PA	PA	PA
7174.63	24458.60	10300	5940	NSS	PA	2.50	PA	PA	PA
7175.24	24478.58	10300	5960	NSS	PA	2.50	PA	PA	PA
7175.85	24498.55	10300	5980	4.00	PA	2.50	PA	PA	PA
7176.46	24518.52	10300	6000	4.00	PA	2.50	PA	PA	PA
7079.08	23822.78	10220	5300	17.00	PA	2.50	PA	PA	PA
7098.88	23822.28	10240	5300	21.00	PA	2.50	PA	PA	PA
7118.68	23821.77	10260	5300	8.00	PA	2.50	PA	PA	PA
7178.09	23820.26	10320	5300	8.00	PA	2.50	PA	PA	PA
7197.89	23819.75	10340	5300	7.00	PA	2.50	PA	PA	PA
7217.70	23819.25	10360	5300	12.00	PA	2.50	PA	PA	PA
7237.50	23818.74	10380	5300	10.00	PA	2.50	PA	PA	PA
7257.30	23818.24	10400	5300	15.00	PA	2.50	PA	PA	PA
7080.05	23863.43	10220	5340	7.00	PA	2.50	PA	PA	PA
7099.94	23862.72	10240	5340	19.00	PA	2.50	PA	PA	PA
7119.83	23862.02	10260	5340	27.00	PA	2.50	PA	PA	PA
7139.72	23861.31	10280	5340	13.00	PA	2.50	PA	PA	PA

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7179.49	23859.89	10320	5340	9.00	PA	2.50	PA	PA	PA
7199.38	23859.18	10340	5340	10.00	PA	2.50	PA	PA	PA
7219.27	23858.48	10360	5340	6.00	PA	2.50	PA	PA	PA
7239.16	23857.77	10380	5340	32.00	PA	2.50	PA	PA	PA
7081.64	23902.81	10220	5380	4.00	PA	2.50	PA	PA	PA
7101.65	23902.02	10240	5380	8.00	PA	2.50	PA	PA	PA
7121.66	23901.23	10260	5380	7.00	PA	2.50	PA	PA	PA
7141.67	23900.45	10280	5380	11.00	PA	2.50	PA	PA	PA
7181.70	23898.87	10320	5380	5.00	PA	2.50	PA	PA	PA
7201.71	23898.08	10340	5380	6.00	PA	2.50	PA	PA	PA
7221.72	23897.30	10360	5380	5.00	PA	2.50	PA	PA	PA
7241.73	23896.51	10380	5380	21.00	PA	50.00	PA	PA	PA
7261.74	23895.72	10400	5380	9.00	PA	25.00	PA	PA	PA
7307.39	22500.50	10500	4000	5.00	PA	2.50	PA	PA	PA
7308.19	22520.73	10500	4020	3.00	PA	2.50	PA	PA	PA
7308.98	22540.96	10500	4040	5.00	PA	2.50	PA	PA	PA
7309.78	22561.20	10500	4060	5.00	PA	2.50	PA	PA	PA
7310.58	22581.43	10500	4080	6.00	PA	2.50	PA	PA	PA
7311.38	22601.66	10500	4100	4.00	PA	2.50	PA	PA	PA
7312.17	22621.89	10500	4120	4.00	PA	2.50	PA	PA	PA
7312.97	22642.13	10500	4140	6.00	PA	2.50	PA	PA	PA
7313.77	22662.36	10500	4160	5.00	PA	2.50	PA	PA	PA
7314.56	22682.59	10500	4180	5.00	PA	2.50	PA	PA	PA
7315.36	22702.82	10500	4200	3.00	PA	2.50	PA	PA	PA
7316.16	22723.06	10500	4220	1.00	PA	2.50	PA	PA	PA
7316.95	22743.29	10500	4240	3.00	PA	2.50	PA	PA	PA
7317.75	22763.52	10500	4260	4.00	PA	2.50	PA	PA	PA
7318.55	22783.75	10500	4280	3.00	PA	5.00	PA	PA	PA
7319.35	22803.99	10500	4300	3.00	PA	2.50	PA	PA	PA
7320.14	22824.22	10500	4320	2.00	PA	2.50	PA	PA	PA
7320.94	22844.45	10500	4340	3.00	PA	2.50	PA	PA	PA
7321.74	22864.68	10500	4360	7.00	PA	2.50	PA	PA	PA
7322.53	22884.92	10500	4380	1.00	PA	2.50	PA	PA	PA
7323.33	22905.15	10500	4400	6.00	PA	2.50	PA	PA	PA
7324.13	22925.38	10500	4420	5.00	PA	2.50	PA	PA	PA
7324.92	22945.61	10500	4440	2.00	PA	2.50	PA	PA	PA
7325.72	22965.85	10500	4460	4.00	PA	2.50	PA	PA	PA
7326.52	22986.08	10500	4480	7.00	PA	2.50	PA	PA	PA
7327.32	23006.31	10500	4500	12.00	PA	2.50	PA	PA	PA
7328.11	23026.54	10500	4520	9.00	PA	2.50	PA	PA	PA
7328.91	23046.77	10500	4540	10.00	PA	2.50	PA	PA	PA
7329.71	23067.01	10500	4560	8.00	PA	2.50	PA	PA	PA
7330.50	23087.24	10500	4580	9.00	PA	2.50	PA	PA	PA
7331.30	23107.47	10500	4600	15.00	PA	2.50	PA	PA	PA
7332.10	23127.70	10500	4620	9.00	PA	2.50	PA	PA	PA
7332.89	23147.94	10500	4640	6.00	PA	2.50	PA	PA	PA
7333.69	23168.17	10500	4660	15.00	PA	2.50	PA	PA	PA
7334.49	23188.40	10500	4680	14.00	PA	2.50	PA	PA	PA

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7335.29	23208.63	10500	4700	12.00	PA	2.50	PA	PA	PA
7336.08	23228.87	10500	4720	16.00	PA	2.50	PA	PA	PA
7336.88	23249.10	10500	4740	7.00	PA	2.50	PA	PA	PA
7338.47	23289.56	10500	4780	8.00	PA	125.00	PA	PA	PA
7339.27	23309.79	10500	4800	4.00	PA	2.50	PA	PA	PA
7340.07	23330.03	10500	4820	12.00	PA	2.50	PA	PA	PA
7340.86	23350.26	10500	4840	15.00	PA	2.50	PA	PA	PA
7341.66	23370.49	10500	4860	10.00	PA	2.50	PA	PA	PA
7342.46	23390.72	10500	4880	18.00	PA	2.50	PA	PA	PA
7343.26	23410.96	10500	4900	16.00	PA	2.50	PA	PA	PA
7344.05	23431.19	10500	4920	2.00	PA	2.50	PA	PA	PA
7344.85	23451.42	10500	4940	7.00	PA	2.50	PA	PA	PA
7345.65	23471.65	10500	4960	17.00	PA	2.50	PA	PA	PA
7346.44	23491.89	10500	4980	5.00	PA	2.50	PA	PA	PA
7347.24	23512.12	10500	5000	6.00	PA	2.50	PA	PA	PA
7348.00	23532.15	10500	5020	3.00	PA	2.50	PA	PA	PA
7348.77	23552.18	10500	5040	7.00	PA	2.50	PA	PA	PA
7349.53	23572.21	10500	5060	2.00	PA	2.50	PA	PA	PA
7350.30	23592.24	10500	5080	8.00	PA	2.50	PA	PA	PA
7351.06	23612.27	10500	5100	8.00	PA	2.50	PA	PA	PA
7351.82	23632.30	10500	5120	10.00	PA	2.50	PA	PA	PA
7352.59	23652.33	10500	5140	8.00	PA	2.50	PA	PA	PA
7353.35	23672.36	10500	5160	15.00	PA	2.50	PA	PA	PA
7354.12	23692.39	10500	5180	18.00	PA	2.50	PA	PA	PA
7354.88	23712.42	10500	5200	50.00	PA	2.50	PA	PA	PA
7355.64	23732.45	10500	5220	17.00	PA	2.50	PA	PA	PA
7356.41	23752.48	10500	5240	10.00	PA	2.50	PA	PA	PA
7357.17	23772.51	10500	5260	38.00	PA	2.50	PA	PA	PA
7357.94	23792.54	10500	5280	11.00	PA	2.50	PA	PA	PA
7358.70	23812.57	10500	5300	17.00	PA	2.50	PA	PA	PA
7359.46	23832.60	10500	5320	23.00	PA	2.50	PA	PA	PA
7360.23	23852.63	10500	5340	33.00	PA	2.50	PA	PA	PA
7360.99	23872.66	10500	5360	2.00	PA	2.50	PA	PA	PA
7361.76	23892.69	10500	5380	4.00	PA	10.00	PA	PA	PA
7362.52	23912.72	10500	5400	1.00	PA	2.50	PA	PA	PA
7363.28	23932.75	10500	5420	4.00	PA	11.00	PA	PA	PA
7364.05	23952.78	10500	5440	15.00	PA	2.50	PA	PA	PA
7364.81	23972.81	10500	5460	31.00	PA	5.00	PA	PA	PA
7365.58	23992.84	10500	5480	10.00	PA	2.50	PA	PA	PA
7366.34	24012.87	10500	5500	7.00	PA	2.50	PA	PA	PA
7367.10	24032.90	10500	5520	5.00	PA	2.50	PA	PA	PA
7367.87	24052.93	10500	5540	2.00	PA	2.50	PA	PA	PA
7368.63	24072.96	10500	5560	7.00	PA	2.50	PA	PA	PA
7369.40	24092.99	10500	5580	4.00	PA	5.00	PA	PA	PA
7370.16	24113.02	10500	5600	9.00	PA	2.50	PA	PA	PA
7370.92	24133.05	10500	5620	12.00	PA	2.50	PA	PA	PA
7371.69	24153.08	10500	5640	14.00	PA	2.50	PA	PA	PA
7372.45	24173.11	10500	5660	14.00	PA	2.50	PA	PA	PA

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7373.22	24193.14	10500	5680	1.00	PA	2.50	PA	PA	PA
7373.98	24213.17	10500	5700	1.00	PA	2.50	PA	PA	PA
7374.74	24233.20	10500	5720	1.00	PA	2.50	PA	PA	PA
7375.51	24253.23	10500	5740	1.00	PA	2.50	PA	PA	PA
7376.27	24273.26	10500	5760	1.00	PA	2.50	PA	PA	PA
7377.04	24293.29	10500	5780	6.00	PA	2.50	PA	PA	PA
7377.80	24313.32	10500	5800	1.00	PA	2.50	PA	PA	PA
7378.56	24333.35	10500	5820	5.00	PA	2.50	PA	PA	PA
7379.33	24353.38	10500	5840	1.00	PA	2.50	PA	PA	PA
7380.09	24373.41	10500	5860	4.00	PA	2.50	PA	PA	PA
7380.86	24393.44	10500	5880	1.00	PA	2.50	PA	PA	PA
7381.62	24413.47	10500	5900	1.00	PA	2.50	PA	PA	PA
7382.38	24433.50	10500	5920	1.00	PA	2.50	PA	PA	PA
7383.15	24453.53	10500	5940	1.00	PA	2.50	PA	PA	PA
7383.91	24473.56	10500	5960	1.00	PA	2.50	PA	PA	PA
7384.68	24493.59	10500	5980	2.00	PA	2.50	PA	PA	PA
7385.44	24513.62	10500	6000	1.00	PA	2.50	PA	PA	PA
7544.06	23298.43	10700	5000	5.00	PA	2.50	PA	PA	PA
7544.91	23322.62	10700	5020	12.00	PA	2.50	PA	PA	PA
7545.77	23346.80	10700	5040	7.00	PA	2.50	PA	PA	PA
7546.62	23370.99	10700	5060	33.00	PA	2.50	PA	PA	PA
7547.47	23395.17	10700	5080	32.00	PA	2.50	PA	PA	PA
7548.33	23419.36	10700	5100	7.00	PA	2.50	PA	PA	PA
7549.18	23443.54	10700	5120	14.00	PA	2.50	PA	PA	PA
7550.04	23467.73	10700	5140	27.00	PA	2.50	PA	PA	PA
7550.89	23491.92	10700	5160	11.00	PA	2.50	PA	PA	PA
7551.74	23516.10	10700	5180	1.00	PA	2.50	PA	PA	PA
7552.60	23540.29	10700	5200	7.00	PA	2.50	PA	PA	PA
7553.45	23564.47	10700	5220	3.00	PA	2.50	PA	PA	PA
7554.30	23588.66	10700	5240	9.00	PA	2.50	PA	PA	PA
7555.16	23612.85	10700	5260	3.00	PA	2.50	PA	PA	PA
7556.01	23637.03	10700	5280	5.00	PA	2.50	PA	PA	PA
7556.86	23661.22	10700	5300	9.00	PA	2.50	PA	PA	PA
7557.72	23685.40	10700	5320	11.00	PA	2.50	PA	PA	PA
7558.57	23709.59	10700	5340	5.00	PA	2.50	PA	PA	PA
7559.42	23733.78	10700	5360	14.00	PA	2.50	PA	PA	PA
7560.28	23757.96	10700	5380	5.00	PA	2.50	PA	PA	PA
7561.13	23782.15	10700	5400	8.00	PA	2.50	PA	PA	PA
7561.99	23806.33	10700	5420	13.00	PA	2.50	PA	PA	PA
7562.84	23830.52	10700	5440	28.00	PA	2.50	PA	PA	PA
7563.69	23854.70	10700	5460	9.00	PA	2.50	PA	PA	PA
7564.55	23878.89	10700	5480	15.00	PA	2.50	PA	PA	PA
7565.40	23903.07	10700	5500	16.00	PA	2.50	PA	PA	PA
7566.25	23927.26	10700	5520	1.00	PA	2.50	PA	PA	PA
7567.11	23951.45	10700	5540	5.00	PA	2.50	PA	PA	PA
7567.96	23975.63	10700	5560	11.00	PA	2.50	PA	PA	PA
7568.81	23999.82	10700	5580	7.00	PA	2.50	PA	PA	PA
7569.67	24024.00	10700	5600	27.00	PA	2.50	PA	PA	PA

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	As (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7570.52	24048.19	10700	5620	5.00	PA	2.50	PA	PA	PA
7571.38	24072.38	10700	5640	2.00	PA	2.50	PA	PA	PA
7572.23	24096.56	10700	5660	6.00	PA	2.50	PA	PA	PA
7573.08	24120.75	10700	5680	5.00	PA	2.50	PA	PA	PA
7573.94	24144.93	10700	5700	10.00	PA	2.50	PA	PA	PA
7574.79	24169.12	10700	5720	6.00	PA	2.50	PA	PA	PA
7575.64	24193.30	10700	5740	6.00	PA	2.50	PA	PA	PA
7576.50	24217.49	10700	5760	8.00	PA	2.50	PA	PA	PA
7577.35	24241.68	10700	5780	13.00	PA	2.50	PA	PA	PA
7578.20	24265.86	10700	5800	45.00	PA	2.50	PA	PA	PA
7579.06	24290.05	10700	5820	14.00	PA	2.50	PA	PA	PA
7579.91	24314.23	10700	5840	21.00	PA	2.50	PA	PA	PA
7580.77	24338.42	10700	5860	12.00	PA	2.50	PA	PA	PA
7581.62	24362.61	10700	5880	22.00	PA	2.50	PA	PA	PA
7582.47	24386.79	10700	5900	18.00	PA	2.50	PA	PA	PA
7583.33	24410.98	10700	5920	25.00	PA	2.50	PA	PA	PA
7584.18	24435.16	10700	5940	17.00	PA	2.50	PA	PA	PA
7585.03	24459.35	10700	5960	32.00	PA	2.50	PA	PA	PA
7585.89	24483.54	10700	5980	24.00	PA	2.50	PA	PA	PA
7586.74	24507.72	10700	6000	9.00	PA	2.50	PA	PA	PA

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

Placer Data Analysis System - STATS

run on 90:04:24 at 10:42:02

NOBLE SSR GRID 1989 SOILS

Summary of data from file : ssr-89.utm

This data file contains an internal header: (5 records)
Data grouped into 11 fields
with format: (1A8, 4F10.2, 6F10.2)

Character ID fields:
LINE

Coordinate fields:
EAST NRTH XUTM YUTM

Other data fields:
AS AU AG CU PB ZN

Missing data indicated by NULL value 99999.0

BASIC STATISTICS OF SELECTED DATA FIELDS:

NAME	NDATA	NULLS	MINIMUM	MAXIMUM	MEAN	STD. DEV.	GEOM. MEAN	DISPERSION	
AS	900	506	1.00000	117.000	8.13111	9.18337	5.47673	2.21310	13.5532
AU	1394	12	2.50000	200.000	7.15531	12.3442	4.08219	1.70137	9.79463
AG	786	620	.100000	5.20000	.260305	.299004	.197921	.101680	.385258
CU	785	621	3.00000	1010.00	28.7554	42.4795	21.3205	10.4266	43.5966
PB	786	620	3.00000	1070.00	36.9885	57.2405	25.2553	11.6787	54.6149
ZN	786	620	12.0000	3400.00	208.316	293.562	144.016	69.0383	300.420

HISTO: NOBLE SSR GRID 1989 SOILS RUN ON 90:04:24 AT 10:42:02

File: ssr-89.utm Field name: CU LOG = 1 REPVAL = .00100

785 SAMPLES WITH CU MINIMUM: 3.00000 MAXIMUM: 1010.00

777 VALUES PLOTTED: 8 NOT IN RANGE 3.00000 to 100.000

GEOMETRIC MEAN: 20.8315 DISPERSION: 10.5783 41.0232

SCALE OF HISTOGRAM IS 1.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 10.0 20 30 40 50 60 70 80 90 10
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1	3.0000	.13	I*
0	3.2749	.00	I
0	3.5749	.00	I
6	3.9024	.77	I******
0	4.2600	.00	I
0	4.6503	.00	I
6	5.0764	.77	I******
0	5.5415	.00	I
13	6.0492	1.67	I*************
0	6.6034	.00	I
9	7.2084	1.16	I*********
31	7.8689	# 3.99	I********************************
0	8.5898	.00	I
31	9.3769	3.99	I********************************
28	10.236	3.60	I****************************
34	11.174	4.38	I**********************************
34	12.198	4.38	I**********************************
36	13.315	4.63	I************************************
53	14.535	6.82	I**
31	15.867	3.99	I********************************
41	17.321	5.28	I**
14	18.907	1.80	I**************
39	20.640	# 5.02	I**
44	22.531	5.66	I**
38	24.595	4.89	I**************************************
40	26.849	5.15	I**
17	29.308	2.19	I*****************
38	31.994	4.89	I**************************************
22	34.925	2.83	I**********************
18	38.125	2.32	I******************
28	41.618	3.60	I****************************
21	45.431	2.70	I**********************
16	49.594	2.06	I****************
22	54.137	2.83	I**********************
18	59.097	2.32	I******************
6	64.512	.77	I******
12	70.423	# 1.54	I************
9	76.875	1.16	I*********
7	83.918	.90	I*******
13	91.607	1.67	I************* 95 PPM
1	100.00	.13	I*
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
777			0 10.0 20 30 40 50 60 70 80 90 10

HISTO: NOBLE SSR GRID 1989 SOILS RUN ON 90:04:24 AT 10:42:02

File: ssr-89.utm Field name: PB LOG = 1 REPVAL = .00100

786 SAMPLES WITH PB MINIMUM: 3.00000 MAXIMUM: 1070.00

775 VALUES PLOTTED: 11 NOT IN RANGE 3.00000 to 200.000

GEOMETRIC MEAN: 24.3539 DISPERSION: 11.9614 49.5853

SCALE OF HISTOGRAM IS 1.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 10.0 20 30 40 50 60 70 80 90 10
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1	3.0000	.13	I*
0	3.3321	.00	I
0	3.7010	.00	I
3	4.1107	.39	I***
0	4.5658	.00	I
0	5.0712	.00	I
0	5.6326	.00	I
1	6.2561	.13	I*
7	6.9487	.90	I*******
14	7.7179	1.81	I**************
16	8.5723	# 2.06	I****************
28	9.5213	3.61	I*****************************
32	10.575	4.13	I********************************
36	11.746	4.65	I***********************************
35	13.046	4.52	I**********************************
56	14.491	7.23	I***
28	16.095	3.61	I*****************************
48	17.876	6.19	I**
47	19.855	6.06	I***
59	22.054	# 7.61	I**
37	24.495	4.77	I************************************
48	27.207	6.19	I**
43	30.218	5.55	I***
32	33.564	4.13	I********************************
20	37.279	2.58	I********************
22	41.406	2.84	I**********************
22	45.990	2.84	I**********************
18	51.081	2.32	I******************
14	56.736	1.81	I**************
23	63.017	2.97	I***********************
20	69.993	2.58	I********************
13	77.741	1.68	I************
12	86.347	1.55	I***********
12	95.906	# 1.55	I*********** 100 PPM
5	106.52	.65	I*****
9	118.32	1.16	I*********
2	131.41	.26	I**
6	145.96	.77	I******
2	162.12	.26	I**
2	180.07	.26	I**
2	200.00	.26	I**
-----			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
775			0 10.0 20 30 40 50 60 70 80 90 10

HISTO: NOBLE SSR GRID 1989 SOILS RUN ON 90:04:24 AT 10:42:02

File: ssr-89.utm Field name: ZN LOG = 1 REPVAL = .00100

786 SAMPLES WITH ZN MINIMUM: 12.0000 MAXIMUM: 3400.00

762 VALUES PLOTTED: 24 NOT IN RANGE 25.0000 to 1000.00

GEOMETRIC MEAN: 135.485 DISPERSION: 73.3842 250.140

SCALE OF HISTOGRAM IS 1.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 10.0 20 30 40 50 60 70 80 90 10
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1	25.000	.13	I*
1	27.415	.13	I*
1	30.064	.13	I*
1	32.968	.13	I*
0	36.153	.00	I
4	39.646	.52	I****
1	43.476	.13	I*
4	47.676	.52	I****
13	52.282	1.71	I*************
10	57.333	1.31	I**********
15	62.872 #	1.97	I***************
31	68.946	4.07	I********************************
46	75.606	6.04	I**
42	82.910	5.51	I**
59	90.920	7.74	I**
69	99.704	9.06	I***
60	109.34	7.87	I**
52	119.90 #	6.82	I**
48	131.48	6.30	I**
35	144.18	4.59	I**********************************
36	158.11	4.72	I***********************************
28	173.39	3.67	I*****************************
28	190.14	3.67	I*****************************
25	208.51	3.28	I*************************
13	228.65	1.71	I*************
24	250.74	3.15	I************************
26	274.97	3.41	I**************************
12	301.53	1.57	I************
14	330.66	1.84	I************** 350 PPM
20	362.60	2.62	I********************
6	397.63 #	.79	I******
0	436.05	.00	I
3	478.18	.39	I***
2	524.37	.26	I**
7	575.03	.92	I*******
6	630.58	.79	I******
5	691.50	.66	I*****
5	758.31	.66	I*****
7	831.56	.92	I*******
2	911.90	.26	I**
0	1000.0	.00	I
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
762			0 10.0 20 30 40 50 60 70 80 90 10

HISTO: NOBLE SSR GRID 1989 SOILS RUN ON 90:04:24 AT 10:42:02

File: ssr-89.utm Field name: AG LOG = 1 REPVAL = .00100

786 SAMPLES WITH AG MINIMUM: .100000 MAXIMUM: 5.20000

762 VALUES PLOTTED: 24 NOT IN RANGE .100000 to .800000

GEOMETRIC MEAN: .186406 DISPERSION: .104507 .332487

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

N	MIDPOINT	PERCENT	0 40 80 120 160 200 240 280 320 360 40
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
295	.10000	# 38.71	I**********
0	.10534	.00	I
0	.11096	.00	I
0	.11688	.00	I
0	.12311	.00	I
0	.12968	.00	I
0	.13660	.00	I
0	.14389	.00	I
0	.15157	.00	I
0	.15966	.00	I
0	.16818	.00	I
0	.17715	.00	I
0	.18661	.00	I
234	.19656	# 30.71	I**********
0	.20705	.00	I
0	.21810	.00	I
0	.22974	.00	I
0	.24200	.00	I
0	.25491	.00	I
0	.26851	.00	I
0	.28284	.00	I
116	.29794	15.22	I**********
0	.31383	.00	I
0	.33058	.00	I
0	.34822	.00	I
0	.36680	.00	I
0	.38637	.00	I
57	.40699	7.48	I**********
0	.42871	.00	I
0	.45159	.00	I
0	.47568	.00	I
27	.50107	# 3.54	I*******
0	.52780	.00	I
0	.55597	.00	I
15	.58563	1.97	I****
0	.61688	.00	I
0	.64980	.00	I
14	.68448	1.84	I****
0	.72100	.00	I
0	.75947	.00	I
4	.80000	.52	I*
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
762			0 40 80 120 160 200 240 280 320 360 40

HISTO: NOBLE SSR GRID 1989 SOILS RUN ON 90:04:24 AT 10:42:02

File: ssr-89.utm Field name: AU LOG = 1 REPVAL = .00100

1394 SAMPLES WITH AU MINIMUM: 2.50000 MAXIMUM: 200.000

1370 VALUES PLOTTED: 24 NOT IN RANGE 2.50000 to 40.0000

GEOMETRIC MEAN: 3.89203 DISPERSION: 1.74461 8.68267

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

N	MIDPOINT	PERCENT	0 200 400 600 800 1000 1200 1400 1600 1800 200
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1005	2.5000	# 73.36	I**********
0	2.6794	.00	I
0	2.8717	.00	I
0	3.0779	.00	I
0	3.2988	.00	I
0	3.5355	.00	I
0	3.7893	.00	I
0	4.0613	.00	I
0	4.3528	.00	I
0	4.6652	.00	I
68	5.0000	4.96	I***
0	5.3589	.00	I
0	5.7435	.00	I
1	6.1557	.07	I
0	6.5975	.00	I
2	7.0711	.15	I
0	7.5786	.00	I
0	8.1225	.00	I
0	8.7055	.00	I
0	9.3303	.00	I
99	10.000	7.23	I*****
2	10.718	.15	I
0	11.487	.00	I
0	12.311	.00	I
1	13.195	.07	I
0	14.142	.00	I
69	15.157	5.04	I***
0	16.245	.00	I
0	17.411	.00	I
0	18.661	.00	I
40	20.000	2.92	I**
0	21.435	.00	I
0	22.974	.00	I
32	24.623	# 2.34	I** 25 PPB
0	26.390	.00	I
0	28.284	.00	I
19	30.314	1.39	I*
1	32.490	.07	I
13	34.822	.95	I*
1	37.321	.07	I
17	40.000	1.24	I*
-----			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1370			0 200 400 600 800 1000 1200 1400 1600 1800 200

HISTO: NOBLE SSR GRID 1989 SOILS RUN ON 90:04:24 AT 10:42:02

File: ssr-89.utm Field name: AS LOG = 1 REPVAL = .00100

900 SAMPLES WITH AS MINIMUM: 1.00000 MAXIMUM: 117.000

881 VALUES PLOTTED: 19 NOT IN RANGE 1.00000 to 35.0000

GEOMETRIC MEAN: 5.21948 DISPERSION: 2.22506 12.2437

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

N	MIDPOINT	PERCENT	0 20 40 60 80 100 120 140 160 180 2(
108	1.0000	# 12.26	I**********
0	1.0930	.00	I
0	1.1945	.00	I
0	1.3056	.00	I
0	1.4269	.00	I
0	1.5596	.00	I
0	1.7046	.00	I
0	1.8630	.00	I
59	2.0362	6.70	I******************************
0	2.2254	.00	I
0	2.4323	.00	I
0	2.6584	.00	I
65	2.9055	7.38	I********************************
0	3.1756	.00	I
0	3.4708	.00	I
0	3.7934	.00	I
84	4.1460	9.53	I**
0	4.5314	.00	I
83	4.9526	9.42	I**
0	5.4129	.00	I
77	5.9161	# 8.74	I*************************************
0	6.4660	.00	I
79	7.0670	8.97	I***
79	7.7239	8.97	I***
0	8.4419	.00	I
48	9.2266	5.45	I************************
32	10.084	3.63	I****************
24	11.022	2.72	I************
29	12.046	3.29	I***************
17	13.166	1.93	I*********
25	14.390	2.84	I************
8	15.727	.91	I****
13	17.189	1.48	I*******
14	18.787	# 1.59	I*******
11	20.533	1.25	I******
6	22.442	.68	I***
7	24.528	.79	I**** 25 PPM
6	26.808	.68	I***
0	29.300	.00	I
6	32.023	.68	I***
1	35.000	.11	I*
881			0 20 40 60 80 100 120 140 160 180 2(

CORMAT: RUN ON 90:04:24 AT 10:42:02

Data from file: ssr-89.utm

NOBLE SSR GRID 1989 SOILS

Correlation matrix for 1406 records with 6 variables

LOG:	AS 0	AU 0	AG 0	CU 0	PB 0	ZN 0
AS	1.000	.175	.306	.379	.127	.071
AU	.175	1.000	.097	-.007	.080	.104
AG	.306	.097	1.000	.263	.597	.357
CU	.379	-.007	.263	1.000	.102	.203
PB	.127	.080	.597	.102	1.000	.426
ZN	.071	.104	.357	.203	.426	1.000

Number of data pairs contributing to correlation

	AS	AU	AG	CU	PB	ZN
AS	900	891	287	286	287	287
AU	891	1394	780	779	780	780
AG	287	780	786	785	786	786
CU	286	779	785	785	785	785
PB	287	780	786	785	786	786
ZN	287	780	786	785	786	786

NOBLE PROJECT 1989 McCORVIE GRID SOIL DATA

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
5136.62	21337.68	28600	29500	.10	1.00	2.50	10.00	10.00	9.00	83.00
5153.48	21326.55	28600	29520	.20	1.00	2.50	11.00	30.00	11.00	95.00
5170.33	21315.42	28600	29540	.20	5.00	2.50	8.00	20.00	9.00	115.00
5187.18	21304.29	28600	29560	.20	9.00	2.50	8.00	30.00	11.00	118.00
5204.04	21293.15	28600	29580	.10	12.00	2.50	13.00	50.00	17.00	47.00
5220.89	21282.02	28600	29600	.10	6.00	2.50	10.00	20.00	11.00	41.00
5237.75	21270.89	28600	29620	.20	9.00	2.50	36.00	60.00	15.00	84.00
5254.60	21259.76	28600	29640	.10	15.00	2.50	34.00	50.00	16.00	81.00
5271.46	21248.63	28600	29660	.10	14.00	2.50	55.00	60.00	27.00	80.00
5288.31	21237.50	28600	29680	.40	24.00	2.50	50.00	70.00	182.00	52.00
5305.17	21226.37	28600	29700	.10	12.00	2.50	22.00	20.00	14.00	60.00
5322.02	21215.24	28600	29720	.10	6.00	2.50	14.00	30.00	13.00	100.00
5338.88	21204.11	28600	29740	.10	6.00	2.50	10.00	30.00	10.00	100.00
5355.73	21192.97	28600	29760	.10	8.00	2.50	8.00	5.00	16.00	93.00
5372.59	21181.84	28600	29780	.10	9.00	2.50	9.00	5.00	11.00	83.00
5389.44	21170.71	28600	29800	.10	7.00	2.50	10.00	5.00	11.00	76.00
5406.30	21159.58	28600	29820	.10	4.00	2.50	9.00	10.00	10.00	82.00
5423.15	21148.45	28600	29840	.10	1.00	2.50	10.00	10.00	10.00	66.00
5440.01	21137.32	28600	29860	.10	3.00	2.50	8.00	20.00	10.00	77.00
5456.86	21126.19	28600	29880	.10	4.00	2.50	8.00	5.00	10.00	74.00
5473.72	21115.06	28600	29900	.20	3.00	2.50	12.00	30.00	11.00	74.00
5490.57	21103.93	28600	29920	.10	5.00	2.50	9.00	10.00	13.00	72.00
5507.43	21092.79	28600	29940	.30	2.00	2.50	10.00	20.00	12.00	95.00
5524.28	21081.66	28600	29960	.20	2.00	2.50	9.00	20.00	10.00	96.00
5557.99	21059.40	28600	30000	.10	2.00	2.50	15.00	30.00	13.00	71.00
5572.85	21045.53	28600	30020	.10	1.00	2.50	9.00	20.00	12.00	70.00

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
5587.70	21031.65	28600	30040	.10	2.00	2.50	9.00	10.00	10.00	71.00
5602.56	21017.78	28600	30060	.20	1.00	2.50	10.00	20.00	11.00	78.00
5617.41	21003.91	28600	30080	.10	1.00	2.50	11.00	50.00	12.00	82.00
5632.27	20990.04	28600	30100	.10	2.00	2.50	10.00	5.00	44.00	96.00
5647.13	20976.16	28600	30120	.10	1.00	2.50	7.00	5.00	11.00	66.00
5661.98	20962.29	28600	30140	.10	1.00	2.50	9.00	5.00	12.00	87.00
5676.84	20948.42	28600	30160	.10	1.00	2.50	12.00	20.00	12.00	82.00
5691.69	20934.55	28600	30180	.10	1.00	2.50	14.00	5.00	11.00	70.00
5706.55	20920.67	28600	30200	.10	1.00	2.50	11.00	10.00	10.00	85.00
5721.41	20906.80	28600	30220	.10	1.00	2.50	14.00	40.00	11.00	94.00
5736.26	20892.93	28600	30240	.10	1.00	2.50	10.00	5.00	11.00	109.00
5751.12	20879.06	28600	30260	.10	1.00	2.50	11.00	5.00	11.00	84.00
5765.97	20865.18	28600	30280	.10	6.00	2.50	13.00	20.00	12.00	82.00
5780.83	20851.31	28600	30300	.10	5.00	2.50	9.00	20.00	10.00	105.00
5271.28	21521.85	28800	29500	.10	5.00	2.50	16.00	10.00	15.00	120.00
5287.43	21509.79	28800	29520	.10	4.00	2.50	19.00	20.00	13.00	92.00
5319.74	21485.66	28800	29560	.10	1.00	2.50	15.00	20.00	15.00	120.00
5335.89	21473.60	28800	29580	.30	5.00	2.50	23.00	10.00	15.00	105.00
5352.04	21461.54	28800	29600	.20	1.00	2.50	31.00	20.00	17.00	90.00
5368.20	21449.48	28800	29620	.10	4.00	2.50	26.00	20.00	18.00	120.00
5384.35	21437.42	28800	29640	.10	5.00	2.50	19.00	10.00	13.00	77.00
5400.50	21425.35	28800	29660	.10	14.00	2.50	30.00	30.00	16.00	82.00
5416.66	21413.29	28800	29680	.30	8.00	2.50	29.00	30.00	17.00	85.00
5432.81	21401.23	28800	29700	.20	2.00	2.50	14.00	10.00	11.00	104.00
5448.96	21389.17	28800	29720	.30	12.00	2.50	22.00	50.00	27.00	160.00
5465.11	21377.11	28800	29740	.10	14.00	2.50	23.00	60.00	19.00	160.00
5513.57	21340.92	28800	29800	.10	1.00	2.50	12.00	20.00	8.00	74.00
5545.88	21316.80	28800	29840	.10	1.00	2.50	9.00	40.00	13.00	92.00
5562.03	21304.73	28800	29860	.10	5.00	2.50	16.00	40.00	14.00	81.00

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
5578.18	21292.67	28800	29880	.10	3.00	2.50	12.00	5.00	13.00	110.00
5594.34	21280.61	28800	29900	.30	1.00	2.50	8.00	30.00	10.00	96.00
5610.49	21268.55	28800	29920	.10	1.00	2.50	10.00	5.00	11.00	90.00
5626.64	21256.49	28800	29940	.20	5.00	2.50	9.00	5.00	13.00	74.00
5642.79	21244.42	28800	29960	.20	4.00	2.50	8.00	5.00	11.00	80.00
5658.95	21232.36	28800	29980	.20	1.00	2.50	11.00	10.00	14.00	82.00
5675.10	21220.30	28800	30000	.10	4.00	2.50	10.00	5.00	12.00	80.00
5690.49	21207.15	28800	30020	.10	1.00	2.50	13.00	5.00	12.00	90.00
5705.87	21194.00	28800	30040	.20	3.00	2.50	14.00	10.00	12.00	81.00
5721.26	21180.86	28800	30060	.20	4.00	2.50	16.00	20.00	14.00	105.00
5736.65	21167.71	28800	30080	.30	1.00	2.50	12.00	5.00	14.00	100.00
5752.03	21154.56	28800	30100	.30	3.00	2.50	9.00	5.00	11.00	100.00
5767.42	21141.41	28800	30120	.10	1.00	2.50	15.00	5.00	13.00	87.00
5782.81	21128.26	28800	30140	.10	3.00	2.50	8.00	5.00	9.00	91.00
5798.19	21115.12	28800	30160	.30	1.00	2.50	11.00	20.00	12.00	115.00
5813.58	21101.97	28800	30180	.10	4.00	2.50	13.00	10.00	15.00	97.00
5828.97	21088.82	28800	30200	.10	3.00	2.50	13.00	5.00	14.00	66.00
5844.35	21075.67	28800	30220	.10	5.00	2.50	9.00	10.00	12.00	97.00
5859.74	21062.52	28800	30240	.10	1.00	2.50	10.00	5.00	14.00	79.00
5875.13	21049.38	28800	30260	.10	1.00	2.50	10.00	5.00	14.00	104.00
5890.51	21036.23	28800	30280	.10	4.00	2.50	10.00	5.00	12.00	106.00
5905.90	21023.08	28800	30300	.10	2.00	2.50	15.00	20.00	18.00	77.00
5365.82	21651.37	29000	29500	.10	1.00	2.50	18.00	20.00	19.00	60.00
5382.89	21640.63	29000	29520	.10	3.00	2.50	20.00	40.00	18.00	71.00
5399.96	21629.88	29000	29540	.10	6.00	2.50	16.00	30.00	20.00	76.00
5417.03	21619.14	29000	29560	.10	3.00	2.50	19.00	10.00	18.00	76.00
5434.10	21608.40	29000	29580	.20	5.00	2.50	21.00	10.00	20.00	81.00
5468.24	21586.91	29000	29620	.40	4.00	2.50	15.00	30.00	20.00	107.00
5485.31	21576.17	29000	29640	.10	12.00	2.50	22.00	10.00	17.00	53.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
5502.38	21565.42	29000	29660	.10	12.00	2.50	25.00	20.00	21.00	84.00
5519.45	21554.68	29000	29680	.10	3.00	2.50	22.00	10.00	15.00	56.00
5536.52	21543.94	29000	29700	.30	4.00	2.50	25.00	30.00	18.00	77.00
5553.59	21533.19	29000	29720	.40	13.00	2.50	37.00	20.00	29.00	127.00
5570.66	21522.45	29000	29740	.40	4.00	2.50	31.00	20.00	22.00	76.00
5587.74	21511.71	29000	29760	.10	4.00	2.50	22.00	5.00	16.00	82.00
5604.81	21500.96	29000	29780	.10	3.00	2.50	19.00	5.00	17.00	91.00
5621.88	21490.22	29000	29800	.10	1.00	2.50	21.00	10.00	17.00	92.00
5656.02	21468.73	29000	29840	.20	4.00	2.50	24.00	20.00	20.00	98.00
5690.16	21447.25	29000	29880	.10	5.00	2.50	15.00	10.00	14.00	66.00
5707.23	21436.51	29000	29900	.10	2.00	2.50	13.00	20.00	15.00	68.00
5724.30	21425.76	29000	29920	.10	1.00	2.50	16.00	40.00	17.00	86.00
5741.37	21415.02	29000	29940	.20	3.00	2.50	11.00	30.00	15.00	90.00
5758.44	21404.28	29000	29960	.10	4.00	2.50	19.00	30.00	18.00	79.00
5775.51	21393.53	29000	29980	.10	1.00	2.50	13.00	30.00	14.00	76.00
5792.58	21382.79	29000	30000	.10	2.00	2.50	13.00	10.00	14.00	44.00
5808.85	21370.78	29000	30020	.10	1.00	2.50	23.00	20.00	18.00	65.00
5825.12	21358.77	29000	30040	.10	1.00	2.50	17.00	40.00	15.00	107.00
5841.39	21346.76	29000	30060	.10	1.00	2.50	13.00	50.00	16.00	84.00
5857.65	21334.74	29000	30080	.10	3.00	2.50	13.00	5.00	15.00	76.00
5873.92	21322.73	29000	30100	.10	2.00	2.50	12.00	30.00	15.00	98.00
5890.19	21310.72	29000	30120	.10	7.00	2.50	12.00	30.00	14.00	77.00
5906.46	21298.71	29000	30140	.10	9.00	2.50	13.00	20.00	14.00	80.00
5922.73	21286.70	29000	30160	.10	9.00	2.50	11.00	30.00	14.00	88.00
5939.00	21274.69	29000	30180	.10	7.00	2.50	6.00	20.00	15.00	91.00
5955.27	21262.68	29000	30200	.10	5.00	2.50	14.00	30.00	18.00	113.00
5971.54	21250.66	29000	30220	.10	7.00	2.50	12.00	30.00	15.00	82.00
6004.07	21226.64	29000	30260	.10	1.00	2.50	10.00	5.00	13.00	87.00
6020.34	21214.63	29000	30280	.10	8.00	2.50	12.00	5.00	13.00	84.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
6036.61	21202.62	29000	30300	.30	5.00	2.50	12.00	30.00	15.00	77.00
5497.93	21835.01	29200	29500	.20	13.00	2.50	23.00	100.00	19.00	70.00
5514.44	21823.41	29200	29520	.10	7.00	2.50	17.00	10.00	17.00	90.00
5530.95	21811.80	29200	29540	.20	6.00	10.00	17.00	20.00	16.00	78.00
5547.46	21800.20	29200	29560	.10	11.00	2.50	18.00	30.00	16.00	52.00
5563.97	21788.60	29200	29580	.60	19.00	10.00	94.00	30.00	46.00	170.00
5580.48	21776.99	29200	29600	.80	20.00	20.00	125.00	50.00	48.00	141.00
5596.99	21765.39	29200	29620	.40	11.00	10.00	57.00	20.00	26.00	88.00
5613.50	21753.79	29200	29640	.10	5.00	2.50	26.00	5.00	20.00	91.00
5630.01	21742.18	29200	29660	.10	1.00	2.50	22.00	10.00	18.00	80.00
5646.52	21730.58	29200	29680	.10	2.00	2.50	10.00	40.00	16.00	85.00
5663.03	21718.98	29200	29700	.20	1.00	10.00	20.00	5.00	19.00	76.00
5679.54	21707.38	29200	29720	.20	1.00	2.50	13.00	5.00	16.00	67.00
5696.05	21695.77	29200	29740	.10	7.00	2.50	23.00	5.00	16.00	89.00
5712.56	21684.17	29200	29760	.10	1.00	2.50	17.00	5.00	16.00	68.00
5729.07	21672.56	29200	29780	.30	4.00	2.50	15.00	20.00	18.00	97.00
5745.58	21660.96	29200	29800	.10	1.00	2.50	15.00	5.00	14.00	47.00
5762.09	21649.36	29200	29820	.10	4.00	2.50	21.00	5.00	18.00	81.00
5778.60	21637.76	29200	29840	.10	3.00	2.50	20.00	5.00	13.00	62.00
5795.11	21626.15	29200	29860	.20	2.00	2.50	22.00	10.00	21.00	95.00
5811.62	21614.55	29200	29880	.10	6.00	15.00	15.00	30.00	16.00	84.00
5828.13	21602.95	29200	29900	.10	6.00	2.50	23.00	20.00	16.00	79.00
5844.64	21591.34	29200	29920	.10	12.00	2.50	10.00	20.00	16.00	75.00
5861.15	21579.74	29200	29940	.10	2.00	2.50	18.00	10.00	17.00	82.00
5877.66	21568.14	29200	29960	.10	7.00	2.50	11.00	30.00	18.00	86.00
5894.17	21556.53	29200	29980	.10	4.00	2.50	15.00	20.00	18.00	120.00
5910.68	21544.93	29200	30000	.10	8.00	2.50	11.00	20.00	17.00	84.00É
5942.47	21519.87	29200	30040	.20	5.00	2.50	15.00	30.00	14.00	73.00
5958.36	21507.34	29200	30060	.20	7.00	2.50	18.00	20.00	17.00	80.00

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UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
5974.25	21494.81	29200	30080	.30	8.00	2.50	23.00	20.00	20.00	74.00
5990.14	21482.29	29200	30100	.20	1.00	2.50	20.00	5.00	15.00	69.00
6021.93	21457.23	29200	30140	.20	2.00	2.50	12.00	10.00	17.00	77.00
6037.82	21444.70	29200	30160	.20	3.00	2.50	10.00	5.00	12.00	82.00
6053.71	21432.17	29200	30180	.10	3.00	2.50	13.00	5.00	55.00	120.00
6069.61	21419.64	29200	30200	.30	5.00	2.50	10.00	10.00	18.00	105.00
6085.50	21407.12	29200	30220	.20	2.00	2.50	13.00	5.00	18.00	100.00
6117.28	21382.06	29200	30260	.20	2.00	2.50	12.00	40.00	15.00	80.00
6133.18	21369.53	29200	30280	.10	4.00	2.50	17.00	20.00	16.00	68.00
6149.07	21357.00	29200	30300	.10	2.00	2.50	16.00	10.00	20.00	82.00
5349.65	22183.33	29400	29500	.10	1.00	2.50	20.00	20.00	15.00	73.00
5376.80	22164.23	29400	29520	.10	4.00	2.50	28.00	20.00	20.00	80.00
5403.96	22145.13	29400	29540	.10	4.00	2.50	18.00	20.00	16.00	74.00
5431.11	22126.03	29400	29560	.20	2.00	2.50	20.00	5.00	21.00	95.00
5458.26	22106.92	29400	29580	.10	4.00	2.50	18.00	10.00	21.00	86.00
5485.41	22087.82	29400	29600	.20	1.00	2.50	19.00	5.00	18.00	74.00
5512.56	22068.72	29400	29620	.20	6.00	2.50	11.00	5.00	20.00	92.00
5539.71	22049.62	29400	29640	.10	2.00	2.50	20.00	5.00	16.00	53.00
5566.86	22030.52	29400	29660	.10	3.00	2.50	20.00	5.00	19.00	76.00
5594.01	22011.42	29400	29680	.10	4.00	2.50	22.00	5.00	18.00	90.00
5621.16	21992.32	29400	29700	.10	1.00	2.50	20.00	5.00	15.00	65.00
5648.31	21973.22	29400	29720	.10	4.00	2.50	20.00	10.00	20.00	65.00
5675.46	21954.12	29400	29740	.20	1.00	2.50	28.00	10.00	21.00	92.00
5702.61	21935.02	29400	29760	.10	1.00	2.50	25.00	20.00	21.00	90.00
5729.76	21915.92	29400	29780	.10	1.00	2.50	21.00	80.00	15.00	71.00
5756.91	21896.82	29400	29800	.20	2.00	2.50	25.00	10.00	17.00	70.00
5784.06	21877.72	29400	29820	.50	7.00	2.50	85.00	30.00	37.00	114.00
5838.37	21839.52	29400	29860	.40	12.00	2.50	59.00	10.00	36.00	112.00

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UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
5865.52	21820.41	29400	29880	.30	5.00	2.50	26.00	5.00	23.00	126.00
5892.67	21801.31	29400	29900	.20	4.00	2.50	21.00	5.00	17.00	124.00
5919.82	21782.21	29400	29920	.10	1.00	2.50	24.00	5.00	22.00	55.00
5946.97	21763.11	29400	29940	.40	6.00	2.50	24.00	10.00	18.00	104.00
5974.12	21744.01	29400	29960	.20	1.00	2.50	23.00	5.00	21.00	70.00
6001.27	21724.91	29400	29980	.10	3.00	2.50	21.00	10.00	19.00	58.00
6028.42	21705.81	29400	30000	.50	5.00	2.50	20.00	5.00	22.00	120.00
6043.91	21692.72	29400	30020	.10	1.00	2.50	20.00	5.00	17.00	96.00
6059.41	21679.63	29400	30040	.10	3.00	2.50	18.00	5.00	22.00	100.00
6074.90	21666.54	29400	30060	.30	10.00	2.50	30.00	10.00	22.00	82.00
6090.40	21653.46	29400	30080	.40	7.00	2.50	30.00	5.00	22.00	100.00
6105.89	21640.37	29400	30100	.20	7.00	2.50	21.00	20.00	20.00	73.00
6121.39	21627.28	29400	30120	.10	1.00	2.50	21.00	5.00	22.00	80.00
6136.88	21614.19	29400	30140	.50	3.00	2.50	44.00	20.00	31.00	128.00
6167.87	21588.01	29400	30180	.60	4.00	2.50	35.00	20.00	25.00	157.00
6183.37	21574.92	29400	30200	.40	3.00	2.50	16.00	10.00	14.00	166.00
6198.86	21561.84	29400	30220	.30	1.00	2.50	12.00	30.00	17.00	125.00
6214.36	21548.75	29400	30240	.10	8.00	2.50	24.00	10.00	16.00	88.00
6229.85	21535.66	29400	30260	.10	10.00	2.50	20.00	10.00	15.00	105.00
6245.35	21522.57	29400	30280	.40	1.00	2.50	14.00	5.00	13.00	73.00
6260.84	21509.48	29400	30300	.40	3.00	2.50	22.00	10.00	16.00	95.00
5477.42	22359.90	29600	29500	.10	4.00	2.50	23.00	5.00	20.00	75.00
5504.21	22340.17	29600	29520	.20	4.00	2.50	34.00	20.00	19.00	68.00
5531.00	22320.44	29600	29540	.10	3.00	2.50	21.00	5.00	14.00	64.00
5557.78	22300.71	29600	29560	.10	4.00	2.50	18.00	20.00	16.00	73.00
5584.57	22280.98	29600	29580	.10	2.00	2.50	26.00	10.00	18.00	65.00
5611.36	22261.25	29600	29600	.10	5.00	2.50	22.00	5.00	16.00	57.00
5638.15	22241.52	29600	29620	.10	3.00	2.50	34.00	10.00	21.00	84.00
5691.72	22202.06	29600	29660	.10	1.00	2.50	30.00	10.00	17.00	70.00

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5718.51	22182.33	29600	29680	.10	7.00	2.50	30.00	20.00	21.00	55.00
5745.30	22162.60	29600	29700	.10	1.00	2.50	18.00	10.00	16.00	68.00
5772.09	22142.87	29600	29720	.10	7.00	2.50	34.00	5.00	23.00	68.00
5798.88	22123.14	29600	29740	.50	2.00	2.50	25.00	40.00	17.00	132.00
5825.66	22103.41	29600	29760	.70	177.00	2.50	30.00	50.00	30.00	167.00
5852.45	22083.68	29600	29780	.30	18.00	2.50	9.00	30.00	15.00	122.00
5879.24	22063.95	29600	29800	.40	53.00	2.50	20.00	30.00	36.00	140.00
5906.03	22044.22	29600	29820	.20	26.00	2.50	29.00	5.00	32.00	183.00
5932.82	22024.49	29600	29840	.30	35.00	2.50	32.00	5.00	35.00	176.00
5959.60	22004.76	29600	29860	.10	11.00	2.50	26.00	5.00	26.00	123.00
5986.39	21985.03	29600	29880	.10	24.00	2.50	42.00	20.00	32.00	98.00
6013.18	21965.30	29600	29900	.10	31.00	2.50	38.00	30.00	29.00	74.00
6039.97	21945.57	29600	29920	.10	30.00	2.50	35.00	5.00	37.00	102.00
6066.76	21925.84	29600	29940	.60	73.00	2.50	82.00	40.00	58.00	145.00
6093.54	21906.11	29600	29960	.10	12.00	2.50	22.00	5.00	16.00	81.00
6120.33	21886.38	29600	29980	.30	12.00	2.50	28.00	30.00	19.00	77.00
6147.12	21866.65	29600	30000	.20	21.00	2.50	28.00	5.00	28.00	130.00
6162.88	21854.04	29600	30020	.10	12.00	2.50	18.00	5.00	18.00	57.00
6178.65	21841.43	29600	30040	.10	30.00	2.50	20.00	5.00	30.00	62.00
6194.41	21828.82	29600	30060	.10	9.00	2.50	16.00	10.00	18.00	72.00
6210.17	21816.21	29600	30080	.10	12.00	2.50	15.00	5.00	18.00	93.00
6225.94	21803.60	29600	30100	.10	8.00	2.50	14.00	10.00	48.00	77.00
6241.70	21790.99	29600	30120	.10	8.00	2.50	8.00	10.00	15.00	81.00
6288.99	21753.17	29600	30180	.10	6.00	2.50	8.00	5.00	13.00	52.00
6304.75	21740.56	29600	30200	.10	8.00	2.50	11.00	5.00	16.00	61.00
6320.52	21727.95	29600	30220	.10	9.00	2.50	10.00	20.00	15.00	60.00
6336.28	21715.34	29600	30240	.10	11.00	2.50	8.00	20.00	15.00	63.00
6352.04	21702.73	29600	30260	.10	2.00	2.50	7.00	20.00	15.00	57.00
6383.57	21677.51	29600	30300	.30	9.00	2.50	43.00	20.00	23.00	93.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
5590.18	22518.20	29800	29500	.20	5.00	2.50	20.00	20.00	18.00	68.00
5617.16	22498.49	29800	29520	.10	4.00	2.50	22.00	10.00	21.00	65.00
5644.13	22478.77	29800	29540	.10	2.00	2.50	25.00	5.00	20.00	63.00
5671.11	22459.06	29800	29560	.10	5.00	2.50	23.00	5.00	19.00	57.00
5698.08	22439.35	29800	29580	.30	3.00	2.50	16.00	5.00	17.00	63.00
5725.06	22419.63	29800	29600	.20	8.00	2.50	23.00	10.00	19.00	78.00
5752.04	22399.92	29800	29620	.30	5.00	2.50	17.00	20.00	17.00	124.00
5779.01	22380.20	29800	29640	.30	6.00	2.50	17.00	5.00	19.00	91.00
5805.99	22360.49	29800	29660	.20	4.00	2.50	10.00	10.00	35.00	103.00
5832.96	22340.78	29800	29680	.10	8.00	2.50	25.00	5.00	27.00	130.00
5859.94	22321.06	29800	29700	.30	10.00	2.50	22.00	10.00	23.00	117.00
5886.92	22301.35	29800	29720	.20	8.00	2.50	11.00	10.00	16.00	113.00
5913.89	22281.63	29800	29740	.20	9.00	2.50	10.00	20.00	22.00	108.00
5940.87	22261.92	29800	29760	.30	18.00	2.50	20.00	30.00	20.00	124.00
5967.84	22242.21	29800	29780	.20	10.00	2.50	15.00	20.00	20.00	113.00
5994.82	22222.49	29800	29800	.10	5.00	2.50	20.00	10.00	20.00	120.00
6021.80	22202.78	29800	29820	.20	1.00	2.50	51.00	50.00	17.00	93.00
6048.77	22183.06	29800	29840	.30	7.00	2.50	14.00	40.00	23.00	90.00
6075.75	22163.35	29800	29860	.10	8.00	2.50	18.00	30.00	23.00	77.00
6102.72	22143.63	29800	29880	.20	13.00	2.50	13.00	20.00	19.00	87.00
6129.70	22123.92	29800	29900	.20	12.00	2.50	23.00	30.00	19.00	76.00
6156.68	22104.21	29800	29920	.10	5.00	2.50	26.00	30.00	19.00	77.00
6183.65	22084.49	29800	29940	.50	14.00	2.50	72.00	60.00	38.00	82.00
6210.63	22064.78	29800	29960	.30	17.00	2.50	42.00	30.00	33.00	120.00
6237.60	22045.06	29800	29980	.20	21.00	2.50	35.00	40.00	32.00	122.00
6264.58	22025.35	29800	30000	.10	17.00	2.50	39.00	30.00	30.00	110.00
6280.96	22013.76	29800	30020	.20	10.00	2.50	30.00	20.00	37.00	98.00
6297.34	22002.16	29800	30040	.10	11.00	2.50	24.00	10.00	24.00	88.00
6330.11	21978.98	29800	30080	.10	10.00	2.50	13.00	10.00	22.00	68.00

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UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
6362.87	21955.79	29800	30120	.10	8.00	2.50	8.00	10.00	16.00	65.00
6379.25	21944.20	29800	30140	.10	8.00	2.50	10.00	20.00	16.00	70.00
6395.63	21932.61	29800	30160	.10	12.00	2.50	11.00	10.00	18.00	65.00
6412.01	21921.02	29800	30180	.10	7.00	2.50	12.00	20.00	19.00	60.00
6428.39	21909.42	29800	30200	.10	14.00	2.50	11.00	20.00	25.00	82.00
6444.77	21897.83	29800	30220	.10	13.00	2.50	13.00	40.00	18.00	70.00
6477.54	21874.65	29800	30260	.10	13.00	2.50	14.00	40.00	30.00	72.00
6493.92	21863.05	29800	30280	.10	6.00	2.50	13.00	20.00	35.00	81.00
6510.30	21851.46	29800	30300	.10	9.00	2.50	16.00	5.00	16.00	49.00
5979.13	22483.84	30000	29500	.10	9.00	2.50	20.00	10.00	14.00	68.00
5995.26	22471.99	30000	29520	.10	12.00	2.50	20.00	20.00	15.00	62.00
6011.40	22460.14	30000	29540	.10	7.00	2.50	18.00	5.00	18.00	63.00
6027.53	22448.28	30000	29560	.10	7.00	2.50	20.00	10.00	18.00	66.00
6043.67	22436.43	30000	29580	.20	3.00	2.50	25.00	5.00	18.00	74.00
6059.80	22424.58	30000	29600	.10	8.00	2.50	17.00	20.00	14.00	45.00
6075.94	22412.73	30000	29620	.10	11.00	2.50	21.00	10.00	19.00	63.00
6092.07	22400.88	30000	29640	.10	8.00	2.50	16.00	20.00	17.00	77.00
6108.21	22389.02	30000	29660	.10	3.00	2.50	15.00	30.00	18.00	58.00
6124.34	22377.17	30000	29680	.10	5.00	2.50	17.00	20.00	18.00	86.00
6140.47	22365.32	30000	29700	.10	2.00	2.50	16.00	5.00	20.00	80.00
6156.61	22353.47	30000	29720	.10	8.00	2.50	27.00	5.00	24.00	90.00
6172.74	22341.62	30000	29740	.10	1.00	2.50	23.00	5.00	21.00	110.00
6188.88	22329.76	30000	29760	.10	1.00	2.50	14.00	5.00	15.00	89.00
6205.01	22317.91	30000	29780	.10	2.00	2.50	28.00	5.00	26.00	118.00
6221.15	22306.06	30000	29800	.10	4.00	2.50	28.00	10.00	23.00	88.00
6237.28	22294.21	30000	29820	.10	1.00	2.50	23.00	5.00	30.00	112.00
6253.42	22282.36	30000	29840	.10	2.00	2.50	49.00	10.00	31.00	120.00
6269.55	22270.50	30000	29860	.10	1.00	2.50	10.00	10.00	16.00	116.00
6301.82	22246.80	30000	29900	.10	2.00	2.50	15.00	5.00	20.00	53.00

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UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
6317.95	22234.95	30000	29920	.10	4.00	2.50	56.00	5.00	32.00	93.00
6334.09	22223.10	30000	29940	.40	1.00	2.50	60.00	10.00	29.00	125.00
6414.75	22163.87	30000	30040	.10	1.00	2.50	18.00	10.00	24.00	76.00
6430.88	22152.03	30000	30060	.10	1.00	2.50	17.00	10.00	21.00	66.00
6447.01	22140.20	30000	30080	.10	5.00	2.50	32.00	5.00	24.00	83.00
6463.14	22128.36	30000	30100	.30	6.00	2.50	26.00	5.00	28.00	172.00
6479.27	22116.53	30000	30120	.10	1.00	2.50	21.00	5.00	98.00	113.00
6495.40	22104.69	30000	30140	.10	7.00	2.50	17.00	5.00	20.00	88.00
6511.53	22092.86	30000	30160	.10	1.00	2.50	10.00	5.00	16.00	50.00
6527.66	22081.02	30000	30180	.10	1.00	2.50	16.00	10.00	17.00	72.00
6543.79	22069.19	30000	30200	.20	1.00	2.50	14.00	20.00	20.00	132.00
6559.92	22057.35	30000	30220	.10	1.00	2.50	13.00	5.00	20.00	100.00
6576.05	22045.52	30000	30240	.70	1.00	2.50	15.00	30.00	17.00	160.00
6592.18	22033.68	30000	30260	.70	1.00	2.50	26.00	30.00	21.00	265.00
6608.31	22021.85	30000	30280	.90	1.00	2.50	35.00	40.00	22.00	168.00
6624.44	22010.01	30000	30300	.10	3.00	2.50	29.00	2.00	32.00	184.00
6080.53	22620.08	30200	29500	.30	3.00	2.50	30.00	20.00	37.00	120.00
6097.30	22609.19	30200	29520	.10	1.00	2.50	23.00	10.00	23.00	95.00
6114.06	22598.30	30200	29540	.30	1.00	2.50	20.00	30.00	26.00	89.00
6130.83	22587.41	30200	29560	.10	3.00	2.50	21.00	20.00	27.00	70.00
6147.60	22576.52	30200	29580	.20	2.00	2.50	32.00	30.00	30.00	83.00
6164.37	22565.63	30200	29600	.10	2.00	2.50	30.00	5.00	28.00	91.00
6181.13	22554.74	30200	29620	.10	4.00	2.50	28.00	5.00	25.00	117.00
6197.90	22543.85	30200	29640	.10	1.00	2.50	22.00	30.00	17.00	77.00
6214.67	22532.96	30200	29660	.10	1.00	2.50	26.00	20.00	28.00	85.00
6231.43	22522.07	30200	29680	.10	1.00	2.50	15.00	20.00	18.00	68.00
6248.20	22511.18	30200	29700	.10	1.00	2.50	26.00	5.00	20.00	60.00
6264.97	22500.29	30200	29720	.10	1.00	2.50	28.00	5.00	20.00	84.00
6298.50	22478.51	30200	29760	.10	1.00	2.50	20.00	30.00	24.00	76.00

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6315.27	22467.62	30200	29780	.10	1.00	2.50	24.00	20.00	22.00	90.00
6332.04	22456.73	30200	29800	.10	1.00	2.50	23.00	10.00	26.00	95.00
6348.81	22445.84	30200	29820	.10	3.00	2.50	41.00	30.00	35.00	108.00
6365.57	22434.95	30200	29840	.20	4.00	2.50	42.00	10.00	35.00	110.00
6382.34	22424.06	30200	29860	.40	1.00	2.50	16.00	20.00	23.00	117.00
6399.11	22413.17	30200	29880	.20	3.00	2.50	19.00	5.00	29.00	100.00
6415.87	22402.28	30200	29900	.20	7.00	2.50	36.00	5.00	33.00	123.00
6432.64	22391.39	30200	29920	.10	1.00	2.50	16.00	5.00	21.00	86.00
6449.41	22380.50	30200	29940	.30	2.00	2.50	15.00	5.00	23.00	100.00
6466.18	22369.61	30200	29960	.20	3.00	2.50	24.00	10.00	25.00	95.00
6482.94	22358.72	30200	29980	.10	1.00	2.50	10.00	5.00	19.00	80.00
6516.21	22336.49	30200	30020	.30	3.00	2.50	20.00	5.00	21.00	94.00
6532.72	22325.16	30200	30040	.10	1.00	2.50	50.00	5.00	35.00	92.00
6565.72	22302.49	30200	30080	.30	2.00	2.50	13.00	5.00	20.00	86.00
6582.22	22291.15	30200	30100	.10	2.00	2.50	23.00	5.00	22.00	78.00
6598.73	22279.81	30200	30120	.20	7.00	2.50	9.00	10.00	16.00	80.00
6615.23	22268.48	30200	30140	.20	1.00	2.50	18.00	5.00	19.00	73.00
6631.73	22257.14	30200	30160	.10	1.00	10.00	7.00	5.00	16.00	80.00
6648.23	22245.80	30200	30180	.40	1.00	2.50	13.00	5.00	14.00	91.00
6681.24	22223.13	30200	30220	.20	11.00	2.50	20.00	10.00	22.00	84.00
6697.74	22211.80	30200	30240	.50	10.00	2.50	30.00	20.00	40.00	144.00
6714.24	22200.46	30200	30260	.40	1.00	2.50	34.00	10.00	42.00	216.00
6730.75	22189.13	30200	30280	.40	1.00	2.50	9.00	5.00	20.00	60.00
6747.25	22177.79	30200	30300	.30	7.00	2.50	36.00	10.00	32.00	92.00
6366.08	22672.22	30400	29700	.10	1.00	2.50	23.00	30.00	30.00	100.00
6382.91	22661.36	30400	29720	.10	10.00	2.50	40.00	30.00	23.00	88.00
6399.74	22650.51	30400	29740	.10	7.00	2.50	33.00	30.00	27.00	96.00
6416.57	22639.65	30400	29760	.10	5.00	2.50	22.00	20.00	32.00	97.00
6450.24	22617.93	30400	29800	.20	2.00	10.00	25.00	10.00	19.00	95.00

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UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
6467.07	22607.08	30400	29820	.30	1.00	10.00	10.00	10.00	15.00	87.00
6483.90	22596.22	30400	29840	.30	10.00	10.00	30.00	10.00	20.00	92.00
6500.73	22585.36	30400	29860	.30	5.00	2.50	37.00	20.00	27.00	130.00
6517.56	22574.50	30400	29880	.30	1.00	2.50	45.00	5.00	29.00	120.00
6534.39	22563.65	30400	29900	.20	5.00	2.50	25.00	5.00	20.00	128.00
6551.22	22552.79	30400	29920	.40	1.00	2.50	19.00	20.00	20.00	163.00
6568.06	22541.93	30400	29940	.40	3.00	2.50	18.00	30.00	23.00	108.00
6584.89	22531.07	30400	29960	.30	2.00	2.50	37.00	20.00	29.00	120.00
6601.72	22520.22	30400	29980	.30	1.00	2.50	21.00	30.00	28.00	110.00
6618.55	22509.36	30400	30000	.30	1.00	2.50	20.00	20.00	48.00	152.00
6635.15	22498.35	30400	30020	.30	1.00	2.50	11.00	40.00	18.00	88.00
6651.75	22487.35	30400	30040	.40	1.00	2.50	18.00	5.00	20.00	113.00
6668.35	22476.34	30400	30060	.20	5.00	2.50	21.00	10.00	28.00	114.00
6684.95	22465.34	30400	30080	.50	14.00	2.50	46.00	60.00	36.00	190.00
6701.55	22454.33	30400	30100	.30	5.00	15.00	35.00	40.00	46.00	106.00
6718.15	22443.32	30400	30120	.10	1.00	2.50	31.00	30.00	32.00	86.00
6734.76	22432.32	30400	30140	.40	6.00	2.50	39.00	20.00	31.00	120.00
6751.36	22421.31	30400	30160	.30	3.00	2.50	8.00	5.00	13.00	66.00
6767.96	22410.31	30400	30180	.40	2.00	2.50	36.00	20.00	22.00	106.00
6784.56	22399.30	30400	30200	.10	11.00	2.50	46.00	5.00	58.00	100.00
6801.16	22388.29	30400	30220	.10	2.00	2.50	18.00	5.00	22.00	76.00
6491.86	22845.01	30600	29700	.10	1.00	2.50	9.00	40.00	20.00	70.00
6508.19	22833.45	30600	29720	.10	6.00	2.50	19.00	80.00	32.00	122.00
6524.51	22821.88	30600	29740	.10	1.00	2.50	15.00	40.00	16.00	63.00
6540.84	22810.31	30600	29760	.10	1.00	2.50	20.00	20.00	25.00	95.00
6557.17	22798.75	30600	29780	.10	13.00	2.50	25.00	50.00	34.00	122.00
6573.50	22787.18	30600	29800	.20	10.00	2.50	22.00	20.00	24.00	96.00
6589.82	22775.62	30600	29820	.20	9.00	2.50	32.00	10.00	32.00	104.00
6622.48	22752.49	30600	29860	.10	15.00	2.50	30.00	5.00	25.00	95.00

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6638.81	22740.92	30600	29880	.10	10.00	2.50	34.00	10.00	31.00	92.00
6655.13	22729.36	30600	29900	.40	19.00	2.50	69.00	20.00	54.00	170.00
6671.46	22717.79	30600	29920	.30	16.00	2.50	85.00	30.00	57.00	165.00
6687.79	22706.22	30600	29940	.10	8.00	2.50	52.00	5.00	33.00	124.00
6704.12	22694.66	30600	29960	.40	16.00	2.50	71.00	20.00	40.00	190.00
6720.44	22683.09	30600	29980	.20	10.00	2.50	28.00	20.00	20.00	82.00
6736.77	22671.53	30600	30000	.10	13.00	2.50	15.00	5.00	17.00	67.00
6769.69	22648.63	30600	30040	.10	22.00	2.50	22.00	5.00	27.00	106.00
6786.14	22637.17	30600	30060	.30	14.00	2.50	27.00	20.00	36.00	125.00
6802.60	22625.72	30600	30080	.30	14.00	2.50	26.00	10.00	31.00	92.00
6819.06	22614.27	30600	30100	.60	25.00	2.50	25.00	20.00	60.00	117.00
6835.51	22602.82	30600	30120	.50	7.00	2.50	15.00	10.00	25.00	117.00
6851.97	22591.37	30600	30140	.30	5.00	2.50	16.00	10.00	43.00	80.00
6868.43	22579.92	30600	30160	.10	5.00	2.50	26.00	5.00	23.00	90.00
6884.89	22568.46	30600	30180	.10	7.00	2.50	20.00	5.00	27.00	118.00
6901.34	22557.01	30600	30200	.10	11.00	2.50	18.00	5.00	20.00	112.00
6917.80	22545.56	30600	30220	.20	9.00	2.50	12.00	20.00	22.00	86.00
6934.26	22534.11	30600	30240	.30	5.00	2.50	24.00	5.00	23.00	70.00
6612.43	23012.52	30800	29700	.30	9.00	2.50	36.00	20.00	32.00	130.00
6628.62	23000.62	30800	29720	.20	11.00	2.50	30.00	5.00	20.00	96.00
6644.82	22988.72	30800	29740	.40	19.00	2.50	52.00	5.00	28.00	108.00
6661.01	22976.82	30800	29760	.20	16.00	2.50	60.00	5.00	30.00	128.00
6677.20	22964.92	30800	29780	.40	20.00	2.50	100.00	10.00	41.00	168.00
6693.39	22953.02	30800	29800	.80	40.00	2.50	114.00	NSS	45.00	154.00
6709.59	22941.12	30800	29820	.40	26.00	2.50	103.00	40.00	42.00	142.00
6741.97	22917.32	30800	29860	.10	10.00	2.50	16.00	20.00	10.00	65.00
6758.16	22905.42	30800	29880	.10	8.00	10.00	17.00	20.00	15.00	83.00
6774.36	22893.52	30800	29900	.20	14.00	2.50	24.00	20.00	18.00	120.00
6806.74	22869.72	30800	29940	.10	16.00	2.50	38.00	10.00	18.00	112.00

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UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
6822.93	22857.82	30800	29960	.10	9.00	2.50	26.00	20.00	15.00	173.00
6839.13	22845.92	30800	29980	.10	3.00	2.50	22.00	5.00	11.00	49.00
6855.32	22834.02	30800	30000	.10	6.00	2.50	12.00	10.00	11.00	55.00
6872.08	22823.02	30800	30020	.10	5.00	2.50	11.00	5.00	9.00	90.00
6888.85	22812.01	30800	30040	.10	7.00	2.50	17.00	5.00	12.00	63.00
6905.61	22801.01	30800	30060	.10	7.00	2.50	16.00	5.00	12.00	56.00
6922.38	22790.00	30800	30080	.10	1.00	2.50	12.00	5.00	9.00	82.00
6939.14	22779.00	30800	30100	.10	9.00	2.50	17.00	10.00	14.00	86.00
6955.91	22768.00	30800	30120	.10	4.00	2.50	12.00	5.00	11.00	52.00
6972.67	22756.99	30800	30140	.10	6.00	2.50	34.00	20.00	14.00	68.00
6989.44	22745.99	30800	30160	.10	2.00	2.50	16.00	5.00	13.00	73.00
7006.20	22734.98	30800	30180	.20	8.00	2.50	28.00	5.00	21.00	116.00
7022.97	22723.98	30800	30200	.30	10.00	2.50	64.00	50.00	18.00	92.00
5496.13	21762.92	29140	29540	.30	NA	2.50	24.00	NA	18.00	130.00
5507.85	21779.02	29160	29540	.30	NA	25.00	21.00	NA	16.00	110.00
5519.57	21795.12	29180	29540	.30	NA	60.00	22.00	NA	21.00	144.00
5531.29	21811.22	29200	29540	.20	NA	40.00	24.00	NA	17.00	90.00
5543.02	21827.32	29220	29540	.20	NA	10.00	28.00	NA	17.00	75.00
5554.74	21843.42	29240	29540	.20	NA	35.00	10.00	NA	15.00	151.00
5566.46	21859.52	29260	29540	.20	NA	40.00	12.00	NA	22.00	103.00
5783.28	21608.88	29180	29860	.20	NA	70.00	12.00	NA	13.00	100.00
5799.50	21597.40	29180	29880	.30	NA	40.00	18.00	NA	14.00	80.00
5815.72	21585.92	29180	29900	.10	NA	2.50	13.00	NA	12.00	72.00
5811.62	21614.55	29200	29880	.10	NA	2.50	14.00	NA	12.00	105.00
5807.17	21641.81	29220	29860	.20	NA	2.50	30.00	NA	16.00	124.00
5823.86	21630.16	29220	29880	.20	NA	40.00	14.00	NA	11.00	96.00
5840.55	21618.50	29220	29900	.20	NA	2.50	17.00	NA	16.00	130.00
5528.87	21739.32	29140	29580	.10	NA	2.50	28.00	NA	17.00	78.00
5552.42	21771.62	29180	29580	.30	NA	2.50	12.00	NA	13.00	177.00

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
5564.20	21787.77	29200	29580	.60	NA	2.50	92.00	NA	42.00	197.00
5575.98	21803.92	29220	29580	.20	NA	2.50	84.00	NA	42.00	146.00
5587.75	21820.07	29240	29580	.10	NA	2.50	20.00	NA	16.00	131.00
5599.53	21836.22	29260	29580	.30	NA	20.00	20.00	NA	17.00	131.00
5562.25	21715.69	29140	29620	.30	NA	30.00	30.00	NA	17.00	95.00
5574.02	21731.73	29160	29620	.20	NA	25.00	27.00	NA	20.00	115.00
5585.80	21747.78	29180	29620	.30	NA	2.50	38.00	NA	22.00	127.00
5597.57	21763.82	29200	29620	.30	NA	15.00	52.00	NA	21.00	120.00
5609.34	21779.87	29220	29620	.30	NA	15.00	52.00	NA	38.00	200.00
5621.12	21795.92	29240	29620	.40	NA	2.50	60.00	NA	39.00	208.00
5632.89	21811.96	29260	29620	.20	NA	2.50	40.00	NA	23.00	110.00
5609.98	21681.93	29140	29680	.20	NA	2.50	25.00	NA	16.00	71.00
5621.71	21698.14	29160	29680	.30	NA	2.50	20.00	NA	16.00	152.00
5633.43	21714.34	29180	29680	.30	NA	2.50	14.00	NA	16.00	97.00
5645.16	21730.55	29200	29680	.10	NA	2.50	10.00	NA	10.00	123.00
5656.88	21746.76	29220	29680	.10	NA	2.50	29.00	NA	15.00	100.00
5668.60	21762.96	29240	29680	.10	NA	2.50	25.00	NA	12.00	78.00
5680.33	21779.17	29260	29680	.10	NA	2.50	27.00	NA	15.00	80.00
5901.47	21970.96	29540	29740	.20	NA	2.50	31.00	NA	14.00	108.00
5913.45	21987.02	29560	29740	.30	NA	2.50	49.00	NA	24.00	136.00
5925.42	22003.07	29580	29740	.40	NA	2.50	47.00	NA	21.00	132.00
5937.40	22019.13	29600	29740	.30	NA	2.50	17.00	NA	18.00	170.00
5949.38	22035.18	29620	29740	.10	NA	2.50	15.00	NA	21.00	100.00
5961.35	22051.23	29640	29740	.50	NA	10.00	26.00	NA	25.00	147.00
5973.33	22067.29	29660	29740	.20	NA	10.00	21.00	NA	23.00	155.00
5933.91	21946.06	29540	29780	.40	NA	20.00	37.00	NA	38.00	138.00
5946.00	21962.27	29560	29780	.40	NA	15.00	14.00	NA	17.00	156.00
5958.08	21978.48	29580	29780	.30	NA	20.00	17.00	NA	15.00	158.00

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
5970.17	21994.69	29600	29780	.40	NA	2.50	19.00	NA	17.00	153.00
5982.26	22010.90	29620	29780	.20	NA	2.50	15.00	NA	21.00	170.00
5994.34	22027.11	29640	29780	.30	NA	2.50	19.00	NA	21.00	178.00
6006.43	22043.32	29660	29780	.30	NA	2.50	7.00	NA	12.00	106.00
6399.48	22580.97	30340	29780	.20	NA	2.50	21.00	NA	19.00	82.00
6411.23	22597.00	30360	29780	.40	NA	2.50	11.00	NA	15.00	103.00
6422.99	22613.03	30380	29780	.30	NA	2.50	18.00	NA	20.00	120.00
6434.74	22629.05	30400	29780	.30	NA	2.50	17.00	NA	16.00	128.00
6446.50	22645.08	30420	29780	.40	NA	2.50	48.00	NA	28.00	156.00
6458.25	22661.11	30440	29780	.50	NA	2.50	21.00	NA	24.00	121.00
5966.41	21923.37	29540	29820	.50	NA	2.50	12.00	NA	16.00	130.00
5978.44	21939.37	29560	29820	.40	NA	2.50	15.00	NA	16.00	84.00
5990.47	21955.37	29580	29820	.50	NA	2.50	23.00	NA	18.00	108.00
6002.50	21971.38	29600	29820	.30	NA	5.00	23.00	NA	28.00	200.00
6014.52	21987.38	29620	29820	.50	NA	15.00	20.00	NA	19.00	166.00
6026.55	22003.38	29640	29820	.20	NA	2.50	17.00	NA	13.00	62.00
6038.58	22019.38	29660	29820	.30	NA	20.00	22.00	NA	17.00	77.00
6446.02	22574.45	30360	29820	.40	NA	20.00	29.00	NA	33.00	156.00
6457.53	22590.68	30380	29820	.40	NA	10.00	14.00	NA	21.00	132.00
6469.03	22606.90	30400	29820	.40	NA	15.00	10.00	NA	15.00	101.00
6480.54	22623.13	30420	29820	.40	NA	20.00	8.00	NA	17.00	133.00
6492.04	22639.35	30440	29820	.40	NA	20.00	37.00	NA	27.00	158.00
6503.55	22655.58	30460	29820	.40	NA	2.50	31.00	NA	16.00	121.00
6490.05	22568.95	30380	29860	.30	NA	20.00	17.00	NA	20.00	86.00
6501.19	22585.69	30400	29860	.60	NA	20.00	42.00	NA	24.00	136.00
6512.32	22602.43	30420	29860	.60	NA	15.00	25.00	NA	18.00	125.00
6523.46	22619.18	30440	29860	.50	NA	30.00	20.00	NA	17.00	100.00
6534.59	22635.92	30460	29860	.20	NA	2.50	28.00	NA	22.00	135.00
6545.73	22652.66	30480	29860	.20	NA	2.50	49.00	NA	30.00	114.00

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Ag (ppm)	As (ppm)	Au (ppb)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Zn (ppm)
6603.59	22254.56	30180	30140	.10	NA	2.50	20.00	NA	16.00	82.00
6636.70	22231.23	30180	30180	.20	NA	2.50	21.00	NA	19.00	120.00
6631.73	22257.14	30200	30160	.20	NA	2.50	10.00	NA	19.00	103.00
6628.14	22285.07	30220	30140	.20	NA	2.50	18.00	NA	20.00	120.00
6644.54	22273.73	30220	30160	.10	NA	2.50	19.00	NA	21.00	96.00
6660.95	22262.38	30220	30180	.10	NA	2.50	16.00	NA	15.00	97.00

PA = Previously analyzed (1988) NA = Not analyzed NSS = Not sufficient sample

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

Placer Data Analysis System - STATS

run on 90:04:24 at 10:30:39

NOBLE 188 CLEARWATER MCCORVIE GRID

Summary of data from file : MCORSOIL.UTM

This data file contains an internal header: (5 records)
Data grouped into 14 fields
with format: (2A8, 5F10.2, 7F10.2)

Character ID fields:
PROJ LINE

Coordinate fields:
STA NRTH EAST XUTM YUTM

Other data fields:
AG AS AU CU HG PB ZN

Missing data indicated by NULL value 99999.0

BASIC STATISTICS OF SELECTED DATA FIELDS:

NAME	NDATA	NULLS	MINIMUM	MAXIMUM	MEAN	STD. DEV.	GEOM. MEAN	DISPERSION	
AG	510	0	.100000	.900000	.199215	.136039	.165399	.922914E-01	.296417
AS	429	81	1.00000	177.000	6.61072	10.8240	3.89717	1.41657	10.7217
AU	510	0	2.50000	70.0000	4.04902	6.41573	2.95365	1.67433	5.21047
CU	510	0	6.00000	125.000	22.8980	15.5598	19.5515	11.4573	33.3639
HG	428	82	2.00000	100.000	17.1659	14.2297	12.5897	5.70569	27.7794
PB	510	0	8.00000	182.000	20.9941	11.6869	19.2424	13.0615	28.3482
ZN	510	0	41.0000	265.000	97.3804	31.4075	92.9538	68.8322	125.529

HISTO: NOBLE 188 CLEARWATER MCCORVIE GRID RUN ON 90:04:24 AT 10:30:39

File: MCORSOIL.UTM Field name: CU LOG = 1 REPVAL = .00100

510 SAMPLES WITH CU MINIMUM: 6.00000 MAXIMUM: 125.000

495 VALUES PLOTTED: 15 NOT IN RANGE 6.00000 to 60.0000

GEOMETRIC MEAN: 18.6965 DISPERSION: 11.6344 30.0455

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

N	MIDPOINT	PERCENT	0 5.0 10.0 15 20 25 30 35 40 45 5
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1	6.0000	.20	I**
0	6.3555	.00	I
0	6.7321	.00	I
5	7.1310	1.01	I**********
0	7.5536	.00	I
14	8.0011	2.83	I****************************
0	8.4752	.00	I
16	8.9774	# 3.23	I********************************
0	9.5094	.00	I
31	10.073	6.26	I**
0	10.670	.00	I
21	11.302	4.24	I**
24	11.972	4.85	I**
22	12.681	4.44	I**
0	13.432	.00	I
18	14.228	3.64	I*************************************
24	15.071	4.85	I**
21	15.964	4.24	I**
21	16.910	4.24	I**
21	17.912	4.24	I**
12	18.974	# 2.42	I************************
34	20.098	6.87	I**
19	21.289	3.84	I**************************************
42	22.550	8.48	I**
11	23.886	2.22	I**********************
29	25.302	5.86	I**
4	26.801	.81	I********
18	28.389	3.64	I*************************************
15	30.071	3.03	I******************************
11	31.853	2.22	I**********************
8	33.740	1.62	I****************
11	35.740	2.22	I**********************
8	37.857	1.62	I****************
5	40.101	1.01	I**********
5	42.477	# 1.01	I**********
4	44.994	.81	I********
6	47.660	1.21	I************
3	50.484	.61	I******
5	53.475	1.01	I**********
2	56.644	.40	I****
4	60.000	.81	I********
-----			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
495			0 5.0 10.0 15 20 25 30 35 40 45 5

HISTO: NOBLE 188 CLEARWATER MCCORVIE GRID RUN ON 90:04:24 AT 10:30:39

File: MCORSOIL.UTM Field name: ZN LOG = 1 REPVAL = .00100

510 SAMPLES WITH ZN MINIMUM: 41.0000 MAXIMUM: 265.000

507 VALUES PLOTTED: 3 NOT IN RANGE 41.0000 to 200.000

GEOMETRIC MEAN: 92.4608 DISPERSION: 68.9707 123.951

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

N	MIDPOINT	PERCENT	0 5.0 10.0 15 20 25 30 35 40 45 5
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1	41.000	.20	I**
0	42.657	.00	I
2	44.381	.39	I****
2	46.175	.39	I****
2	48.041	.39	I****
1	49.982	.20	I**
7	52.002	1.38	I**************
3	54.104	.59	I******
6	56.290	1.18	I************
2	58.565	# .39	I****
11	60.932	2.17	I**********************
9	63.395	1.78	I******************
17	65.957	3.35	I**********************************
12	68.622	2.37	I************************
21	71.395	4.14	I**
20	74.281	3.94	I**
33	77.283	6.51	I***
46	80.406	9.07	I**
22	83.656	4.34	I**
25	87.037	4.93	I**
35	90.554	# 6.90	I**
29	94.214	5.72	I**
10	98.021	1.97	I********************
28	101.98	5.52	I***
19	106.10	3.75	I**************************************
12	110.39	2.37	I************************
21	114.85	4.14	I**
23	119.50	4.54	I**
17	124.32	3.35	I**********************************
15	129.35	2.96	I******************************
8	134.58	1.58	I****************
4	140.02	.79	I********
5	145.67	.99	I**********
6	151.56	1.18	I************
10	157.69	# 1.97	I********************
5	164.06	.99	I**********
8	170.69	1.58	I****************
3	177.59	.59	I******
2	184.76	.39	I****
2	192.23	.39	I****
3	200.00	.59	I******
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
507			0 5.0 10.0 15 20 25 30 35 40 45 5

HISTO: NOBLE 188 CLEARWATER MCCORVIE GRID RUN ON 90:04:24 AT 10:30:39

File: MCORSOIL.UTM Field name: AG LOG = 1 REPVAL = .00100

510 SAMPLES WITH AG MINIMUM: .100000 MAXIMUM: .900000

504 VALUES PLOTTED: 6 NOT IN RANGE .100000 to .600000

GEOMETRIC MEAN: .162415 DISPERSION: .925669E-01 .284968

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

N	MIDPOINT	PERCENT	0 40 80 120 160 200 240 280 320 360 40
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
267	.10000	# 52.98	I**********
0	.10458	.00	I
0	.10937	.00	I
0	.11438	.00	I
0	.11962	.00	I
0	.12510	.00	I
0	.13083	.00	I
0	.13683	.00	I
0	.14310	.00	I
0	.14965	.00	I
0	.15651	.00	I
0	.16368	.00	I
0	.17118	.00	I
0	.17902	.00	I
0	.18722	.00	I
98	.19580	19.44	I************************
0	.20477	.00	I
0	.21415	.00	I
0	.22396	.00	I
0	.23422	.00	I
0	.24495	.00	I
0	.25617	.00	I
0	.26791	.00	I
0	.28018	.00	I
0	.29302	.00	I
77	.30644	15.28	I*******************
0	.32048	.00	I
0	.33516	.00	I
0	.35051	.00	I
0	.36657	.00	I
0	.38337	.00	I
41	.40093	# 8.13	I**********
0	.41930	.00	I
0	.43850	.00	I
0	.45859	.00	I
0	.47960	.00	I
14	.50157	2.78	I****
0	.52455	.00	I
0	.54858	.00	I
0	.57372	.00	I
7	.60000	1.39	I**
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
504			0 40 80 120 160 200 240 280 320 360 40

HISTO: NOBLE 188 CLEARWATER MCCORVIE GRID RUN ON 90:04:24 AT 10:30:39

File: MCORSOIL.UTM Field name: AU LOG = 1 REPVAL = .00100

510 SAMPLES WITH AU MINIMUM: 2.50000 MAXIMUM: 70.0000

499 VALUES PLOTTED: 11 NOT IN RANGE 2.50000 to 20.0000

GEOMETRIC MEAN: 2.79259 DISPERSION: 1.82464 4.27402

SCALE OF HISTOGRAM IS 5.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 50 100 150 200 250 300 350 400 450 50
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
466	2.5000	# 93.39	I**********
0	2.6334	.00	I
0	2.7739	.00	I
0	2.9219	.00	I
0	3.0779	.00	I
0	3.2421	.00	I
0	3.4151	.00	I
0	3.5973	.00	I
0	3.7893	.00	I
0	3.9915	.00	I
0	4.2045	.00	I
0	4.4288	.00	I
0	4.6652	.00	I
1	4.9141	.20	I
0	5.1763	.00	I
0	5.4525	.00	I
0	5.7435	.00	I
0	6.0500	.00	I
0	6.3728	.00	I
0	6.7129	.00	I
0	7.0711	.00	I
0	7.4484	.00	I
0	7.8458	.00	I
0	8.2645	.00	I
0	8.7055	.00	I
0	9.1700	.00	I
0	9.6594	.00	I
14	10.175	# 2.81	I***
0	10.718	.00	I
0	11.290	.00	I
0	11.892	.00	I
0	12.527	.00	I
0	13.195	.00	I
0	13.899	.00	I
8	14.641	1.60	I**
0	15.422	.00	I
0	16.245	.00	I
0	17.112	.00	I
0	18.025	.00	I
0	18.987	.00	I
10	20.000	2.00	I**
-----			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
499			0 50 100 150 200 250 300 350 400 450 50

HISTO: NOBLE 188 CLEARWATER MCCORVIE GRID RUN ON 90:04:24 AT 10:30:39

File: MCORSOIL.UTM Field name: HG LOG = 1 REPVAL = .00100

428 SAMPLES WITH HG MINIMUM: 2.00000 MAXIMUM: 100.000

424 VALUES PLOTTED: 4 NOT IN RANGE 2.00000 to 60.0000

GEOMETRIC MEAN: 12.3694 DISPERSION: 5.70582 26.8150

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

N	MIDPOINT	PERCENT	0 20 40 60 80 100 120 140 160 180 20
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1	2.0000	.24	I*
0	2.1775	.00	I
0	2.3708	.00	I
0	2.5812	.00	I
0	2.8102	.00	I
0	3.0596	.00	I
0	3.3312	.00	I
0	3.6268	.00	I
0	3.9487	.00	I
0	4.2991	.00	I
0	4.6807	.00	I
139	5.0961	# 32.78	I**
0	5.5484	.00	I
0	6.0408	.00	I
0	6.5769	.00	I
0	7.1606	.00	I
0	7.7961	.00	I
0	8.4880	.00	I
0	9.2413	.00	I
90	10.062	# 21.23	I***
0	10.954	.00	I
0	11.927	.00	I
0	12.985	.00	I
0	14.138	.00	I
0	15.392	.00	I
0	16.758	.00	I
0	18.246	.00	I
100	19.865	23.58	I**
0	21.628	.00	I
0	23.547	.00	I
0	25.637	.00	I
0	27.913	.00	I
57	30.390	13.44	I*****************************
0	33.087	.00	I
0	36.023	.00	I
20	39.220	# 4.72	I**********
0	42.701	.00	I
0	46.491	.00	I
11	50.617	2.59	I******
0	55.109	.00	I
6	60.000	1.42	I***
-----			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
424			0 20 40 60 80 100 120 140 160 180 20

HISTO: NOBLE 188 CLEARWATER MCCORVIE GRID RUN ON 90:04:24 AT 10:30:39

File: MCORSOIL.UTM Field name: AS LOG = 1 REPVAL = .00100

429 SAMPLES WITH AS MINIMUM: 1.00000 MAXIMUM: 177.000

426 VALUES PLOTTED: 3 NOT IN RANGE 1.00000 to 40.0000

GEOMETRIC MEAN: 3.81251 DISPERSION: 1.43086 10.1584

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

N	MIDPOINT	PERCENT	0 20 40 60 80 100 120 140 160 180 20
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
108	1.0000	# 25.35	I**********
0	1.0966	.00	I
0	1.2025	.00	I
0	1.3187	.00	I
0	1.4461	.00	I
0	1.5858	.00	I
0	1.7390	.00	I
0	1.9070	.00	I
38	2.0913	8.92	I**********
0	2.2933	.00	I
0	2.5149	.00	I
0	2.7578	.00	I
38	3.0243	8.92	I**********
0	3.3164	.00	I
0	3.6368	.00	I
37	3.9882	# 8.69	I**********
0	4.3734	.00	I
37	4.7960	8.69	I**********
0	5.2593	.00	I
18	5.7674	4.23	I*********
0	6.3246	.00	I
27	6.9356	6.34	I**********
0	7.6056	.00	I
22	8.3404	5.16	I**********
17	9.1461	3.99	I*********
14	10.030	3.29	I*******
10	10.999	2.35	I*****
15	12.061	3.52	I********
8	13.226	1.88	I****
11	14.504	2.58	I******
4	15.905	.94	I**
4	17.442	# .94	I**
5	19.127	1.17	I***
2	20.975	.47	I*
3	23.001	.70	I**
3	25.223	.70	I** 25 PPM
0	27.660	.00	I
3	30.332	.70	I**
0	33.263	.00	I
1	36.476	.23	I*
1	40.000	.23	I*
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
426			0 20 40 60 80 100 120 140 160 180 20

CORMAT: RUN ON 90:04:24 AT 10:30:39

Data from file: MCORSOIL.UTM

NOBLE 188 CLEARWATER MCCORVIE GRID

Correlation matrix for 510 records with 7 variables

	AG	AS	AU	CU	HG	PB	ZN
LOG:	0	0	0	0	0	0	0
AG	1.000	.321	.193	.449	.226	.305	.584
AS	.321	1.000	.024	.320	.217	.283	.266
AU	.193	.024	1.000	.024	.086	-.019	.145
CU	.449	.320	.024	1.000	.217	.540	.398
HG	.226	.217	.086	.217	1.000	.185	.137
PB	.305	.283	-.019	.540	.185	1.000	.302
ZN	.584	.266	.145	.398	.137	.302	1.000

Number of data pairs contributing to correlation

	AG	AS	AU	CU	HG	PB	ZN
AG	510	429	510	510	428	510	510
AS	429	429	429	429	428	429	429
AU	510	429	510	510	428	510	510
CU	510	429	510	510	428	510	510
HG	428	428	428	428	428	428	428
PB	510	429	510	510	428	510	510
ZN	510	429	510	510	428	510	510

NOBLE PROJECT 1989 SOUTHERN RECON GRID SOIL DATA

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3306.86	19922.98	7320	9180	15.00	.05	71.00	25.00	112.00
3326.96	19921.82	7340	9180	5.00	.10	99.00	27.00	124.00
3347.05	19920.66	7360	9180	5.00	.10	60.00	18.00	95.00
5980.93	19831.18	9980	9180	3.00	.05	19.00	19.00	90.00
6000.83	19829.44	10000	9180	5.00	.05	13.00	13.00	97.00
6020.73	19828.65	10020	9180	10.00	.10	18.00	20.00	87.00
2985.38	19961.55	7000	9200	3.00	.05	19.00	27.00	93.00
3025.57	19959.23	7040	9200	3.00	.05	34.00	52.00	112.00
3065.75	19956.91	7080	9200	3.00	.05	30.00	37.00	117.00
3105.94	19954.59	7120	9200	10.00	.05	17.00	31.00	142.00
3146.12	19952.27	7160	9200	3.00	.05	20.00	37.00	158.00
3186.31	19949.94	7200	9200	10.00	.05	43.00	33.00	102.00
3226.49	19947.62	7240	9200	15.00	.05	35.00	36.00	105.00
3266.68	19945.30	7280	9200	5.00	.05	47.00	25.00	118.00
3306.86	19942.98	7320	9200	10.00	.05	115.00	37.00	108.00
3326.96	19941.82	7340	9200	5.00	.05	49.00	22.00	115.00
3347.05	19940.66	7360	9200	55.00	.05	70.00	29.00	82.00
3387.23	19938.34	7400	9200	15.00	.05	56.00	34.00	132.00
3427.42	19936.02	7440	9200	10.00	.05	40.00	27.00	155.00
3467.61	19933.69	7480	9200	20.00	.05	37.00	23.00	164.00
3507.79	19931.37	7520	9200	3.00	.05	35.00	24.00	171.00
3547.98	19929.05	7560	9200	20.00	.05	46.00	30.00	188.00
3588.16	19926.73	7600	9200	10.00	.05	66.00	31.00	131.00
3628.35	19924.41	7640	9200	15.00	.05	44.00	25.00	155.00
3668.53	19922.09	7680	9200	5.00	.05	29.00	99.00	303.00
3708.72	19919.77	7720	9200	5.00	.05	49.00	31.00	340.00
3748.90	19917.44	7760	9200	10.00	.05	36.00	82.00	382.00
3789.09	19915.12	7800	9200	10.00	.05	21.00	75.00	330.00
3829.27	19912.80	7840	9200	5.00	.10	20.00	40.00	268.00
3869.46	19910.48	7880	9200	10.00	.05	21.00	18.00	193.00
3909.64	19908.16	7920	9200	10.00	.20	15.00	23.00	301.00
3949.83	19905.84	7960	9200	3.00	.20	17.00	24.00	303.00
3990.02	19903.52	8000	9200	3.00	.10	17.00	19.00	177.00
4030.20	19901.19	8040	9200	5.00	.20	15.00	18.00	936.00
4070.39	19898.87	8080	9200	5.00	.10	13.00	29.00	300.00
4110.57	19896.55	8120	9200	3.00	.10	13.00	22.00	238.00
4150.76	19894.23	8160	9200	3.00	.05	19.00	33.00	136.00
4190.94	19891.91	8200	9200	3.00	.05	12.00	13.00	143.00
4231.13	19889.59	8240	9200	3.00	.05	15.00	21.00	169.00
4271.31	19887.27	8280	9200	10.00	.05	16.00	18.00	77.00
4311.50	19884.94	8320	9200	3.00	.05	14.00	16.00	79.00
4351.68	19882.62	8360	9200	3.00	.05	13.00	16.00	78.00
4391.87	19880.30	8400	9200	5.00	.05	38.00	27.00	88.00
4435.31	19878.43	8440	9200	3.00	.05	17.00	28.00	78.00

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
4478.75	19876.55	8480	9200	3.00	.05	25.00	29.00	106.00
4522.20	19874.68	8520	9200	3.00	.05	22.00	24.00	109.00
4565.64	19872.81	8560	9200	5.00	.05	15.00	17.00	93.00
4609.08	19870.93	8600	9200	5.00	.05	11.00	14.00	100.00
4652.52	19869.06	8640	9200	3.00	.05	15.00	22.00	112.00
4695.97	19867.19	8680	9200	5.00	.05	13.00	19.00	91.00
4739.41	19865.31	8720	9200	5.00	.05	14.00	19.00	103.00
4782.85	19863.44	8760	9200	3.00	.05	11.00	19.00	90.00
5005.76	19936.65	9000	9200	3.00	.05	13.00	27.00	86.00
5045.56	19933.16	9040	9200	3.00	.05	15.00	26.00	88.00
5085.37	19929.67	9080	9200	3.00	.05	13.00	26.00	99.00
5125.17	19926.19	9120	9200	10.00	.05	15.00	19.00	111.00
5164.97	19922.70	9160	9200	3.00	.05	30.00	29.00	109.00
5204.77	19919.21	9200	9200	10.00	.05	47.00	51.00	127.00
5244.58	19915.72	9240	9200	5.00	.05	33.00	38.00	112.00
5284.38	19912.23	9280	9200	3.00	.05	29.00	34.00	100.00
5324.18	19908.74	9320	9200	3.00	.05	17.00	26.00	127.00
5363.98	19905.25	9360	9200	3.00	.05	20.00	28.00	112.00
5403.79	19901.77	9400	9200	3.00	.05	20.00	34.00	101.00
5443.59	19898.28	9440	9200	3.00	.10	40.00	41.00	93.00
5483.39	19894.79	9480	9200	3.00	.10	11.00	28.00	68.00
5523.20	19891.30	9520	9200	3.00	.10	21.00	43.00	95.00
5563.00	19887.81	9560	9200	10.00	.10	27.00	45.00	172.00
5602.80	19884.32	9600	9200	3.00	.10	32.00	54.00	137.00
5642.60	19880.84	9640	9200	3.00	.10	28.00	35.00	103.00
5682.41	19877.35	9680	9200	3.00	.05	31.00	24.00	134.00
5722.21	19873.86	9720	9200	3.00	.10	43.00	34.00	105.00
5762.01	19870.37	9760	9200	3.00	.05	15.00	22.00	104.00
5801.82	19866.88	9800	9200	3.00	.10	19.00	26.00	97.00
5841.62	19863.39	9840	9200	3.00	.05	16.00	22.00	91.00
5881.42	19859.90	9880	9200	20.00	.10	19.00	25.00	112.00
5921.22	19856.42	9920	9200	5.00	.05	20.00	27.00	102.00
5961.03	19852.93	9960	9200	3.00	.05	17.00	18.00	122.00
5980.93	19851.18	9980	9200	3.00	.05	16.00	19.00	107.00
6000.83	19849.44	10000	9200	45.00	.10	19.00	25.00	131.00
3306.86	19962.98	7320	9220	5.00	.05	85.00	26.00	123.00
3326.96	19961.82	7340	9220	5.00	.05	61.00	24.00	124.00
3347.05	19960.66	7360	9220	3.00	.05	37.00	24.00	116.00
5980.93	19871.18	9980	9220	5.00	.10	24.00	21.00	105.00
6000.83	19869.44	10000	9220	3.00	.10	28.00	22.00	80.00
6020.73	19868.60	10020	9220	15.00	.10	31.00	29.00	97.00
3473.06	20077.47	7480	9380	10.00	.10	36.00	27.00	240.00
3493.14	20077.11	7500	9380	25.00	.05	23.00	56.00	160.00
3513.21	20076.75	7520	9380	5.00	.10	37.00	21.00	133.00
3533.28	20076.38	7540	9380	30.00	.10	34.00	23.00	148.00
3754.08	20072.40	7760	9380	10.00	.05	26.00	20.00	210.00
3934.74	20069.15	7940	9380	5.00	.10	33.00	27.00	74.00
3954.81	20068.79	7960	9380	5.00	.10	29.00	25.00	110.00
3974.89	20068.43	7980	9380	5.00	.10	16.00	26.00	154.00

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
5467.16	20038.73	9460	9380	5.00	.20	25.00	71.00	178.00
5487.10	20037.96	9480	9380	15.00	.20	17.00	26.00	154.00
5507.05	20037.19	9500	9380	5.00	.10	17.00	54.00	117.00
2991.31	20106.15	7000	9400	5.00	.05	17.00	27.00	125.00
3031.46	20105.43	7040	9400	10.00	.05	32.00	37.00	105.00
3071.60	20104.70	7080	9400	5.00	.05	35.00	32.00	105.00
3111.75	20103.98	7120	9400	10.00	.05	28.00	20.00	94.00
3151.89	20103.26	7160	9400	5.00	.05	21.00	18.00	104.00
3192.04	20102.53	7200	9400	5.00	.05	29.00	21.00	106.00
3232.19	20101.81	7240	9400	10.00	.05	27.00	21.00	235.00
3272.33	20101.09	7280	9400	20.00	.05	74.00	27.00	115.00
3312.48	20100.36	7320	9400	5.00	.05	94.00	30.00	140.00
3352.62	20099.64	7360	9400	25.00	.05	68.00	35.00	123.00
3392.77	20098.92	7400	9400	10.00	.05	97.00	27.00	143.00
3432.92	20098.19	7440	9400	10.00	.05	71.00	29.00	98.00
3473.06	20097.47	7480	9400	5.00	.05	68.00	52.00	291.00
3493.14	20097.11	7500	9400	55.00	.20	21.00	19.00	151.00
3513.21	20096.75	7520	9400	70.00	.05	22.00	23.00	278.00
3533.28	20096.38	7540	9400	10.00	.10	23.00	28.00	234.00
3553.35	20096.02	7560	9400	10.00	.05	17.00	36.00	225.00
3593.50	20095.30	7600	9400	10.00	.05	25.00	31.00	186.00
3633.65	20094.58	7640	9400	15.00	.05	19.00	35.00	196.00
3673.79	20093.85	7680	9400	10.00	.05	21.00	24.00	173.00
3713.94	20093.13	7720	9400	15.00	.05	14.00	43.00	262.00
3754.08	20092.40	7760	9400	10.00	.05	33.00	32.00	114.00
3794.23	20091.68	7800	9400	5.00	.05	42.00	33.00	116.00
3834.38	20090.96	7840	9400	10.00	.05	51.00	36.00	142.00
3874.52	20090.23	7880	9400	5.00	.05	22.00	27.00	165.00
3914.67	20089.51	7920	9400	10.00	.05	17.00	25.00	121.00
3934.74	20089.15	7940	9400	5.00	.20	16.00	22.00	73.00
3954.81	20088.79	7960	9400	30.00	.05	19.00	29.00	141.00
3974.89	20088.43	7980	9400	5.00	.10	17.00	27.00	149.00
3994.96	20088.06	8000	9400	10.00	.05	19.00	34.00	110.00
4035.11	20087.34	8040	9400	10.00	.05	22.00	33.00	162.00
4075.25	20086.62	8080	9400	5.00	.10	19.00	22.00	79.00
4115.40	20085.89	8120	9400	10.00	.10	20.00	21.00	72.00
4155.54	20085.17	8160	9400	10.00	.10	17.00	23.00	99.00
4195.69	20084.45	8200	9400	5.00	.10	18.00	27.00	96.00
4235.84	20083.72	8240	9400	10.00	.10	19.00	26.00	97.00
4275.98	20083.00	8280	9400	5.00	.10	11.00	22.00	121.00
4316.13	20082.28	8320	9400	5.00	.10	16.00	23.00	96.00
4356.27	20081.55	8360	9400	5.00	.20	31.00	29.00	87.00
4396.42	20080.83	8400	9400	10.00	.20	9.00	17.00	58.00
4439.32	20079.80	8440	9400	3.00	.05	12.00	19.00	61.00
4482.22	20078.77	8480	9400	5.00	.10	7.00	14.00	68.00
4525.12	20077.75	8520	9400	5.00	.10	17.00	18.00	76.00
4568.02	20076.72	8560	9400	10.00	.05	10.00	13.00	69.00
4610.92	20075.69	8600	9400	3.00	.10	29.00	18.00	372.00
4653.81	20074.66	8640	9400	10.00	.10	13.00	19.00	76.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
4696.71	20073.63	8680	9400	3.00	.10	14.00	19.00	85.00
4739.61	20072.60	8720	9400	5.00	.10	15.00	18.00	51.00
4782.51	20071.58	8760	9400	15.00	.10	17.00	22.00	87.00
4825.41	20070.55	8800	9400	20.00	.20	16.00	17.00	94.00
4868.31	20069.52	8840	9400	20.00	.10	33.00	23.00	99.00
5048.35	20074.94	9040	9400	10.00	.05	34.00	45.00	82.00
5088.24	20073.40	9080	9400	10.00	.05	25.00	31.00	76.00
5128.12	20071.85	9120	9400	10.00	.05	18.00	20.00	84.00
5168.01	20070.31	9160	9400	10.00	.05	22.00	25.00	83.00
5207.90	20068.77	9200	9400	5.00	.05	20.00	32.00	144.00
5247.78	20067.22	9240	9400	10.00	.05	38.00	50.00	137.00
5287.67	20065.68	9280	9400	5.00	.05	33.00	54.00	125.00
5327.56	20064.14	9320	9400	5.00	.05	30.00	41.00	150.00
5367.44	20062.59	9360	9400	5.00	.05	22.00	33.00	134.00
5407.33	20061.05	9400	9400	10.00	.05	29.00	33.00	86.00
5447.22	20059.51	9440	9400	10.00	.20	15.00	60.00	201.00
5467.16	20058.73	9460	9400	5.00	.10	14.00	48.00	187.00
5487.10	20057.96	9480	9400	35.00	.20	71.00	73.00	190.00
5507.05	20057.19	9500	9400	5.00	.10	22.00	30.00	155.00
5526.99	20056.42	9520	9400	5.00	.05	46.00	29.00	94.00
5566.88	20054.88	9560	9400	5.00	.05	31.00	36.00	117.00
5606.76	20053.33	9600	9400	5.00	.05	20.00	23.00	104.00
5646.65	20051.79	9640	9400	3.00	.05	23.00	22.00	99.00
5686.54	20050.25	9680	9400	3.00	.05	14.00	18.00	105.00
5726.42	20048.70	9720	9400	3.00	.05	17.00	22.00	113.00
5766.31	20047.16	9760	9400	3.00	.05	11.00	16.00	101.00
5806.20	20045.62	9800	9400	3.00	.05	15.00	26.00	112.00
5846.08	20044.07	9840	9400	5.00	.05	17.00	23.00	104.00
5885.97	20042.53	9880	9400	3.00	.05	13.00	22.00	115.00
5925.86	20040.99	9920	9400	3.00	.05	10.00	22.00	124.00
5965.74	20039.44	9960	9400	3.00	.05	13.00	18.00	113.00
6005.63	20037.90	10000	9400	3.00	.05	15.00	20.00	117.00
3473.06	20117.47	7480	9420	5.00	.10	21.00	52.00	172.00
3493.14	20117.11	7500	9420	5.00	.05	19.00	28.00	303.00
3513.21	20116.75	7520	9420	10.00	.10	35.00	47.00	188.00
3533.28	20116.38	7540	9420	10.00	.05	15.00	54.00	306.00
3553.35	20116.02	7560	9420	5.00	.10	20.00	33.00	234.00
3934.74	20109.15	7940	9420	5.00	.10	20.00	26.00	230.00
3954.81	20108.79	7960	9420	10.00	.10	26.00	28.00	146.00
3974.89	20108.43	7980	9420	5.00	.05	20.00	29.00	161.00
5467.16	20078.73	9460	9420	10.00	.05	21.00	24.00	119.00
5487.10	20077.96	9480	9420	15.00	.10	22.00	80.00	169.00
5507.05	20077.19	9500	9420	10.00	.10	12.00	26.00	155.00
3062.06	20329.23	7000	9600	5.00	.05	19.00	23.00	103.00
3100.37	20327.91	7040	9600	15.00	.05	39.00	32.00	104.00
3138.68	20326.60	7080	9600	3.00	.05	30.00	28.00	113.00
3176.99	20325.28	7120	9600	5.00	.05	32.00	29.00	157.00
3215.30	20323.97	7160	9600	5.00	.05	67.00	35.00	146.00
3253.62	20322.65	7200	9600	5.00	.05	55.00	32.00	285.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3291.93	20321.34	7240	9600	3.00	.05	79.00	26.00	137.00
3330.24	20320.02	7280	9600	3.00	.05	43.00	23.00	117.00
3368.55	20318.71	7320	9600	3.00	.05	34.00	25.00	166.00
3406.86	20317.39	7360	9600	10.00	.05	79.00	27.00	119.00
3445.17	20316.08	7400	9600	5.00	.05	34.00	33.00	154.00
3483.48	20314.76	7440	9600	3.00	.05	29.00	33.00	168.00
3521.79	20313.45	7480	9600	3.00	.05	26.00	39.00	160.00
3560.10	20312.13	7520	9600	5.00	.05	15.00	26.00	171.00
3598.42	20310.81	7560	9600	3.00	.05	21.00	30.00	133.00
3636.73	20309.50	7600	9600	3.00	.05	15.00	32.00	165.00
3675.04	20308.18	7640	9600	3.00	.05	13.00	29.00	234.00
3713.35	20306.87	7680	9600	3.00	.05	29.00	47.00	127.00
3751.66	20305.55	7720	9600	3.00	.05	11.00	30.00	118.00
3789.97	20304.24	7760	9600	3.00	.05	20.00	30.00	129.00
3828.28	20302.92	7800	9600	3.00	.05	24.00	34.00	119.00
3866.59	20301.61	7840	9600	3.00	.05	15.00	24.00	87.00
3904.91	20300.29	7880	9600	3.00	.05	17.00	24.00	169.00
3943.22	20298.97	7920	9600	3.00	.05	11.00	22.00	164.00
3981.53	20297.66	7960	9600	3.00	.05	14.00	22.00	92.00
4019.84	20296.34	8000	9600	5.00	.05	11.00	21.00	85.00
4058.15	20295.03	8040	9600	3.00	.05	7.00	15.00	108.00
4096.46	20293.71	8080	9600	5.00	.05	11.00	21.00	101.00
4134.77	20292.40	8120	9600	3.00	.05	15.00	22.00	108.00
4173.08	20291.08	8160	9600	10.00	.05	11.00	20.00	110.00
4211.39	20289.77	8200	9600	10.00	.05	8.00	15.00	93.00
4249.71	20288.45	8240	9600	15.00	.05	13.00	22.00	111.00
4288.02	20287.14	8280	9600	20.00	.05	27.00	25.00	74.00
4326.33	20285.82	8320	9600	15.00	.05	11.00	22.00	92.00
4364.64	20284.51	8360	9600	15.00	.05	16.00	26.00	104.00
4402.95	20283.19	8400	9600	20.00	.05	19.00	24.00	89.00
4449.82	20282.20	8440	9600	15.00	.05	11.00	23.00	95.00
4496.70	20281.20	8480	9600	15.00	.05	10.00	18.00	72.00
4543.57	20280.21	8520	9600	10.00	.05	11.00	22.00	89.00
4590.45	20279.22	8560	9600	3.00	.05	10.00	20.00	106.00
4637.32	20278.22	8600	9600	5.00	.05	24.00	28.00	92.00
4684.19	20277.23	8640	9600	3.00	.05	22.00	26.00	96.00
4731.07	20276.24	8680	9600	5.00	.05	18.00	20.00	118.00
4777.94	20275.25	8720	9600	5.00	.05	23.00	20.00	94.00
4824.82	20274.25	8760	9600	3.00	.05	11.00	21.00	98.00
4871.69	20273.26	8800	9600	10.00	.05	44.00	32.00	142.00
5132.11	20307.12	9120	9600	5.00	.05	16.00	15.00	77.00
5172.08	20303.99	9160	9600	3.00	.05	18.00	14.00	89.00
5212.05	20300.87	9200	9600	3.00	.05	25.00	18.00	91.00
5252.02	20297.75	9240	9600	3.00	.05	24.00	44.00	117.00
5291.99	20294.62	9280	9600	3.00	.05	19.00	19.00	107.00
5331.96	20291.50	9320	9600	3.00	.05	14.00	15.00	122.00
5371.93	20288.37	9360	9600	3.00	.05	43.00	18.00	84.00
5411.90	20285.25	9400	9600	5.00	.05	13.00	11.00	92.00
5451.87	20282.12	9440	9600	3.00	.05	31.00	22.00	74.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
5491.84	20279.00	9480	9600	5.00	.05	18.00	13.00	96.00
5531.81	20275.88	9520	9600	3.00	.05	20.00	13.00	105.00
5571.79	20272.75	9560	9600	3.00	.05	25.00	15.00	60.00
5611.76	20269.63	9600	9600	3.00	.05	21.00	20.00	82.00
5651.73	20266.50	9640	9600	3.00	.05	16.00	17.00	131.00
5691.70	20263.38	9680	9600	3.00	.05	14.00	26.00	93.00
5731.67	20260.25	9720	9600	3.00	.05	12.00	18.00	100.00
5771.64	20257.13	9760	9600	3.00	.05	16.00	17.00	98.00
5811.61	20254.00	9800	9600	3.00	.05	12.00	15.00	89.00
5851.58	20250.88	9840	9600	20.00	.05	14.00	16.00	74.00
5891.55	20247.75	9880	9600	10.00	.05	21.00	26.00	74.00
5931.52	20244.63	9920	9600	10.00	.05	13.00	20.00	83.00
5971.49	20241.51	9960	9600	3.00	.05	14.00	18.00	92.00
6011.46	20238.38	10000	9600	5.00	.05	23.00	25.00	81.00
4154.77	20397.40	8140	9700	10.00	.05	13.00	16.00	123.00
4173.08	20396.08	8160	9700	5.00	.05	14.00	17.00	90.00
4191.39	20394.77	8180	9700	10.00	.05	11.00	28.00	99.00
3001.50	20524.82	6980	9780	10.00	.40	97.00	68.00	305.00
3021.31	20523.97	7000	9780	5.00	.30	48.00	46.00	412.00
3041.12	20523.12	7020	9780	5.00	.10	67.00	29.00	429.00
3516.61	20502.67	7500	9780	3.00	.05	15.00	15.00	95.00
3536.43	20501.82	7520	9780	25.00	.10	18.00	19.00	78.00
3556.24	20500.97	7540	9780	30.00	.05	13.00	16.00	94.00
4150.79	20476.27	8140	9780	30.00	.05	12.00	20.00	69.00
4170.41	20474.56	8160	9780	20.00	.05	9.00	16.00	72.00
4190.04	20472.86	8180	9780	15.00	.05	14.00	22.00	125.00
4737.99	20455.71	8700	9780	5.00	.05	13.00	22.00	69.00
4759.98	20455.13	8720	9780	10.00	.05	9.00	12.00	115.00
4781.97	20454.56	8740	9780	15.00	.05	30.00	22.00	69.00
5757.07	20441.71	9740	9780	10.00	.05	10.00	15.00	69.00
5776.99	20439.96	9760	9780	10.00	.05	15.00	23.00	59.00
5796.91	20438.20	9780	9780	15.00	.10	28.00	34.00	70.00
3001.50	20544.82	6980	9800	15.00	.10	61.00	29.00	321.00
3021.31	20543.97	7000	9800	20.00	.30	118.00	35.00	302.00
3041.12	20543.12	7020	9800	5.00	.20	126.00	36.00	263.00
3060.93	20542.27	7040	9800	10.00	.05	54.00	28.00	172.00
3100.56	20540.56	7080	9800	5.00	.05	28.00	19.00	164.00
3140.18	20538.86	7120	9800	5.00	.05	16.00	15.00	159.00
3179.81	20537.16	7160	9800	5.00	.05	23.00	24.00	106.00
3219.43	20535.45	7200	9800	5.00	.05	27.00	25.00	104.00
3259.06	20533.75	7240	9800	3.00	.05	14.00	18.00	176.00
3298.68	20532.04	7280	9800	5.00	.05	11.00	17.00	226.00
3338.30	20530.34	7320	9800	5.00	.05	14.00	18.00	134.00
3377.93	20528.64	7360	9800	3.00	.05	8.00	15.00	76.00
3417.55	20526.93	7400	9800	5.00	.05	12.00	14.00	77.00
3457.18	20525.23	7440	9800	5.00	.05	10.00	12.00	72.00
3496.80	20523.53	7480	9800	5.00	.05	11.00	15.00	75.00
3516.61	20522.67	7500	9800	5.00	.05	16.00	14.00	62.00
3536.43	20521.82	7520	9800	80.00	.05	15.00	13.00	110.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3556.24	20520.97	7540	9800	5.00	.50	15.00	18.00	128.00
3576.05	20520.12	7560	9800	10.00	.05	18.00	15.00	88.00
3615.67	20518.41	7600	9800	15.00	.05	13.00	14.00	97.00
3655.30	20516.71	7640	9800	25.00	.05	16.00	15.00	91.00
3694.92	20515.01	7680	9800	20.00	.05	10.00	10.00	98.00
3734.55	20513.30	7720	9800	15.00	.05	9.00	10.00	67.00
3774.17	20511.60	7760	9800	10.00	.05	11.00	12.00	76.00
3813.80	20509.90	7800	9800	15.00	.05	10.00	21.00	59.00
3853.42	20508.19	7840	9800	3.00	.05	17.00	19.00	107.00
3893.04	20506.49	7880	9800	5.00	.05	18.00	17.00	124.00
3932.67	20504.79	7920	9800	5.00	.05	18.00	20.00	70.00
3972.29	20503.08	7960	9800	15.00	.05	10.00	19.00	92.00
4011.92	20501.38	8000	9800	3.00	.05	10.00	15.00	87.00
4051.54	20499.67	8040	9800	10.00	.05	16.00	21.00	70.00
4091.17	20497.97	8080	9800	20.00	.05	10.00	19.00	108.00
4130.79	20496.27	8120	9800	15.00	.05	23.00	18.00	96.00
4170.41	20494.56	8160	9800	30.00	.05	17.00	19.00	94.00
4210.04	20492.86	8200	9800	10.00	.05	16.00	42.00	179.00
4249.66	20491.15	8240	9800	10.00	.05	20.00	26.00	475.00
4289.29	20489.45	8280	9800	10.00	.05	10.00	19.00	126.00
4328.91	20487.75	8320	9800	5.00	.05	16.00	24.00	123.00
4368.54	20486.04	8360	9800	10.00	.05	13.00	20.00	136.00
4408.16	20484.34	8400	9800	5.00	.05	22.00	21.00	105.00
4452.14	20483.19	8440	9800	10.00	.05	18.00	21.00	82.00
4496.12	20482.04	8480	9800	5.00	.05	19.00	21.00	73.00
4540.09	20480.89	8520	9800	5.00	.05	25.00	29.00	106.00
4584.07	20479.74	8560	9800	3.00	.05	14.00	23.00	92.00
4628.05	20478.59	8600	9800	5.00	.05	17.00	20.00	96.00
4672.03	20477.43	8640	9800	3.00	.05	13.00	19.00	72.00
4716.00	20476.28	8680	9800	3.00	.05	15.00	22.00	97.00
4737.99	20475.71	8700	9800	5.00	.05	11.00	11.00	82.00
4759.98	20475.13	8720	9800	25.00	.05	18.00	20.00	99.00
4781.97	20474.56	8740	9800	5.00	.05	22.00	21.00	51.00
4803.96	20473.98	8760	9800	5.00	.05	23.00	22.00	75.00
4891.91	20471.68	8840	9800	15.00	.05	38.00	35.00	85.00
4935.89	20470.53	8880	9800	3.00	.05	41.00	24.00	82.00
5179.41	20512.57	9160	9800	15.00	.05	38.00	40.00	98.00
5219.25	20509.06	9200	9800	10.00	.05	11.00	16.00	78.00
5259.09	20505.55	9240	9800	10.00	.05	11.00	19.00	75.00
5298.93	20502.05	9280	9800	10.00	.05	32.00	17.00	76.00
5338.76	20498.54	9320	9800	5.00	.05	60.00	20.00	77.00
5378.60	20495.03	9360	9800	5.00	.05	15.00	18.00	129.00
5418.44	20491.53	9400	9800	5.00	.05	17.00	19.00	123.00
5458.28	20488.02	9440	9800	5.00	.05	24.00	18.00	110.00
5498.12	20484.51	9480	9800	10.00	.05	17.00	26.00	159.00
5537.96	20481.00	9520	9800	10.00	.05	14.00	20.00	80.00
5577.80	20477.49	9560	9800	10.00	.05	15.00	21.00	94.00
5617.63	20473.99	9600	9800	5.00	.05	14.00	16.00	72.00
5657.47	20470.48	9640	9800	5.00	.05	13.00	20.00	81.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
5697.31	20466.97	9680	9800	5.00	.05	21.00	29.00	82.00
5737.15	20463.46	9720	9800	10.00	.05	15.00	26.00	106.00
5757.07	20461.71	9740	9800	10.00	.10	19.00	31.00	72.00
5776.99	20459.96	9760	9800	30.00	.05	10.00	19.00	70.00
5796.91	20458.20	9780	9800	10.00	.10	11.00	20.00	85.00
5816.83	20456.45	9800	9800	5.00	.05	13.00	18.00	78.00
5856.67	20452.94	9840	9800	5.00	.05	15.00	19.00	88.00
5896.50	20449.43	9880	9800	5.00	.05	13.00	21.00	96.00
5936.34	20445.93	9920	9800	5.00	.05	13.00	22.00	68.00
5976.18	20442.42	9960	9800	10.00	.05	17.00	17.00	80.00
6016.02	20438.91	10000	9800	5.00	.05	12.00	17.00	105.00
3001.50	20564.82	6980	9820	5.00	.10	44.00	28.00	252.00
3021.31	20563.97	7000	9820	5.00	.05	133.00	54.00	412.00
3041.12	20563.12	7020	9820	5.00	.20	51.00	26.00	389.00
3516.61	20542.67	7500	9820	5.00	.10	15.00	16.00	96.00
3536.43	20541.82	7520	9820	5.00	.10	9.00	15.00	97.00
3556.24	20540.97	7540	9820	5.00	.10	12.00	16.00	110.00
4150.79	20516.27	8140	9820	5.00	.05	9.00	17.00	109.00
4170.41	20514.56	8160	9820	10.00	.05	13.00	22.00	182.00
4190.04	20512.86	8180	9820	45.00	.10	16.00	43.00	227.00
4737.99	20495.71	8700	9820	10.00	.05	12.00	16.00	86.00
4759.98	20495.13	8720	9820	5.00	.05	14.00	15.00	68.00
4781.97	20494.56	8740	9820	20.00	.05	17.00	17.00	62.00
5757.07	20481.71	9740	9820	10.00	.05	11.00	26.00	110.00
5776.99	20479.96	9760	9820	10.00	.10	12.00	18.00	80.00
5796.91	20478.20	9780	9820	5.00	.10	13.00	17.00	74.00
5404.93	20646.87	9400	9980	5.00	.10	19.00	43.00	56.00
5425.45	20645.96	9420	9980	5.00	.05	12.00	22.00	96.00
5445.97	20645.04	9440	9980	10.00	.10	13.00	42.00	95.00
3010.44	20778.67	7000	10000	5.00	.30	12.00	18.00	142.00
3050.45	20775.92	7040	10000	3.00	.20	16.00	20.00	112.00
3090.46	20773.17	7080	10000	3.00	.10	9.00	19.00	96.00
3130.46	20770.42	7120	10000	3.00	.05	12.00	20.00	118.00
3170.47	20767.67	7160	10000	5.00	.20	27.00	17.00	121.00
3210.48	20764.92	7200	10000	5.00	.05	20.00	16.00	87.00
3250.49	20762.16	7240	10000	5.00	.05	23.00	18.00	89.00
3290.50	20759.41	7280	10000	3.00	.05	11.00	14.00	75.00
3330.51	20756.66	7320	10000	5.00	.05	13.00	19.00	77.00
3370.51	20753.91	7360	10000	5.00	.05	11.00	19.00	95.00
3410.52	20751.16	7400	10000	10.00	.05	9.00	13.00	79.00
3450.53	20748.41	7440	10000	5.00	.05	12.00	18.00	94.00
3490.54	20745.66	7480	10000	5.00	.05	10.00	16.00	85.00
3530.55	20742.91	7520	10000	3.00	.05	12.00	16.00	72.00
3570.56	20740.16	7560	10000	5.00	.05	15.00	18.00	89.00
3610.56	20737.41	7600	10000	5.00	.05	15.00	19.00	66.00
3650.57	20734.66	7640	10000	3.00	.05	10.00	17.00	78.00
3690.58	20731.91	7680	10000	3.00	.05	11.00	15.00	66.00
3730.59	20729.15	7720	10000	5.00	.05	11.00	13.00	92.00
3770.60	20726.40	7760	10000	3.00	.05	10.00	13.00	83.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3810.61	20723.65	7800	10000	3.00	.05	14.00	15.00	87.00
3850.61	20720.90	7840	10000	3.00	.05	14.00	17.00	76.00
3890.62	20718.15	7880	10000	5.00	.05	11.00	14.00	70.00
3930.63	20715.40	7920	10000	5.00	.05	13.00	19.00	67.00
3970.64	20712.65	7960	10000	3.00	.05	14.00	17.00	79.00
4010.65	20709.90	8000	10000	3.00	.05	8.00	7.00	67.00
4050.66	20707.15	8040	10000	3.00	.05	9.00	12.00	90.00
4090.66	20704.40	8080	10000	3.00	.05	11.00	25.00	64.00
4130.67	20701.65	8120	10000	15.00	.05	15.00	16.00	62.00
4170.68	20698.90	8160	10000	5.00	.05	14.00	12.00	107.00
4210.69	20696.14	8200	10000	3.00	.05	14.00	14.00	138.00
4250.70	20693.39	8240	10000	3.00	.05	14.00	12.00	137.00
4290.71	20690.64	8280	10000	3.00	.05	9.00	10.00	68.00
4330.71	20687.89	8320	10000	3.00	.05	16.00	15.00	130.00
4370.72	20685.14	8360	10000	3.00	.05	15.00	13.00	86.00
4410.73	20682.39	8400	10000	5.00	.05	10.00	18.00	103.00
4450.29	20681.43	8440	10000	5.00	.05	11.00	16.00	99.00
4489.84	20680.47	8480	10000	5.00	.05	16.00	17.00	146.00
4529.40	20679.52	8520	10000	3.00	.05	19.00	18.00	90.00
4568.96	20678.56	8560	10000	5.00	.05	23.00	16.00	64.00
4608.52	20677.60	8600	10000	5.00	.05	11.00	15.00	72.00
4648.07	20676.64	8640	10000	5.00	.05	12.00	18.00	69.00
4687.63	20675.69	8680	10000	10.00	.05	13.00	17.00	98.00
4727.19	20674.73	8720	10000	3.00	.05	17.00	15.00	113.00
4766.74	20673.77	8760	10000	10.00	.05	12.00	14.00	79.00
4806.30	20672.81	8800	10000	10.00	.05	32.00	20.00	72.00
4845.86	20671.85	8840	10000	20.00	.05	44.00	25.00	84.00
4885.42	20670.90	8880	10000	10.00	.05	5.00	1.00	63.00
4924.97	20669.94	8920	10000	15.00	.05	45.00	33.00	82.00
4964.53	20668.98	8960	10000	10.00	.05	35.00	25.00	80.00
5281.80	20672.36	9280	10000	10.00	.05	12.00	12.00	79.00
5322.84	20670.53	9320	10000	3.00	.05	10.00	11.00	76.00
5363.89	20668.70	9360	10000	3.00	.05	13.00	16.00	99.00
5404.93	20666.87	9400	10000	3.00	.30	12.00	111.00	129.00
5425.45	20665.96	9420	10000	10.00	.05	30.00	72.00	108.00
5445.97	20665.04	9440	10000	5.00	.30	15.00	118.00	125.00
5487.01	20663.21	9480	10000	3.00	.05	14.00	24.00	98.00
5528.06	20661.39	9520	10000	5.00	.20	17.00	21.00	139.00
5569.10	20659.56	9560	10000	3.00	.05	23.00	26.00	96.00
5610.14	20657.73	9600	10000	5.00	.05	16.00	22.00	113.00
5651.18	20655.90	9640	10000	3.00	.05	15.00	19.00	97.00
5692.23	20654.07	9680	10000	3.00	.05	17.00	16.00	104.00
5733.27	20652.24	9720	10000	3.00	.05	24.00	21.00	88.00
5774.31	20650.41	9760	10000	3.00	.05	15.00	20.00	96.00
5815.36	20648.58	9800	10000	3.00	.05	24.00	20.00	63.00
5856.40	20646.76	9840	10000	3.00	.05	11.00	17.00	95.00
5897.44	20644.93	9880	10000	3.00	.05	12.00	18.00	107.00
5938.48	20643.10	9920	10000	10.00	.20	13.00	16.00	130.00
5979.53	20641.27	9960	10000	5.00	.10	16.00	19.00	121.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6020.57	20639.44	10000	10000	5.00	.05	13.00	16.00	95.00
5404.93	20686.87	9400	10020	5.00	.10	11.00	27.00	80.00
5425.45	20685.96	9420	10020	5.00	.10	10.00	129.00	100.00
5445.97	20685.04	9440	10020	10.00	.05	8.00	38.00	80.00
3066.36	20955.89	7000	10200	3.00	.10	10.00	12.00	92.00
3104.89	20953.88	7040	10200	10.00	.05	10.00	15.00	102.00
3143.41	20951.87	7080	10200	5.00	.10	16.00	16.00	113.00
3181.93	20949.86	7120	10200	5.00	.05	9.00	12.00	104.00
3220.46	20947.84	7160	10200	5.00	.05	10.00	17.00	107.00
3258.98	20945.83	7200	10200	10.00	.10	5.00	10.00	80.00
3297.51	20943.82	7240	10200	3.00	.05	10.00	9.00	74.00
3336.03	20941.81	7280	10200	10.00	.05	8.00	8.00	150.00
3374.56	20939.80	7320	10200	15.00	.05	9.00	12.00	123.00
3413.08	20937.79	7360	10200	10.00	.05	16.00	19.00	111.00
3451.61	20935.77	7400	10200	15.00	.05	8.00	16.00	95.00
3490.13	20933.76	7440	10200	3.00	.05	8.00	12.00	87.00
3528.66	20931.75	7480	10200	10.00	.05	11.00	16.00	126.00
3567.18	20929.74	7520	10200	5.00	.05	10.00	14.00	96.00
3605.71	20927.73	7560	10200	3.00	.05	7.00	9.00	82.00
3644.23	20925.71	7600	10200	15.00	.05	10.00	21.00	107.00
3682.76	20923.70	7640	10200	10.00	.05	12.00	17.00	81.00
3721.28	20921.69	7680	10200	10.00	.05	10.00	14.00	91.00
3759.81	20919.68	7720	10200	10.00	.05	13.00	14.00	93.00
3798.33	20917.67	7760	10200	10.00	.05	16.00	12.00	127.00
3836.86	20915.66	7800	10200	3.00	.05	11.00	18.00	102.00
3875.38	20913.64	7840	10200	15.00	.05	11.00	22.00	101.00
3913.91	20911.63	7880	10200	10.00	.05	14.00	24.00	134.00
3952.43	20909.62	7920	10200	10.00	.05	9.00	19.00	68.00
3990.96	20907.61	7960	10200	5.00	.05	11.00	17.00	98.00
4029.48	20905.60	8000	10200	3.00	.05	9.00	15.00	104.00
4068.01	20903.59	8040	10200	5.00	.05	14.00	21.00	107.00
4106.53	20901.57	8080	10200	5.00	.05	14.00	25.00	112.00
4145.06	20899.56	8120	10200	5.00	.10	12.00	19.00	70.00
4183.58	20897.55	8160	10200	3.00	.10	10.00	13.00	81.00
4222.11	20895.54	8200	10200	10.00	.05	12.00	11.00	57.00
4260.63	20893.53	8240	10200	15.00	.10	7.00	9.00	95.00
4299.16	20891.52	8280	10200	20.00	.20	13.00	12.00	88.00
4337.68	20889.50	8320	10200	5.00	.10	13.00	13.00	73.00
4376.21	20887.49	8360	10200	10.00	.10	10.00	10.00	75.00
4414.73	20885.48	8400	10200	3.00	.10	12.00	8.00	88.00
4455.19	20884.49	8440	10200	5.00	.10	14.00	16.00	86.00
4495.66	20883.50	8480	10200	10.00	.10	18.00	17.00	99.00
4536.12	20882.51	8520	10200	10.00	.05	13.00	15.00	247.00
4576.59	20881.53	8560	10200	5.00	.10	15.00	17.00	119.00
4617.05	20880.54	8600	10200	5.00	.10	22.00	23.00	111.00
4657.52	20879.55	8640	10200	3.00	.10	15.00	19.00	110.00
4697.98	20878.56	8680	10200	5.00	.10	15.00	17.00	84.00
4738.45	20877.57	8720	10200	5.00	.05	16.00	15.00	105.00
4778.91	20876.58	8760	10200	5.00	.05	15.00	16.00	90.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
4819.38	20875.59	8800	10200	3.00	.05	13.00	17.00	94.00
4859.84	20874.61	8840	10200	3.00	.10	25.00	25.00	71.00
4900.30	20873.62	8880	10200	3.00	.10	17.00	18.00	76.00
4940.77	20872.63	8920	10200	3.00	.10	25.00	21.00	69.00
4981.23	20871.64	8960	10200	3.00	.10	11.00	16.00	148.00
5021.70	20870.65	9000	10200	10.00	.10	19.00	14.00	149.00
5062.16	20869.66	9040	10200	10.00	.10	29.00	19.00	64.00
5102.63	20868.67	9080	10200	10.00	.20	28.00	19.00	61.00
5122.06	20894.99	9120	10200	5.00	.10	16.00	16.00	53.00
5163.14	20892.58	9160	10200	5.00	.05	28.00	19.00	53.00
5204.22	20890.16	9200	10200	10.00	.10	56.00	55.00	95.00
5245.30	20887.74	9240	10200	15.00	.05	7.00	14.00	62.00
5286.38	20885.33	9280	10200	5.00	.05	7.00	12.00	59.00
5327.46	20882.91	9320	10200	15.00	.10	19.00	17.00	70.00
5368.54	20880.50	9360	10200	5.00	.05	8.00	13.00	87.00
5409.62	20878.08	9400	10200	5.00	.10	21.00	19.00	77.00
5450.70	20875.67	9440	10200	5.00	.05	15.00	16.00	51.00
5491.78	20873.25	9480	10200	10.00	.10	16.00	14.00	73.00
5532.86	20870.84	9520	10200	10.00	.10	8.00	17.00	66.00
5573.94	20868.42	9560	10200	5.00	.10	10.00	18.00	98.00
5615.02	20866.01	9600	10200	10.00	.10	12.00	17.00	111.00
5656.10	20863.59	9640	10200	10.00	.10	9.00	16.00	63.00
5697.18	20861.17	9680	10200	10.00	.10	12.00	17.00	73.00
5738.26	20858.76	9720	10200	10.00	.10	10.00	17.00	81.00
5779.34	20856.34	9760	10200	5.00	.10	9.00	18.00	71.00
5820.42	20853.93	9800	10200	3.00	.05	27.00	20.00	95.00
5861.50	20851.51	9840	10200	5.00	.10	12.00	19.00	104.00
5902.58	20849.10	9880	10200	10.00	.10	10.00	15.00	116.00
5943.66	20846.68	9920	10200	5.00	.10	16.00	40.00	129.00
5984.74	20844.27	9960	10200	10.00	.05	14.00	17.00	109.00
6025.82	20841.85	10000	10200	5.00	.05	12.00	20.00	99.00
3640.24	21105.80	7600	10380	5.00	.30	22.00	21.00	85.00
3659.75	21104.80	7620	10380	5.00	.20	13.00	15.00	77.00
3679.26	21103.81	7640	10380	10.00	.20	34.00	25.00	67.00
3932.86	21090.86	7900	10380	10.00	.10	13.00	19.00	105.00
3952.36	21089.87	7920	10380	10.00	.05	14.00	17.00	90.00
3971.87	21088.87	7940	10380	10.00	.05	8.00	15.00	100.00
4166.95	21078.91	8140	10380	5.00	.10	13.00	14.00	70.00
4186.46	21077.91	8160	10380	5.00	.05	14.00	15.00	56.00
4205.96	21076.92	8180	10380	10.00	.10	18.00	19.00	70.00
5969.63	21023.42	9940	10380	5.00	.10	18.00	18.00	80.00
5989.85	21022.01	9960	10380	10.00	.00	11.00	17.00	86.00
6010.06	21020.61	9980	10380	5.00	.10	12.00	16.00	100.00
3055.01	21155.68	7000	10400	20.00	.10	16.00	18.00	58.00
3094.03	21153.69	7040	10400	10.00	.10	19.00	18.00	87.00
3133.04	21151.70	7080	10400	10.00	.10	14.00	17.00	71.00
3172.06	21149.70	7120	10400	10.00	.20	14.00	19.00	72.00
3211.07	21147.71	7160	10400	10.00	.10	24.00	23.00	84.00
3250.09	21145.72	7200	10400	15.00	.20	27.00	26.00	113.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3289.10	21143.73	7240	10400	5.00	.10	20.00	25.00	99.00
3328.12	21141.74	7280	10400	15.00	.10	20.00	23.00	87.00
3367.13	21139.74	7320	10400	20.00	.10	21.00	24.00	76.00
3386.64	21138.75	7340	10400	10.00	.20	32.00	25.00	79.00
3406.15	21137.75	7360	10400	15.00	.60	62.00	47.00	145.00
3445.16	21135.76	7400	10400	3.00	.10	17.00	23.00	82.00
3484.18	21133.77	7440	10400	3.00	.30	18.00	22.00	68.00
3523.20	21131.78	7480	10400	15.00	.20	17.00	23.00	70.00
3562.21	21129.78	7520	10400	3.00	.30	15.00	20.00	78.00
3601.23	21127.79	7560	10400	5.00	.40	76.00	22.00	67.00
3640.24	21125.80	7600	10400	20.00	.30	17.00	19.00	79.00
3659.75	21124.80	7620	10400	5.00	.10	10.00	19.00	58.00
3679.26	21123.81	7640	10400	25.00	.30	43.00	29.00	83.00
3718.27	21121.82	7680	10400	15.00	.20	16.00	13.00	72.00
3757.29	21119.82	7720	10400	5.00	.10	16.00	19.00	80.00
3796.30	21117.83	7760	10400	10.00	.10	16.00	18.00	79.00
3835.32	21115.84	7800	10400	5.00	.10	11.00	17.00	57.00
3874.33	21113.85	7840	10400	10.00	.10	18.00	19.00	44.00
3913.35	21111.86	7880	10400	15.00	.10	11.00	12.00	46.00
3932.86	21110.86	7900	10400	10.00	.20	25.00	24.00	71.00
3952.36	21109.87	7920	10400	55.00	.10	18.00	21.00	85.00
3971.87	21108.87	7940	10400	10.00	.10	11.00	18.00	67.00
3991.38	21107.87	7960	10400	10.00	.05	12.00	16.00	86.00
4030.40	21105.88	8000	10400	15.00	.10	12.00	14.00	88.00
4069.41	21103.89	8040	10400	25.00	.05	10.00	13.00	71.00
4108.43	21101.90	8080	10400	5.00	.05	10.00	10.00	65.00
4147.44	21099.90	8120	10400	20.00	.05	10.00	12.00	64.00
4166.95	21098.91	8140	10400	5.00	.10	20.00	15.00	42.00
4186.46	21097.91	8160	10400	35.00	.10	11.00	10.00	80.00
4205.96	21096.92	8180	10400	5.00	.05	14.00	15.00	56.00
4225.47	21095.92	8200	10400	10.00	.10	11.00	10.00	82.00
4264.49	21093.93	8240	10400	10.00	.10	12.00	9.00	63.00
4303.50	21091.94	8280	10400	15.00	.05	13.00	11.00	68.00
4342.52	21089.95	8320	10400	20.00	.20	18.00	14.00	91.00
4381.53	21087.95	8360	10400	15.00	.10	17.00	13.00	116.00
4420.55	21085.96	8400	10400	3.00	.10	24.00	22.00	131.00
4460.59	21085.27	8440	10400	3.00	.10	22.00	13.00	112.00
4500.63	21084.58	8480	10400	3.00	.10	16.00	17.00	102.00
4540.67	21083.89	8520	10400	3.00	.10	22.00	17.00	111.00
4580.71	21083.20	8560	10400	3.00	.10	20.00	20.00	83.00
4620.75	21082.51	8600	10400	5.00	.10	26.00	19.00	141.00
4660.79	21081.82	8640	10400	15.00	.05	14.00	12.00	125.00
4700.84	21081.13	8680	10400	10.00	.10	20.00	16.00	121.00
4740.88	21080.45	8720	10400	15.00	.20	16.00	12.00	126.00
4780.92	21079.76	8760	10400	20.00	.10	14.00	14.00	106.00
4820.96	21079.07	8800	10400	15.00	.05	9.00	5.00	81.00
4861.00	21078.38	8840	10400	10.00	.05	16.00	9.00	98.00
4901.04	21077.69	8880	10400	5.00	.10	12.00	7.00	92.00
4941.08	21077.00	8920	10400	5.00	.10	13.00	8.00	106.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
4981.12	21076.31	8960	10400	10.00	.10	9.00	5.00	89.00
5021.16	21075.62	9000	10400	5.00	.10	13.00	7.00	82.00
5061.20	21074.93	9040	10400	15.00	.05	12.00	1.00	75.00
5101.24	21074.24	9080	10400	10.00	.05	14.00	4.00	72.00
5141.28	21073.55	9120	10400	20.00	.05	9.00	9.00	80.00
5181.32	21072.86	9160	10400	10.00	.05	30.00	12.00	87.00
5221.65	21095.50	9200	10400	15.00	.10	26.00	11.00	74.00
5262.08	21092.68	9240	10400	20.00	.05	11.00	8.00	63.00
5302.51	21089.87	9280	10400	10.00	.10	33.00	17.00	59.00
5342.95	21087.05	9320	10400	20.00	.05	12.00	7.00	41.00
5383.38	21084.24	9360	10400	5.00	.20	16.00	11.00	99.00
5423.81	21081.42	9400	10400	15.00	.10	7.00	4.00	43.00
5464.24	21078.61	9440	10400	10.00	.10	12.00	9.00	65.00
5504.67	21075.79	9480	10400	3.00	.10	12.00	9.00	63.00
5545.10	21072.98	9520	10400	15.00	.10	9.00	6.00	57.00
5585.53	21070.16	9560	10400	10.00	.10	11.00	6.00	82.00
5625.97	21067.35	9600	10400	10.00	.10	10.00	12.00	69.00
5666.40	21064.53	9640	10400	15.00	.30	18.00	15.00	76.00
5706.83	21061.72	9680	10400	10.00	.20	9.00	13.00	62.00
5747.26	21058.90	9720	10400	15.00	.20	13.00	15.00	79.00
5787.69	21056.09	9760	10400	5.00	.10	11.00	14.00	71.00
5828.12	21053.27	9800	10400	10.00	.10	13.00	18.00	77.00
5868.55	21050.46	9840	10400	10.00	.05	14.00	17.00	88.00
5908.99	21047.64	9880	10400	15.00	.10	10.00	14.00	106.00
5949.42	21044.83	9920	10400	10.00	.10	14.00	16.00	85.00
5969.63	21043.42	9940	10400	10.00	.10	13.00	19.00	109.00
5989.85	21042.01	9960	10400	45.00	.10	7.00	14.00	62.00
6010.06	21040.61	9980	10400	5.00	.10	10.00	19.00	90.00
6030.28	21039.20	10000	10400	15.00	.10	10.00	19.00	86.00
3640.24	21145.80	7600	10420	5.00	.20	11.00	18.00	71.00
3659.75	21144.80	7620	10420	5.00	.10	9.00	14.00	65.00
3679.26	21143.81	7640	10420	10.00	.10	11.00	16.00	80.00
3932.86	21130.86	7900	10420	10.00	.10	24.00	21.00	86.00
3952.36	21129.87	7920	10420	5.00	.10	17.00	18.00	80.00
3971.87	21128.87	7940	10420	5.00	.10	15.00	17.00	65.00
4166.95	21118.91	8140	10420	5.00	.10	11.00	13.00	70.00
4186.46	21117.91	8160	10420	5.00	.10	14.00	14.00	75.00
4205.96	21116.92	8180	10420	5.00	.10	11.00	11.00	65.00
5969.63	21063.42	9940	10420	5.00	.10	9.00	13.00	60.00
5989.85	21062.01	9960	10420	10.00	.05	13.00	16.00	69.00
6010.06	21060.61	9980	10420	10.00	.10	15.00	18.00	81.00
3053.23	21376.74	7000	10600	5.00	.20	14.00	16.00	84.00
3092.47	21374.29	7040	10600	5.00	.10	12.00	13.00	87.00
3131.70	21371.83	7080	10600	5.00	.20	10.00	15.00	100.00
3170.94	21369.38	7120	10600	5.00	.20	18.00	15.00	44.00
3210.18	21366.93	7160	10600	5.00	.10	9.00	14.00	85.00
3249.41	21364.48	7200	10600	10.00	.20	5.00	11.00	53.00
3288.65	21362.02	7240	10600	5.00	.20	26.00	27.00	81.00
3327.89	21359.57	7280	10600	5.00	.10	10.00	13.00	98.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3367.12	21357.12	7320	10600	10.00	.20	23.00	18.00	54.00
3406.36	21354.66	7360	10600	3.00	.20	29.00	17.00	85.00
3445.60	21352.21	7400	10600	10.00	.20	53.00	41.00	101.00
3484.84	21349.76	7440	10600	3.00	.10	12.00	15.00	81.00
3524.07	21347.31	7480	10600	3.00	.10	8.00	12.00	46.00
3563.31	21344.85	7520	10600	10.00	.10	7.00	11.00	39.00
3602.55	21342.40	7560	10600	5.00	.20	14.00	25.00	126.00
3641.78	21339.95	7600	10600	5.00	.10	15.00	22.00	102.00
3681.02	21337.49	7640	10600	20.00	.10	12.00	20.00	68.00
3720.26	21335.04	7680	10600	3.00	.10	32.00	23.00	96.00
3759.49	21332.59	7720	10600	3.00	.10	15.00	19.00	107.00
3798.73	21330.14	7760	10600	3.00	.10	39.00	24.00	106.00
3837.97	21327.68	7800	10600	3.00	.20	37.00	22.00	93.00
3877.20	21325.23	7840	10600	3.00	.20	45.00	23.00	78.00
3916.44	21322.78	7880	10600	10.00	.10	25.00	26.00	89.00
3955.68	21320.32	7920	10600	5.00	.10	17.00	22.00	97.00
3994.91	21317.87	7960	10600	5.00	.05	19.00	23.00	94.00
4034.15	21315.42	8000	10600	3.00	.05	13.00	21.00	76.00
4073.39	21312.97	8040	10600	10.00	.05	13.00	19.00	113.00
4112.63	21310.51	8080	10600	10.00	.05	15.00	21.00	97.00
4151.86	21308.06	8120	10600	5.00	.10	14.00	18.00	73.00
4191.10	21305.61	8160	10600	5.00	.10	15.00	20.00	90.00
4230.34	21303.15	8200	10600	5.00	.10	18.00	20.00	84.00
4269.57	21300.70	8240	10600	5.00	.10	24.00	24.00	78.00
4308.81	21298.25	8280	10600	5.00	.05	11.00	19.00	73.00
4348.05	21295.80	8320	10600	5.00	.05	17.00	21.00	73.00
4387.28	21293.34	8360	10600	3.00	.10	11.00	18.00	82.00
4406.90	21292.12	8380	10600	3.00	.10	16.00	16.00	91.00
4434.82	21352.14	8420	10600	5.00	.30	34.00	21.00	192.00
4475.35	21349.37	8460	10600	3.00	.10	24.00	27.00	83.00
4515.87	21346.61	8500	10600	3.00	.10	27.00	19.00	98.00
4556.40	21343.84	8540	10600	3.00	.20	9.00	17.00	97.00
4596.92	21341.07	8580	10600	5.00	.10	13.00	19.00	127.00
4637.45	21338.31	8620	10600	5.00	.05	12.00	14.00	78.00
4677.97	21335.54	8660	10600	3.00	.05	11.00	15.00	71.00
4718.50	21332.78	8700	10600	3.00	.10	15.00	21.00	129.00
4759.02	21330.01	8740	10600	5.00	.10	20.00	20.00	103.00
4799.55	21327.24	8780	10600	20.00	.10	21.00	17.00	111.00
4840.08	21324.48	8820	10600	5.00	.05	13.00	13.00	116.00
4880.60	21321.71	8860	10600	3.00	.05	15.00	11.00	101.00
4900.86	21320.33	8880	10600	5.00	.05	15.00	10.00	113.00
4941.39	21317.56	8920	10600	3.00	.05	13.00	9.00	115.00
4981.91	21314.80	8960	10600	3.00	.10	13.00	11.00	75.00
5022.44	21312.03	9000	10600	3.00	.10	12.00	11.00	78.00
5062.96	21309.26	9040	10600	5.00	.10	8.00	9.00	85.00
5103.49	21306.50	9080	10600	5.00	.05	7.00	6.00	89.00
5144.01	21303.73	9120	10600	3.00	.10	16.00	13.00	86.00
5184.54	21300.97	9160	10600	3.00	.05	10.00	8.00	81.00
5225.06	21298.20	9200	10600	3.00	.10	15.00	14.00	102.00

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
5265.59	21295.43	9240	10600	3.00	.10	16.00	12.00	65.00
5306.12	21292.67	9280	10600	5.00	.05	14.00	14.00	62.00
5346.64	21289.90	9320	10600	5.00	.05	12.00	11.00	51.00
5387.17	21287.14	9360	10600	5.00	.10	19.00	12.00	63.00
5427.69	21284.37	9400	10600	10.00	.05	22.00	13.00	58.00
5468.22	21281.60	9440	10600	10.00	.05	28.00	16.00	65.00
5508.74	21278.84	9480	10600	3.00	.10	14.00	14.00	77.00
5549.27	21276.07	9520	10600	10.00	.05	12.00	16.00	98.00
5589.79	21273.31	9560	10600	10.00	.10	14.00	17.00	129.00
5630.32	21270.54	9600	10600	10.00	.10	17.00	14.00	82.00
5670.84	21267.78	9640	10600	5.00	.10	17.00	16.00	92.00
5711.37	21265.01	9680	10600	3.00	.20	13.00	20.00	82.00
5751.89	21262.24	9720	10600	3.00	.05	9.00	12.00	76.00
5792.42	21259.48	9760	10600	5.00	.10	9.00	14.00	80.00
5832.94	21256.71	9800	10600	3.00	.10	30.00	25.00	114.00
5873.47	21253.95	9840	10600	3.00	.05	16.00	17.00	74.00
5913.99	21251.18	9880	10600	3.00	.10	17.00	19.00	111.00
5954.52	21248.41	9920	10600	5.00	.05	12.00	17.00	90.00
5995.04	21245.65	9960	10600	10.00	.05	15.00	19.00	92.00
6035.57	21242.88	10000	10600	3.00	.05	14.00	19.00	108.00
3692.86	21487.29	7660	10780	10.00	.05	6.00	10.00	41.00
3712.79	21486.72	7680	10780	10.00	.05	8.00	13.00	55.00
3732.72	21486.15	7700	10780	10.00	.05	34.00	21.00	64.00
5495.96	21437.93	9460	10780	5.00	.10	39.00	21.00	79.00
5516.07	21437.39	9480	10780	3.00	.20	14.00	12.00	69.00
5536.18	21436.86	9500	10780	10.00	.10	14.00	11.00	64.00
5656.82	21433.64	9620	10780	10.00	.50	23.00	20.00	116.00
5676.93	21433.10	9640	10780	10.00	.20	25.00	16.00	83.00
5697.04	21432.57	9660	10780	10.00	.30	29.00	20.00	166.00
3035.16	21525.95	7000	10800	3.00	.05	12.00	15.00	60.00
3075.02	21524.82	7040	10800	20.00	.05	15.00	16.00	55.00
3114.88	21523.69	7080	10800	20.00	.05	11.00	16.00	58.00
3154.74	21522.56	7120	10800	15.00	.05	12.00	18.00	70.00
3194.60	21521.42	7160	10800	15.00	.05	24.00	21.00	69.00
3234.46	21520.29	7200	10800	30.00	.05	11.00	17.00	81.00
3274.32	21519.16	7240	10800	20.00	.05	18.00	17.00	75.00
3314.18	21518.03	7280	10800	15.00	.05	22.00	16.00	54.00
3354.04	21516.90	7320	10800	10.00	.05	7.00	11.00	49.00
3393.91	21515.77	7360	10800	15.00	.05	5.00	9.00	46.00
3433.77	21514.64	7400	10800	25.00	.05	11.00	11.00	72.00
3473.63	21513.51	7440	10800	15.00	.05	10.00	12.00	71.00
3513.49	21512.38	7480	10800	10.00	.10	19.00	15.00	98.00
3553.35	21511.24	7520	10800	3.00	.05	19.00	28.00	117.00
3593.21	21510.11	7560	10800	10.00	.05	16.00	16.00	59.00
3633.07	21508.98	7600	10800	5.00	.05	16.00	13.00	62.00
3672.93	21507.85	7640	10800	15.00	.05	9.00	14.00	72.00
3692.86	21507.29	7660	10800	3.00	.10	33.00	18.00	55.00
3712.79	21506.72	7680	10800	35.00	.05	14.00	13.00	82.00
3732.72	21506.15	7700	10800	5.00	.05	8.00	15.00	93.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
3752.65	21505.59	7720	10800	15.00	.10	8.00	12.00	90.00
3792.51	21504.46	7760	10800	5.00	.05	25.00	21.00	63.00
3832.37	21503.33	7800	10800	3.00	.10	12.00	15.00	79.00
3872.23	21502.20	7840	10800	3.00	.05	25.00	19.00	64.00
3912.09	21501.06	7880	10800	3.00	.10	12.00	12.00	63.00
3951.95	21499.93	7920	10800	5.00	.10	26.00	19.00	85.00
3991.81	21498.80	7960	10800	15.00	.05	21.00	14.00	92.00
4031.67	21497.67	8000	10800	3.00	.05	43.00	34.00	94.00
4071.53	21496.54	8040	10800	10.00	.05	12.00	18.00	95.00
4111.40	21495.41	8080	10800	15.00	.05	22.00	20.00	93.00
4151.26	21494.28	8120	10800	3.00	.05	19.00	21.00	107.00
4191.12	21493.15	8160	10800	3.00	.10	12.00	15.00	95.00
4230.98	21492.02	8200	10800	3.00	.05	13.00	15.00	86.00
4270.84	21490.88	8240	10800	3.00	.05	11.00	13.00	81.00
4310.70	21489.75	8280	10800	3.00	.05	13.00	16.00	106.00
4350.56	21488.62	8320	10800	10.00	.10	9.00	6.00	74.00
4390.42	21487.49	8360	10800	3.00	.05	13.00	9.00	69.00
4430.28	21486.36	8400	10800	5.00	.05	8.00	14.00	86.00
4470.49	21485.29	8440	10800	10.00	.10	9.00	12.00	95.00
4510.71	21484.21	8480	10800	5.00	.05	11.00	13.00	80.00
4550.92	21483.14	8520	10800	15.00	.10	12.00	17.00	111.00
4591.14	21482.07	8560	10800	3.00	.05	18.00	23.00	121.00
4631.35	21481.00	8600	10800	15.00	.10	11.00	13.00	85.00
4671.57	21479.92	8640	10800	3.00	.10	13.00	17.00	67.00
4711.78	21478.85	8680	10800	3.00	.10	16.00	15.00	65.00
4752.00	21477.78	8720	10800	3.00	.10	10.00	15.00	89.00
4792.21	21476.71	8760	10800	3.00	.05	6.00	13.00	68.00
4832.42	21475.63	8800	10800	5.00	.10	21.00	19.00	65.00
4872.64	21474.56	8840	10800	3.00	.10	23.00	18.00	93.00
4912.85	21473.49	8880	10800	3.00	.10	23.00	17.00	87.00
4953.07	21472.41	8920	10800	10.00	.10	19.00	14.00	76.00
4993.28	21471.34	8960	10800	5.00	.10	12.00	16.00	104.00
5033.50	21470.27	9000	10800	10.00	.10	12.00	15.00	96.00
5073.71	21469.20	9040	10800	25.00	.10	12.00	18.00	95.00
5113.93	21468.12	9080	10800	10.00	.05	18.00	14.00	63.00
5154.14	21467.05	9120	10800	10.00	.10	10.00	17.00	101.00
5194.36	21465.98	9160	10800	5.00	.20	8.00	15.00	94.00
5234.57	21464.90	9200	10800	10.00	.20	6.00	14.00	76.00
5274.78	21463.83	9240	10800	10.00	.10	17.00	12.00	53.00
5315.00	21462.76	9280	10800	10.00	.20	16.00	21.00	98.00
5355.21	21461.69	9320	10800	10.00	.20	14.00	16.00	92.00
5395.43	21460.61	9360	10800	5.00	.20	14.00	16.00	81.00
5435.64	21459.54	9400	10800	5.00	.10	22.00	20.00	65.00
5475.86	21458.47	9440	10800	15.00	.20	29.00	38.00	121.00
5495.96	21457.93	9460	10800	5.00	.10	21.00	13.00	79.00
5516.07	21457.39	9480	10800	10.00	.90	31.00	597.00	565.00
5536.18	21456.86	9500	10800	10.00	.20	14.00	12.00	88.00
5556.29	21456.32	9520	10800	15.00	.10	18.00	21.00	86.00
5596.50	21455.25	9560	10800	15.00	.20	34.00	25.00	89.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
5636.71	21454.18	9600	10800	10.00	.30	22.00	27.00	141.00
5656.82	21453.64	9620	10800	5.00	.10	20.00	18.00	90.00
5676.93	21453.10	9640	10800	60.00	.30	21.00	21.00	105.00
5697.04	21452.57	9660	10800	5.00	.90	40.00	27.00	86.00
5717.14	21452.03	9680	10800	10.00	.20	23.00	24.00	84.00
5757.36	21450.96	9720	10800	5.00	.20	18.00	22.00	92.00
5797.57	21449.89	9760	10800	3.00	.10	21.00	27.00	99.00
5837.79	21448.81	9800	10800	15.00	.10	37.00	29.00	90.00
5878.00	21447.74	9840	10800	10.00	.30	23.00	22.00	132.00
5918.22	21446.67	9880	10800	5.00	.10	17.00	18.00	84.00
5958.43	21445.59	9920	10800	5.00	.20	11.00	19.00	69.00
6018.75	21443.99	9980	10800	5.00	.20	13.00	16.00	75.00
6038.86	21443.45	10000	10800	3.00	.10	25.00	24.00	113.00
3692.86	21527.29	7660	10820	10.00	.10	15.00	18.00	65.00
3712.79	21526.72	7680	10820	5.00	.10	13.00	13.00	51.00
3732.72	21526.15	7700	10820	15.00	.50	13.00	14.00	90.00
5495.96	21477.93	9460	10820	5.00	.20	19.00	15.00	77.00
5516.07	21477.39	9480	10820	5.00	.30	37.00	25.00	95.00
5536.18	21476.86	9500	10820	10.00	.20	17.00	17.00	96.00
5656.82	21473.64	9620	10820	10.00	.20	10.00	12.00	841.00
5676.93	21473.10	9640	10820	10.00	1.80	83.00	40.00	121.00
5697.04	21472.57	9660	10820	10.00	.20	22.00	22.00	99.00
6001.42	19826.09	10000	9200	5.00	.05	13.00	18.00	90.00
6021.40	19824.92	10020	9200	5.00	.05	37.00	29.00	101.00
6041.37	19823.76	10040	9200	10.00	.05	11.00	23.00	101.00
6081.32	19821.42	10080	9200	10.00	.05	19.00	26.00	77.00
6121.28	19819.09	10120	9200	15.00	.05	11.00	21.00	84.00
6161.23	19816.76	10160	9200	20.00	.10	19.00	22.00	78.00
6201.18	19814.42	10200	9200	25.00	.05	13.00	18.00	94.00
6241.13	19812.09	10240	9200	30.00	.05	14.00	15.00	75.00
6281.08	19809.75	10280	9200	20.00	.10	7.00	16.00	65.00
6321.03	19807.42	10320	9200	20.00	.05	17.00	33.00	111.00
6360.99	19805.09	10360	9200	5.00	.05	20.00	28.00	92.00
6400.94	19802.75	10400	9200	10.00	.10	15.00	17.00	62.00
6440.89	19800.42	10440	9200	5.00	.10	28.00	30.00	85.00
6480.84	19798.09	10480	9200	15.00	.05	15.00	29.00	82.00
6520.79	19795.75	10520	9200	10.00	.05	14.00	23.00	111.00
6560.75	19793.42	10560	9200	10.00	.05	8.00	15.00	94.00
6600.70	19791.08	10600	9200	5.00	.05	12.00	19.00	138.00
6640.65	19788.75	10640	9200	15.00	.05	12.00	23.00	97.00
6680.60	19786.42	10680	9200	10.00	.05	40.00	23.00	78.00
6720.55	19784.08	10720	9200	15.00	.05	13.00	25.00	121.00
6760.51	19781.75	10760	9200	20.00	.05	23.00	26.00	64.00
6800.46	19779.42	10800	9200	10.00	.05	37.00	39.00	88.00
6840.41	19777.08	10840	9200	5.00	.10	35.00	37.00	108.00
6880.36	19774.75	10880	9200	5.00	.10	12.00	30.00	91.00
7399.58	19752.31	11400	9200	5.00	.05	25.00	31.00	70.00
7439.63	19753.17	11440	9200	10.00	.05	59.00	31.00	163.00
7479.69	19754.04	11480	9200	10.00	.80	40.00	42.00	168.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7519.74	19754.91	11520	9200	10.00	.05	23.00	22.00	156.00
7559.79	19755.78	11560	9200	10.00	.05	29.00	33.00	114.00
7599.85	19756.64	11600	9200	15.00	.30	40.00	39.00	122.00
7639.90	19757.51	11640	9200	40.00	1.20	56.00	40.00	200.00
7679.95	19758.38	11680	9200	50.00	2.20	57.00	40.00	209.00
7720.01	19759.25	11720	9200	10.00	.40	41.00	34.00	148.00
7760.06	19760.12	11760	9200	15.00	.30	82.00	32.00	125.00
7800.11	19760.98	11800	9200	25.00	.20	51.00	162.00	202.00
7840.17	19761.85	11840	9200	40.00	.20	45.00	43.00	122.00
7880.22	19762.72	11880	9200	15.00	.10	84.00	28.00	123.00
7920.27	19763.59	11920	9200	55.00	1.20	88.00	102.00	250.00
7960.33	19764.46	11960	9200	10.00	.20	40.00	38.00	165.00
8000.38	19765.32	12000	9200	15.00	.20	60.00	38.00	131.00
8040.44	19766.19	12040	9200	10.00	.10	56.00	30.00	82.00
8080.49	19767.06	12080	9200	90.00	.50	98.00	62.00	214.00
8120.54	19767.93	12120	9200	10.00	.20	30.00	24.00	70.00
8160.60	19768.79	12160	9200	15.00	.50	29.00	26.00	56.00
8200.65	19769.66	12200	9200	10.00	.10	28.00	23.00	69.00
8240.70	19770.53	12240	9200	5.00	.20	42.00	131.00	332.00
8280.76	19771.40	12280	9200	10.00	.05	26.00	24.00	84.00
8320.81	19772.27	12320	9200	50.00	.10	27.00	23.00	65.00
8360.86	19773.13	12360	9200	5.00	.05	21.00	28.00	63.00
8400.92	19774.00	12400	9200	5.00	.05	20.00	20.00	87.00
8440.97	19774.87	12440	9200	10.00	.10	33.00	31.00	64.00
6006.44	20036.41	10000	9400	3.00	.05	15.00	20.00	117.00
6050.21	20033.41	10040	9400	10.00	.10	30.00	25.00	57.00
6093.98	20030.41	10080	9400	5.00	.10	14.00	18.00	161.00
6137.75	20027.41	10120	9400	10.00	.10	20.00	12.00	178.00
6181.52	20024.41	10160	9400	10.00	.10	22.00	18.00	72.00
6225.29	20021.41	10200	9400	5.00	.10	13.00	14.00	61.00
6269.06	20018.41	10240	9400	10.00	.10	22.00	19.00	68.00
6312.83	20015.41	10280	9400	5.00	.05	12.00	15.00	56.00
6356.60	20012.42	10320	9400	5.00	.05	16.00	15.00	55.00
6400.37	20009.42	10360	9400	10.00	.10	16.00	20.00	66.00
6444.13	20006.42	10400	9400	5.00	.10	38.00	36.00	161.00
6487.90	20003.42	10440	9400	5.00	.20	38.00	29.00	71.00
6531.67	20000.42	10480	9400	5.00	.10	26.00	19.00	62.00
6575.44	19997.42	10520	9400	5.00	.05	14.00	14.00	56.00
6619.21	19994.42	10560	9400	10.00	.10	42.00	42.00	65.00
6662.98	19991.42	10600	9400	10.00	.05	21.00	21.00	60.00
6706.75	19988.42	10640	9400	10.00	.05	22.00	22.00	52.00
6750.52	19985.42	10680	9400	25.00	.10	22.00	22.00	79.00
6794.29	19982.42	10720	9400	5.00	.10	38.00	38.00	106.00
6838.06	19979.42	10760	9400	10.00	.05	28.00	28.00	64.00
6881.83	19976.42	10800	9400	60.00	.05	17.00	17.00	65.00
6925.60	19973.42	10840	9400	80.00	.05	27.00	27.00	62.00
6969.37	19970.42	10880	9400	20.00	.10	30.00	18.00	69.00
7013.14	19967.42	10920	9400	10.00	.10	64.00	30.00	67.00
7056.91	19964.43	10960	9400	10.00	.10	64.00	64.00	99.00

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7100.68	19961.43	11000	9400	10.00	.05	24.00	24.00	107.00
7136.52	19961.64	11040	9400	40.00	.10	32.00	32.00	84.00
7447.41	19983.07	11440	9400	5.00	.05	24.00	24.00	78.00
7487.37	19982.89	11480	9400	10.00	.05	44.00	27.00	61.00
7527.34	19982.71	11520	9400	10.00	.05	39.00	38.00	65.00
7567.30	19982.53	11560	9400	15.00	.05	50.00	31.00	51.00
7607.26	19982.34	11600	9400	10.00	.05	25.00	20.00	68.00
7647.23	19982.16	11640	9400	10.00	.05	55.00	18.00	75.00
7687.19	19981.98	11680	9400	35.00	.05	53.00	34.00	107.00
7727.15	19981.80	11720	9400	20.00	.05	30.00	17.00	52.00
7767.11	19981.62	11760	9400	20.00	.10	28.00	30.00	108.00
7807.08	19981.44	11800	9400	3.00	.10	47.00	29.00	75.00
7847.04	19981.26	11840	9400	5.00	.05	92.00	20.00	78.00
7887.00	19981.07	11880	9400	5.00	.05	47.00	27.00	71.00
7926.97	19980.89	11920	9400	15.00	.05	35.00	37.00	80.00
7966.93	19980.71	11960	9400	20.00	.10	32.00	28.00	53.00
8006.89	19980.53	12000	9400	20.00	.05	25.00	21.00	58.00
8046.85	19980.35	12040	9400	25.00	.05	44.00	34.00	91.00
8086.82	19980.17	12080	9400	35.00	.05	22.00	23.00	53.00
8126.78	19979.98	12120	9400	3.00	.05	21.00	26.00	46.00
8166.74	19979.80	12160	9400	10.00	.05	29.00	25.00	84.00
8206.71	19979.62	12200	9400	10.00	.05	34.00	26.00	51.00
8246.67	19979.44	12240	9400	25.00	.05	20.00	20.00	59.00
8286.63	19979.26	12280	9400	10.00	.05	38.00	30.00	63.00
8326.60	19979.08	12320	9400	5.00	.10	35.00	33.00	67.00
8366.56	19978.89	12360	9400	3.00	.10	47.00	32.00	63.00
8406.52	19978.71	12400	9400	35.00	.05	14.00	24.00	49.00
8446.49	19978.53	12440	9400	3.00	.10	36.00	31.00	53.00
8486.45	19978.35	12480	9400	3.00	.05	22.00	22.00	52.00
6011.12	20236.64	10000	9600	5.00	.05	23.00	25.00	81.00
6051.02	20233.86	10040	9600	3.00	.05	16.00	25.00	27.00
6090.92	20231.09	10080	9600	10.00	.10	17.00	23.00	64.00
6130.81	20228.31	10120	9600	10.00	.05	19.00	23.00	72.00
6170.71	20225.53	10160	9600	5.00	.10	19.00	22.00	53.00
6210.61	20222.76	10200	9600	15.00	.05	14.00	19.00	53.00
6250.50	20219.98	10240	9600	10.00	.05	18.00	26.00	66.00
6290.40	20217.20	10280	9600	20.00	.05	13.00	18.00	59.00
6330.30	20214.43	10320	9600	3.00	.05	18.00	28.00	56.00
6370.20	20211.65	10360	9600	3.00	.05	17.00	25.00	53.00
6410.09	20208.87	10400	9600	3.00	.05	33.00	28.00	54.00
6449.99	20206.10	10440	9600	3.00	.05	21.00	23.00	73.00
6489.89	20203.32	10480	9600	5.00	.10	30.00	34.00	78.00
6529.79	20200.54	10520	9600	10.00	.05	19.00	21.00	54.00
6569.68	20197.77	10560	9600	3.00	.10	13.00	18.00	65.00
6609.58	20194.99	10600	9600	5.00	.10	17.00	17.00	51.00
6649.48	20192.21	10640	9600	3.00	.05	15.00	16.00	56.00
6689.38	20189.44	10680	9600	3.00	.05	17.00	22.00	51.00
6729.27	20186.66	10720	9600	25.00	.05	20.00	17.00	81.00
6769.17	20183.88	10760	9600	3.00	.05	14.00	15.00	59.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6809.07	20181.11	10800	9600	3.00	.05	31.00	31.00	76.00
6848.97	20178.33	10840	9600	5.00	.05	52.00	38.00	82.00
6888.86	20175.55	10880	9600	15.00	.05	44.00	47.00	74.00
6928.76	20172.78	10920	9600	5.00	.10	22.00	38.00	93.00
6968.66	20170.00	10960	9600	3.00	.05	31.00	38.00	71.00
7008.56	20167.22	11000	9600	10.00	.05	21.00	30.00	74.00
7048.45	20164.45	11040	9600	55.00	.05	53.00	41.00	75.00
7088.35	20161.67	11080	9600	5.00	.05	41.00	68.00	88.00
7652.17	20206.78	11640	9600	3.00	.05	36.00	22.00	81.00
7692.13	20205.58	11680	9600	10.00	.10	32.00	18.00	89.00
7732.08	20204.38	11720	9600	3.00	.05	45.00	12.00	95.00
7772.04	20203.18	11760	9600	3.00	.30	29.00	28.00	82.00
7811.99	20201.99	11800	9600	3.00	.30	25.00	14.00	59.00
7851.95	20200.79	11840	9600	20.00	.30	69.00	11.00	70.00
7891.90	20199.59	11880	9600	40.00	.30	47.00	11.00	82.00
7931.86	20198.39	11920	9600	20.00	.20	87.00	19.00	80.00
7971.81	20197.19	11960	9600	20.00	.20	49.00	14.00	115.00
8011.77	20195.99	12000	9600	15.00	.20	32.00	18.00	67.00
8051.72	20194.79	12040	9600	20.00	.20	20.00	19.00	42.00
8091.68	20193.60	12080	9600	10.00	.10	13.00	18.00	52.00
8131.63	20192.40	12120	9600	15.00	.10	22.00	19.00	50.00
8171.59	20191.20	12160	9600	3.00	.10	18.00	20.00	53.00
8211.54	20190.00	12200	9600	15.00	.10	26.00	21.00	50.00
8251.50	20188.80	12240	9600	20.00	.10	16.00	21.00	52.00
8291.45	20187.60	12280	9600	80.00	.10	16.00	20.00	42.00
8331.40	20186.40	12320	9600	25.00	.10	12.00	18.00	35.00
8371.36	20185.21	12360	9600	10.00	.10	27.00	21.00	65.00
8411.31	20184.01	12400	9600	10.00	.10	20.00	24.00	53.00
8451.27	20182.81	12440	9600	3.00	.10	18.00	26.00	58.00
8491.22	20181.61	12480	9600	3.00	.10	25.00	32.00	71.00
6015.79	20436.23	10000	9800	5.00	.05	12.00	17.00	105.00
6055.45	20434.13	10040	9800	20.00	.10	15.00	21.00	69.00
6095.10	20432.03	10080	9800	15.00	.05	32.00	25.00	67.00
6134.76	20429.93	10120	9800	25.00	.05	12.00	19.00	98.00
6174.41	20427.82	10160	9800	5.00	.05	12.00	18.00	71.00
6214.07	20425.72	10200	9800	10.00	.05	19.00	24.00	90.00
6253.72	20423.62	10240	9800	20.00	.05	18.00	22.00	89.00
6293.38	20421.52	10280	9800	3.00	.05	25.00	25.00	115.00
6333.03	20419.42	10320	9800	15.00	.05	18.00	18.00	129.00
6372.69	20417.32	10360	9800	3.00	.05	16.00	26.00	79.00
6412.34	20415.21	10400	9800	15.00	.05	19.00	19.00	78.00
6452.00	20413.11	10440	9800	3.00	.05	11.00	16.00	77.00
6491.65	20411.01	10480	9800	25.00	.05	10.00	20.00	49.00
6531.31	20408.91	10520	9800	15.00	.05	11.00	27.00	70.00
6570.96	20406.81	10560	9800	20.00	.05	8.00	15.00	113.00
6610.62	20404.71	10600	9800	3.00	.05	9.00	19.00	55.00
6650.27	20402.60	10640	9800	25.00	.05	35.00	32.00	63.00
6689.93	20400.50	10680	9800	10.00	.05	40.00	26.00	559.00
6729.58	20398.40	10720	9800	3.00	.05	112.00	22.00	100.00

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6769.24	20396.30	10760	9800	3.00	.05	93.00	52.00	108.00
6808.90	20394.20	10800	9800	3.00	.05	82.00	33.00	84.00
6848.55	20392.10	10840	9800	3.00	.05	35.00	123.00	204.00
6888.21	20389.99	10880	9800	10.00	.05	50.00	129.00	215.00
6927.86	20387.89	10920	9800	15.00	.05	51.00	196.00	356.00
6967.52	20385.79	10960	9800	3.00	.05	79.00	141.00	219.00
7007.17	20383.69	11000	9800	3.00	.05	28.00	142.00	149.00
7046.83	20381.59	11040	9800	3.00	.05	28.00	24.00	191.00
7086.48	20379.49	11080	9800	3.00	.05	24.00	54.00	150.00
7126.14	20377.38	11120	9800	3.00	.05	22.00	31.00	59.00
7165.79	20375.28	11160	9800	3.00	.05	28.00	52.00	59.00
7657.62	20427.81	11640	9800	15.00	.05	59.00	16.00	49.00
7697.57	20425.55	11680	9800	20.00	.05	28.00	20.00	56.00
7737.51	20423.30	11720	9800	3.00	.05	29.00	17.00	92.00
7777.46	20421.04	11760	9800	15.00	.05	14.00	14.00	87.00
7817.40	20418.79	11800	9800	10.00	.05	14.00	20.00	62.00
7857.35	20416.53	11840	9800	10.00	.05	28.00	88.00	111.00
7897.30	20414.28	11880	9800	5.00	.05	18.00	18.00	79.00
7937.24	20412.02	11920	9800	5.00	.05	7.00	20.00	57.00
7977.19	20409.76	11960	9800	50.00	.05	7.00	19.00	71.00
8017.13	20407.51	12000	9800	35.00	.05	9.00	17.00	56.00
8057.08	20405.25	12040	9800	10.00	.05	10.00	21.00	58.00
8097.03	20403.00	12080	9800	3.00	.05	6.00	26.00	54.00
8136.97	20400.74	12120	9800	10.00	.05	16.00	58.00	98.00
8176.92	20398.48	12160	9800	3.00	.05	10.00	39.00	66.00
8216.86	20396.23	12200	9800	5.00	.05	22.00	30.00	71.00
8256.81	20393.97	12240	9800	15.00	.05	7.00	23.00	61.00
8296.76	20391.72	12280	9800	10.00	.05	14.00	33.00	104.00
8336.70	20389.46	12320	9800	30.00	.05	14.00	32.00	41.00
8376.65	20387.21	12360	9800	5.00	.05	13.00	26.00	84.00
8416.59	20384.95	12400	9800	10.00	.05	20.00	29.00	82.00
8456.54	20382.69	12440	9800	15.00	.05	17.00	34.00	63.00
8496.49	20380.44	12480	9800	10.00	.05	9.00	24.00	55.00
6020.49	20637.08	10000	10000	5.00	.05	13.00	16.00	95.00
6060.41	20634.93	10040	10000	10.00	.05	14.00	16.00	105.00
6100.33	20632.78	10080	10000	3.00	.05	7.00	16.00	90.00
6140.25	20630.63	10120	10000	5.00	.05	19.00	23.00	61.00
6180.16	20628.48	10160	10000	10.00	.05	6.00	17.00	83.00
6220.08	20626.33	10200	10000	5.00	.05	9.00	16.00	65.00
6260.00	20624.18	10240	10000	10.00	.05	14.00	24.00	82.00
6299.92	20622.03	10280	10000	25.00	.05	9.00	20.00	138.00
6339.84	20619.87	10320	10000	15.00	.05	13.00	21.00	121.00
6379.75	20617.72	10360	10000	10.00	.05	12.00	20.00	120.00
6419.67	20615.57	10400	10000	10.00	.05	16.00	28.00	77.00
6459.59	20613.42	10440	10000	20.00	.05	11.00	21.00	72.00
6499.51	20611.27	10480	10000	15.00	.05	19.00	20.00	74.00
6539.43	20609.12	10520	10000	10.00	.05	13.00	19.00	76.00
6579.35	20606.97	10560	10000	15.00	.05	15.00	18.00	77.00
6619.26	20604.82	10600	10000	20.00	.05	17.00	21.00	70.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6659.18	20602.67	10640	10000	5.00	.05	12.00	24.00	70.00
6699.10	20600.52	10680	10000	5.00	.05	4.00	25.00	72.00
6739.02	20598.37	10720	10000	10.00	.05	11.00	19.00	110.00
6778.94	20596.21	10760	10000	15.00	.05	10.00	17.00	83.00
6818.86	20594.06	10800	10000	15.00	.05	14.00	19.00	73.00
6858.77	20591.91	10840	10000	5.00	.10	15.00	26.00	77.00
6898.69	20589.76	10880	10000	15.00	.05	19.00	15.00	83.00
6938.61	20587.61	10920	10000	20.00	.05	20.00	18.00	76.00
6978.53	20585.46	10960	10000	10.00	.10	6.00	15.00	73.00
7018.45	20583.31	11000	10000	5.00	.05	15.00	20.00	101.00
7058.37	20581.16	11040	10000	15.00	.05	18.00	18.00	101.00
7098.28	20579.01	11080	10000	5.00	.05	11.00	13.00	108.00
7138.20	20576.86	11120	10000	15.00	.05	15.00	14.00	101.00
7178.12	20574.71	11160	10000	25.00	.10	17.00	21.00	99.00
7507.47	20650.42	11480	10000	35.00	.05	30.00	39.00	99.00
7547.22	20647.59	11520	10000	15.00	.05	30.00	32.00	71.00
7586.97	20644.76	11560	10000	3.00	.05	7.00	16.00	51.00
7626.72	20641.93	11600	10000	3.00	.05	12.00	14.00	51.00
7666.47	20639.10	11640	10000	10.00	.05	9.00	17.00	74.00
7706.22	20636.27	11680	10000	3.00	.05	6.00	14.00	55.00
7745.97	20633.44	11720	10000	3.00	.05	13.00	20.00	88.00
7785.72	20630.61	11760	10000	5.00	.05	9.00	18.00	63.00
7825.47	20627.79	11800	10000	5.00	.05	10.00	19.00	78.00
7865.22	20624.96	11840	10000	5.00	.05	11.00	21.00	60.00
7904.97	20622.13	11880	10000	3.00	.20	10.00	19.00	67.00
7944.72	20619.30	11920	10000	5.00	.05	16.00	23.00	52.00
7984.47	20616.47	11960	10000	5.00	.05	15.00	43.00	69.00
8024.22	20613.64	12000	10000	5.00	.10	16.00	24.00	86.00
8063.97	20610.81	12040	10000	3.00	.05	21.00	19.00	72.00
8103.72	20607.98	12080	10000	3.00	.05	17.00	24.00	93.00
8143.47	20605.15	12120	10000	5.00	.05	30.00	29.00	76.00
8183.22	20602.32	12160	10000	15.00	.05	13.00	30.00	83.00
8222.97	20599.49	12200	10000	3.00	.05	6.00	8.00	98.00
8262.72	20596.66	12240	10000	3.00	.05	7.00	14.00	78.00
8302.47	20593.83	12280	10000	5.00	.05	16.00	18.00	83.00
8342.22	20591.00	12320	10000	65.00	.10	41.00	19.00	80.00
8381.97	20588.17	12360	10000	3.00	.10	11.00	20.00	82.00
8421.72	20585.34	12400	10000	3.00	.05	41.00	16.00	104.00
8461.47	20582.51	12440	10000	3.00	.05	13.00	20.00	73.00
8501.22	20579.68	12480	10000	15.00	.10	7.00	14.00	71.00
6025.79	20836.65	10000	10200	5.00	.05	12.00	20.00	99.00
6065.80	20834.25	10040	10200	20.00	.05	6.00	10.00	127.00
6105.81	20831.84	10080	10200	5.00	.20	13.00	23.00	91.00
6145.82	20829.44	10120	10200	3.00	.10	16.00	35.00	143.00
6185.83	20827.03	10160	10200	3.00	.10	12.00	26.00	128.00
6225.83	20824.63	10200	10200	3.00	.20	19.00	23.00	109.00
6265.84	20822.22	10240	10200	3.00	.05	9.00	25.00	86.00
6305.85	20819.81	10280	10200	3.00	.30	8.00	16.00	67.00
6345.86	20817.41	10320	10200	3.00	.10	14.00	25.00	102.00

UTM COORDINATES EAST	NORTH	GRID COORDINATES EAST	NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6385.87	20815.00	10360	10200	5.00	.20	6.00	35.00	100.00
6425.88	20812.60	10400	10200	3.00	.05	14.00	22.00	89.00
6465.89	20810.19	10440	10200	5.00	.05	9.00	24.00	106.00
6505.90	20807.79	10480	10200	3.00	.10	21.00	14.00	68.00
6545.91	20805.38	10520	10200	5.00	.05	9.00	13.00	54.00
6585.91	20802.98	10560	10200	55.00	.05	22.00	29.00	134.00
6625.92	20800.57	10600	10200	20.00	.10	32.00	22.00	106.00
6665.93	20798.17	10640	10200	15.00	.10	19.00	23.00	92.00
6705.94	20795.76	10680	10200	10.00	.05	52.00	22.00	98.00
6745.95	20793.36	10720	10200	3.00	.10	25.00	23.00	87.00
6785.96	20790.95	10760	10200	10.00	.05	19.00	16.00	79.00
6825.97	20788.54	10800	10200	5.00	.05	12.00	23.00	89.00
6865.98	20786.14	10840	10200	5.00	.05	21.00	20.00	85.00
6905.98	20783.73	10880	10200	30.00	.05	11.00	18.00	56.00
6945.99	20781.33	10920	10200	5.00	.10	13.00	15.00	86.00
6986.00	20778.93	10960	10200	10.00	.05	25.00	19.00	93.00
7026.01	20776.52	11000	10200	30.00	.10	17.00	18.00	71.00
7066.02	20774.12	11040	10200	25.00	.20	70.00	19.00	77.00
7106.03	20771.71	11080	10200	20.00	.05	22.00	16.00	68.00
7146.04	20769.30	11120	10200	5.00	.05	15.00	18.00	73.00
7186.05	20766.90	11160	10200	20.00	.10	12.00	19.00	74.00
7226.06	20764.49	11200	10200	3.00	.05	40.00	25.00	96.00
7266.06	20762.09	11240	10200	3.00	.05	11.00	22.00	49.00
7306.07	20759.68	11280	10200	5.00	.05	13.00	24.00	71.00
7346.08	20757.28	11320	10200	5.00	.10	9.00	26.00	122.00
7386.09	20754.87	11360	10200	15.00	.05	4.00	18.00	60.00
7426.10	20752.47	11400	10200	15.00	.05	8.00	19.00	67.00
7466.11	20750.06	11440	10200	30.00	.05	8.00	18.00	63.00
7506.12	20747.66	11480	10200	3.00	.05	16.00	22.00	54.00
7546.13	20745.25	11520	10200	15.00	.05	27.00	25.00	55.00
7586.14	20742.85	11560	10200	5.00	.05	9.00	28.00	52.00
7626.14	20740.44	11600	10200	15.00	.05	8.00	15.00	49.00
7666.15	20738.04	11640	10200	3.00	.10	8.00	22.00	65.00
7706.16	20735.63	11680	10200	10.00	.05	8.00	17.00	60.00
7746.17	20733.22	11720	10200	3.00	.05	12.00	14.00	72.00
7786.18	20730.82	11760	10200	10.00	.10	25.00	24.00	76.00
7826.19	20728.41	11800	10200	15.00	.05	7.00	25.00	62.00
7866.20	20726.01	11840	10200	10.00	.10	7.00	21.00	79.00
7906.21	20723.61	11880	10200	3.00	.20	10.00	20.00	90.00
7946.21	20721.20	11920	10200	5.00	.05	12.00	16.00	86.00
7986.22	20718.79	11960	10200	3.00	.05	10.00	18.00	87.00
8026.23	20716.39	12000	10200	3.00	.05	23.00	23.00	89.00
8066.24	20713.98	12040	10200	3.00	.05	14.00	20.00	65.00
8106.25	20711.58	12080	10200	5.00	.05	17.00	19.00	65.00
8146.26	20709.17	12120	10200	20.00	.05	14.00	21.00	74.00
8186.27	20706.77	12160	10200	25.00	.05	17.00	22.00	80.00
8226.28	20704.36	12200	10200	5.00	.05	28.00	23.00	119.00
8266.29	20701.96	12240	10200	15.00	.05	14.00	22.00	81.00
8306.29	20699.55	12280	10200	3.00	.05	24.00	21.00	52.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
8346.30	20697.15	12320	10200	3.00	.05	13.00	17.00	59.00
8386.31	20694.74	12360	10200	3.00	.05	8.00	12.00	65.00
8426.32	20692.34	12400	10200	3.00	.05	10.00	15.00	63.00
8466.33	20689.93	12440	10200	10.00	.05	13.00	19.00	52.00
8506.34	20687.53	12480	10200	15.00	.05	36.00	12.00	72.00
6029.78	21035.00	10000	10400	15.00	.10	10.00	19.00	86.00
6069.81	21034.45	10040	10400	3.00	.05	13.00	21.00	115.00
6109.84	21033.89	10080	10400	3.00	.20	14.00	20.00	111.00
6149.87	21033.34	10120	10400	5.00	.20	15.00	23.00	100.00
6189.90	21032.78	10160	10400	3.00	.20	11.00	22.00	73.00
6229.93	21032.23	10200	10400	3.00	.20	24.00	21.00	101.00
6269.96	21031.68	10240	10400	5.00	.10	14.00	26.00	88.00
6309.99	21031.12	10280	10400	10.00	.10	13.00	18.00	89.00
6350.02	21030.57	10320	10400	5.00	.10	14.00	19.00	82.00
6390.05	21030.01	10360	10400	5.00	.10	11.00	27.00	123.00
6430.08	21029.46	10400	10400	5.00	.10	6.00	14.00	98.00
6470.11	21028.91	10440	10400	5.00	.10	39.00	28.00	104.00
6510.14	21028.35	10480	10400	3.00	.10	83.00	14.00	65.00
6550.17	21027.80	10520	10400	5.00	.10	40.00	16.00	64.00
6590.20	21027.24	10560	10400	5.00	.10	20.00	14.00	65.00
6630.23	21026.69	10600	10400	3.00	.10	38.00	23.00	77.00
6670.26	21026.13	10640	10400	3.00	.10	24.00	16.00	115.00
6710.29	21025.58	10680	10400	10.00	.10	14.00	13.00	62.00
6750.32	21025.03	10720	10400	3.00	.10	35.00	16.00	76.00
6790.35	21024.47	10760	10400	3.00	.10	54.00	15.00	79.00
6830.38	21023.92	10800	10400	60.00	.10	73.00	16.00	98.00
6870.41	21023.37	10840	10400	3.00	.10	18.00	18.00	87.00
6910.44	21022.81	10880	10400	3.00	.10	16.00	19.00	82.00
6950.47	21022.26	10920	10400	3.00	.10	15.00	22.00	62.00
6990.50	21021.70	10960	10400	10.00	.10	18.00	22.00	53.00
7030.54	21021.15	11000	10400	25.00	.10	24.00	21.00	73.00
7070.56	21020.59	11040	10400	5.00	.10	11.00	16.00	61.00
7110.60	21020.04	11080	10400	3.00	.10	10.00	18.00	65.00
7150.63	21019.49	11120	10400	3.00	.10	14.00	19.00	50.00
7190.66	21018.93	11160	10400	5.00	.10	8.00	16.00	45.00
7230.69	21018.38	11200	10400	3.00	.30	18.00	15.00	59.00
7270.72	21017.82	11240	10400	5.00	.20	11.00	23.00	50.00
7310.75	21017.27	11280	10400	10.00	.20	11.00	21.00	46.00
7350.78	21016.72	11320	10400	5.00	.20	21.00	66.00	106.00
7390.81	21016.16	11360	10400	10.00	.10	10.00	25.00	42.00
7430.84	21015.61	11400	10400	3.00	.10	9.00	27.00	41.00
7470.87	21015.05	11440	10400	3.00	.05	17.00	31.00	37.00
7510.90	21014.50	11480	10400	3.00	.10	12.00	32.00	51.00
7550.93	21013.95	11520	10400	5.00	.10	9.00	35.00	39.00
7590.96	21013.39	11560	10400	10.00	.05	11.00	47.00	58.00
7630.99	21012.84	11600	10400	5.00	.05	17.00	35.00	97.00
7671.02	21012.28	11640	10400	3.00	.05	22.00	41.00	62.00
7711.05	21011.73	11680	10400	3.00	.05	11.00	37.00	42.00
7751.08	21011.18	11720	10400	10.00	.05	9.00	25.00	30.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7791.11	21010.62	11760	10400	3.00	.10	8.00	15.00	51.00
7831.14	21010.07	11800	10400	5.00	.10	7.00	11.00	42.00
7871.17	21009.51	11840	10400	5.00	.20	13.00	14.00	65.00
7911.20	21008.96	11880	10400	10.00	.05	11.00	11.00	68.00
7951.23	21008.40	11920	10400	3.00	.10	19.00	24.00	109.00
7991.26	21007.85	11960	10400	5.00	.05	24.00	104.00	85.00
8031.29	21007.30	12000	10400	3.00	.20	20.00	17.00	52.00
8071.32	21006.74	12040	10400	5.00	.10	11.00	16.00	33.00
8111.35	21006.19	12080	10400	20.00	.10	7.00	10.00	34.00
8151.38	21005.63	12120	10400	5.00	.10	7.00	13.00	58.00
8191.41	21005.08	12160	10400	3.00	.05	18.00	15.00	60.00
8231.44	21004.53	12200	10400	3.00	.10	15.00	14.00	61.00
8271.47	21003.97	12240	10400	3.00	.20	21.00	16.00	55.00
8311.50	21003.42	12280	10400	3.00	.10	8.00	15.00	42.00
8351.53	21002.87	12320	10400	3.00	.05	14.00	15.00	72.00
8391.56	21002.31	12360	10400	3.00	.10	16.00	16.00	48.00
8431.59	21001.76	12400	10400	3.00	.10	18.00	12.00	62.00
8471.62	21001.20	12440	10400	15.00	.10	12.00	15.00	46.00
8511.65	21000.65	12480	10400	10.00	.05	11.00	15.00	54.00
6034.59	21239.01	10000	10600	3.00	.05	14.00	19.00	108.00
6074.62	21237.29	10040	10600	3.00	.05	29.00	23.00	96.00
6114.66	21235.56	10080	10600	15.00	.05	22.00	19.00	123.00
6154.69	21233.84	10120	10600	3.00	.05	33.00	47.00	137.00
6194.73	21232.11	10160	10600	5.00	.05	19.00	19.00	78.00
6234.76	21230.39	10200	10600	3.00	.05	36.00	31.00	111.00
6274.80	21228.66	10240	10600	3.00	.05	17.00	19.00	85.00
6314.83	21226.94	10280	10600	15.00	.05	18.00	15.00	107.00
6354.87	21225.21	10320	10600	5.00	.05	12.00	12.00	59.00
6394.90	21223.49	10360	10600	20.00	.05	26.00	23.00	74.00
6474.97	21220.04	10440	10600	3.00	.05	13.00	16.00	64.00
6515.00	21218.32	10480	10600	3.00	.05	16.00	15.00	69.00
6555.04	21216.59	10520	10600	5.00	.05	51.00	17.00	58.00
6595.07	21214.87	10560	10600	25.00	.05	143.00	22.00	72.00
6635.11	21213.14	10600	10600	3.00	.05	26.00	17.00	67.00
6675.14	21211.42	10640	10600	3.00	.05	25.00	18.00	84.00
6715.18	21209.69	10680	10600	10.00	.05	33.00	13.00	81.00
6755.21	21207.97	10720	10600	3.00	.05	22.00	21.00	107.00
6795.24	21206.24	10760	10600	10.00	.05	25.00	21.00	86.00
6835.28	21204.52	10800	10600	5.00	.05	14.00	24.00	89.00
6875.31	21202.79	10840	10600	3.00	.05	10.00	11.00	73.00
6915.35	21201.07	10880	10600	3.00	.05	23.00	20.00	80.00
6955.38	21199.35	10920	10600	5.00	.05	22.00	16.00	78.00
6995.42	21197.62	10960	10600	3.00	.05	33.00	26.00	74.00
7035.45	21195.90	11000	10600	3.00	.05	37.00	23.00	61.00
7075.48	21194.17	11040	10600	5.00	.05	11.00	15.00	68.00
7115.52	21192.45	11080	10600	10.00	.05	12.00	10.00	57.00
7155.55	21190.72	11120	10600	3.00	.05	9.00	12.00	54.00
7195.59	21189.00	11160	10600	3.00	.05	11.00	12.00	93.00
7235.62	21187.28	11200	10600	5.00	.05	8.00	9.00	48.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
7275.66	21185.55	11240	10600	10.00	.05	10.00	12.00	56.00
7315.69	21183.83	11280	10600	3.00	.05	7.00	9.00	64.00
7355.73	21182.10	11320	10600	3.00	.05	8.00	14.00	116.00
7395.76	21180.38	11360	10600	3.00	.05	6.00	14.00	83.00
7435.79	21178.65	11400	10600	5.00	.05	9.00	13.00	67.00
7475.83	21176.93	11440	10600	3.00	.05	15.00	13.00	84.00
7515.86	21175.20	11480	10600	3.00	.05	11.00	16.00	78.00
7555.90	21173.48	11520	10600	10.00	.05	12.00	14.00	61.00
7595.93	21171.75	11560	10600	5.00	.10	22.00	19.00	96.00
7635.97	21170.03	11600	10600	10.00	.20	12.00	12.00	54.00
7676.00	21168.30	11640	10600	5.00	.05	20.00	19.00	50.00
7716.04	21166.58	11680	10600	15.00	.10	17.00	10.00	60.00
7756.07	21164.86	11720	10600	15.00	.05	24.00	15.00	53.00
7796.10	21163.13	11760	10600	10.00	.05	64.00	20.00	52.00
7836.14	21161.41	11800	10600	5.00	.05	7.00	11.00	25.00
7876.17	21159.68	11840	10600	5.00	.10	12.00	16.00	56.00
7916.21	21157.96	11880	10600	15.00	.10	13.00	13.00	62.00
7956.24	21156.23	11920	10600	5.00	.10	10.00	12.00	42.00
7996.28	21154.51	11960	10600	15.00	.10	16.00	16.00	63.00
8036.31	21152.79	12000	10600	30.00	.05	17.00	15.00	49.00
8076.35	21151.06	12040	10600	3.00	.30	64.00	14.00	29.00
8116.38	21149.34	12080	10600	15.00	.10	11.00	13.00	37.00
8156.41	21147.61	12120	10600	3.00	.10	13.00	11.00	53.00
8196.45	21145.89	12160	10600	3.00	.05	12.00	15.00	62.00
8236.48	21144.16	12200	10600	20.00	.10	5.00	15.00	56.00
8276.52	21142.44	12240	10600	20.00	1.40	115.00	513.00	133.00
8316.55	21140.71	12280	10600	3.00	.10	16.00	13.00	36.00
8356.59	21138.99	12320	10600	20.00	.10	13.00	12.00	62.00
8396.62	21137.27	12360	10600	10.00	.05	23.00	11.00	61.00
8436.66	21135.54	12400	10600	10.00	.10	13.00	10.00	36.00
8476.69	21133.82	12440	10600	5.00	.10	18.00	17.00	91.00
8516.72	21132.09	12480	10600	15.00	.05	14.00	16.00	42.00
6039.87	21437.95	10000	10800	3.00	.10	25.00	24.00	113.00
6079.90	21436.98	10040	10800	10.00	.10	12.00	14.00	52.00
6119.93	21436.01	10080	10800	5.00	.30	17.00	15.00	67.00
6159.96	21435.03	10120	10800	3.00	.10	7.00	8.00	38.00
6199.99	21434.06	10160	10800	10.00	.10	13.00	12.00	63.00
6240.01	21433.09	10200	10800	3.00	.20	14.00	11.00	76.00
6280.04	21432.12	10240	10800	5.00	.30	18.00	15.00	113.00
6320.07	21431.14	10280	10800	3.00	.70	31.00	19.00	108.00
6360.10	21430.17	10320	10800	3.00	.30	17.00	15.00	74.00
6400.13	21429.20	10360	10800	10.00	.20	20.00	20.00	64.00
6440.16	21428.23	10400	10800	3.00	.30	31.00	18.00	49.00
6480.19	21427.26	10440	10800	10.00	.20	23.00	18.00	58.00
6520.22	21426.29	10480	10800	3.00	.50	68.00	26.00	115.00
6560.25	21425.31	10520	10800	5.00	.30	26.00	18.00	67.00
6600.28	21424.34	10560	10800	10.00	.05	34.00	17.00	65.00
6640.30	21423.37	10600	10800	3.00	.40	39.00	11.00	104.00
6680.33	21422.40	10640	10800	15.00	.20	34.00	22.00	101.00

UTM COORDINATES EAST	UTM COORDINATES NORTH	GRID COORDINATES EAST	GRID COORDINATES NORTH	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
6720.36	21421.43	10680	10800	10.00	.10	32.00	23.00	86.00
6760.39	21420.45	10720	10800	3.00	.20	27.00	19.00	98.00
6800.42	21419.48	10760	10800	10.00	.10	23.00	26.00	81.00
6840.45	21418.51	10800	10800	15.00	.10	23.00	16.00	106.00
6880.48	21417.54	10840	10800	10.00	.10	34.00	28.00	124.00
6920.51	21416.56	10880	10800	15.00	.05	26.00	16.00	73.00
6960.54	21415.59	10920	10800	3.00	.10	18.00	20.00	74.00
7000.56	21414.62	10960	10800	15.00	.20	20.00	17.00	71.00
7040.59	21413.65	11000	10800	5.00	.10	16.00	13.00	75.00
7080.62	21412.68	11040	10800	5.00	.10	14.00	16.00	76.00
7120.65	21411.71	11080	10800	5.00	.10	15.00	13.00	61.00
7160.68	21410.73	11120	10800	3.00	.10	19.00	18.00	78.00
7200.71	21409.76	11160	10800	5.00	.10	17.00	19.00	98.00
7240.74	21408.79	11200	10800	5.00	.10	14.00	12.00	95.00
7280.77	21407.82	11240	10800	3.00	.05	13.00	16.00	98.00
7320.80	21406.85	11280	10800	3.00	.05	29.00	27.00	81.00
7360.83	21405.87	11320	10800	15.00	.10	28.00	22.00	121.00
7400.85	21404.90	11360	10800	10.00	.05	15.00	16.00	71.00
7440.88	21403.93	11400	10800	20.00	.10	17.00	16.00	74.00
7480.91	21402.96	11440	10800	5.00	.10	19.00	23.00	62.00
7520.94	21401.98	11480	10800	3.00	.05	18.00	15.00	45.00
7560.97	21401.01	11520	10800	3.00	.10	16.00	20.00	68.00
7601.00	21400.04	11560	10800	10.00	.20	13.00	17.00	61.00
7641.03	21399.07	11600	10800	3.00	.05	9.00	14.00	41.00
7681.06	21398.10	11640	10800	5.00	.20	17.00	15.00	40.00
7721.09	21397.13	11680	10800	15.00	.10	11.00	15.00	38.00
7761.12	21396.15	11720	10800	3.00	.20	21.00	19.00	116.00
7801.14	21395.18	11760	10800	5.00	.05	17.00	17.00	53.00
7841.17	21394.21	11800	10800	3.00	.20	22.00	17.00	57.00
7881.20	21393.24	11840	10800	3.00	.10	7.00	17.00	24.00
7921.23	21392.27	11880	10800	5.00	.10	19.00	19.00	48.00
7961.26	21391.29	11920	10800	5.00	.10	17.00	19.00	69.00
8001.29	21390.32	11960	10800	3.00	.10	16.00	15.00	45.00
8041.32	21389.35	12000	10800	15.00	.10	18.00	16.00	59.00
8081.35	21388.38	12040	10800	3.00	.10	14.00	26.00	35.00
8121.38	21387.40	12080	10800	10.00	.10	19.00	18.00	86.00
8161.40	21386.43	12120	10800	10.00	.05	18.00	18.00	98.00
8201.43	21385.46	12160	10800	3.00	.05	14.00	10.00	99.00
8241.46	21384.49	12200	10800	15.00	.05	12.00	18.00	76.00
8281.49	21383.52	12240	10800	5.00	.05	9.00	15.00	80.00
8321.52	21382.54	12280	10800	5.00	.10	16.00	28.00	102.00
8361.55	21381.57	12320	10800	3.00	.50	52.00	75.00	146.00
8401.58	21380.60	12360	10800	3.00	.50	25.00	10.00	49.00
8441.61	21379.63	12400	10800	3.00	.50	21.00	52.00	113.00
8481.64	21378.66	12440	10800	3.00	.50	13.00	19.00	60.00
8521.67	21377.69	12480	10800	3.00	.50	10.00	17.00	65.00

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

Placer Data Analysis System - STATS

run on 90:04:24 at 9:53:44

NOBLE PROJECT 1989 SOUTHERN RECON GRID SOIL DATA

Summary of data from file : SR-89.UTM

This data file contains an internal header: (5 records)
Data grouped into 9 fields
with format: (2F10.2,2F8.0,5F10.2)

Character ID fields:

Coordinate fields:
XUTM YUTM EAST NRTH

Other data fields:
AU AG CU PB ZN

Missing data indicated by NULL value 99999.0

BASIC STATISTICS OF SELECTED DATA FIELDS:

NAME	NDATA	NULLS	MINIMUM	MAXIMUM	MEAN	STD. DEV.	GEOM. MEAN	DISPERSION	
AU	1315	0	3.00000	90.0000	9.12700	9.20566	6.75670	3.27635	13.9341
AG	1315	0	.000000	2.20000	.961978E-01	.123545	.752040E-01	.416737E-01	.135713
CU	1315	0	4.00000	143.000	21.2502	16.1163	17.7227	10.1110	31.0644
PB	1315	0	1.00000	597.000	23.3597	25.4813	20.2137	12.6874	32.2045
ZN	1315	0	24.0000	936.000	97.6411	59.9071	88.4400	58.9008	132.794

HISTO: NOBLE PROJECT 1989 SOUTHERN RECON GRID SOIL DATA RUN ON 90:04:24 AT 9:53:44

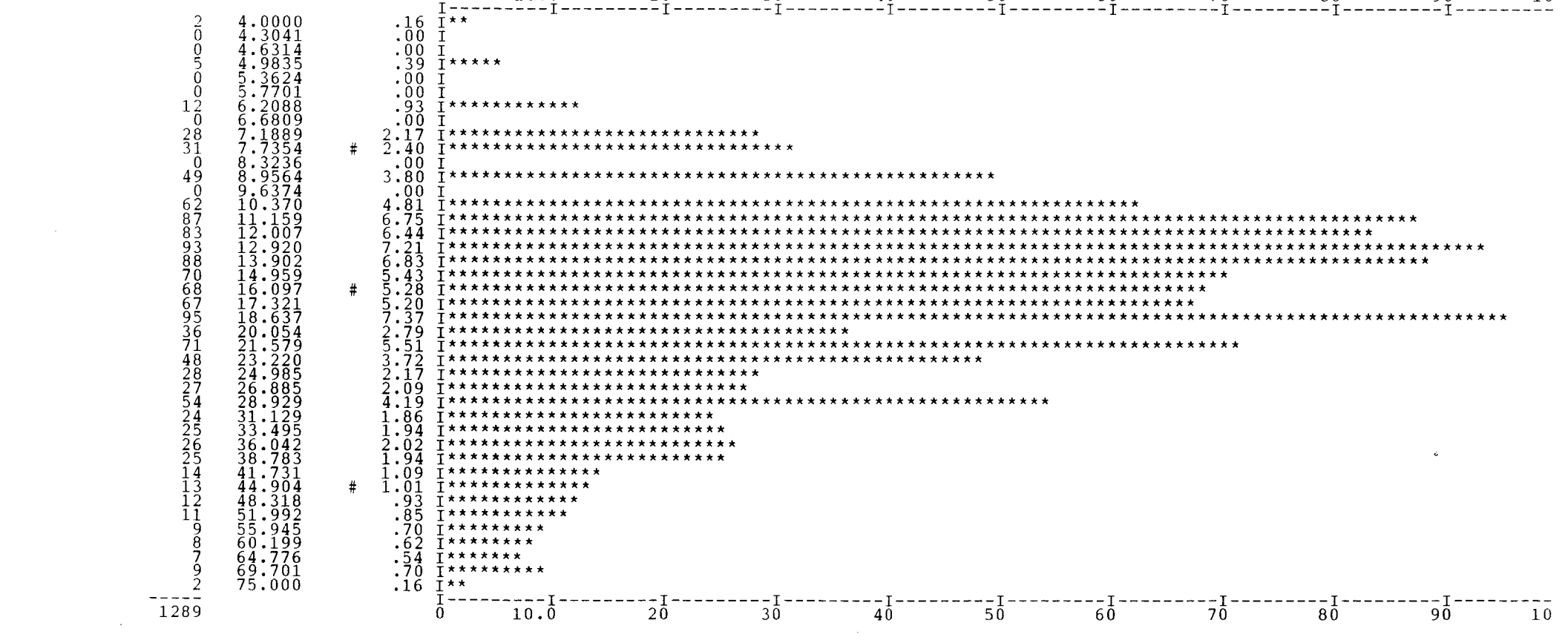
File: SR-89.UTM Field name: CU LOG = 1 REPVAL = .00100

1315 SAMPLES WITH CU MINIMUM: 4.00000 MAXIMUM: 143.000

1289 VALUES PLOTTED: 26 NOT IN RANGE 4.00000 to 75.0000

GEOMETRIC MEAN: 17.1312 DISPERSION: 10.2642 28.5921

SCALE OF HISTOGRAM IS 1.00 COUNTS /PRINT POSITION # = 5,50,95%



HISTO: NOBLE PROJECT 1989 SOUTHERN RECON GRID SOIL DATA RUN ON 90:04:24 AT 9:53:44

File: SR-89.UTM Field name: PB LOG = 1 REPVAL = .00100

1315 SAMPLES WITH PB MINIMUM: 1.00000 MAXIMUM: 597.000

1277 VALUES PLOTTED: 38 NOT IN RANGE 7.00000 to 60.0000

GEOMETRIC MEAN: 19.7410 DISPERSION: 13.8008 28.2379

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

N	MIDPOINT	PERCENT	0 20 40 60 80 100 120 140 160 180 20
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
4	7.0000	.31	I**
0	7.3863	.00	I
7	7.7938	.55	I****
0	8.2239	.00	I
0	8.6777	.00	I
14	9.1565	1.10	I*******
0	9.6618	.00	I
17	10.195	1.33	I*********
27	10.757	# 2.11	I**************
0	11.351	.00	I
46	11.977	3.60	I************************
0	12.638	.00	I
46	13.336	3.60	I************************
62	14.071	4.86	I********************************
82	14.848	6.42	I**
88	15.667	6.89	I**
0	16.532	.00	I
80	17.444	6.26	I**
93	18.407	7.28	I**
104	19.422	# 8.14	I**
128	20.494	10.02	I**
64	21.625	5.01	I**********************************
51	22.818	3.99	I**************************
41	24.077	3.21	I**********************
84	25.406	6.58	I**
28	26.807	2.19	I**************
50	28.287	3.92	I**************************
15	29.848	1.17	I********
30	31.494	2.35	I***************
28	33.232	2.19	I**************
16	35.066	1.25	I********
17	37.001	# 1.33	I*********
11	39.043	.86	I******
9	41.197	.70	I*****
7	43.470	.55	I****
9	45.869	.70	I*****
1	48.400	.08	I*
8	51.071	.63	I****
7	53.889	.55	I****
2	56.862	.16	I*
1	60.000	.08	I*
-----			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1277			0 20 40 60 80 100 120 140 160 180 20

HISTO: NOBLE PROJECT 1989 SOUTHERN RECON GRID SOIL DATA RUN ON 90:04:24 AT 9:53:44

File: SR-89.UTM Field name: ZN LOG = 1 REPVAL = .00100

1315 SAMPLES WITH ZN MINIMUM: 24.0000 MAXIMUM: 936.000

1281 VALUES PLOTTED: 34 NOT IN RANGE 37.0000 to 300.000

GEOMETRIC MEAN: 86.8812 DISPERSION: 61.6312 122.476

SCALE OF HISTOGRAM IS 1.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0 10.0 20 30 40 50 60 70 80 90 10
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
2	37.000	.16	I**
5	38.987	.39	I*****
14	41.082	1.09	I**************
3	43.288	.23	I***
9	45.614	.70	I*********
12	48.064	.94	I************
18	50.645	1.41	I******************
38	53.366	# 2.97	I**************************************
30	56.232	2.34	I*****************************
37	59.253	2.89	I************************************
69	62.435	5.39	I***
53	65.789	4.14	I***
76	69.323	5.93	I**
62	73.047	4.84	I**
98	76.970	7.65	I***
82	81.105	6.40	I**
75	85.461	# 5.85	I**
79	90.052	6.17	I**
80	94.889	6.25	I***
77	99.986	6.01	I**
77	105.36	6.01	I**
54	111.02	4.22	I**
39	116.98	3.04	I**************************************
40	123.26	3.12	I***************************************
27	129.88	2.11	I***************************
17	136.86	1.33	I*****************
19	144.21	1.48	I*******************
14	151.96	1.09	I**************
15	160.12	# 1.17	I***************
16	168.72	1.25	I****************
6	177.78	.47	I******
7	187.33	.55	I*******
5	197.40	.39	I*****
3	208.00	.23	I***
3	219.17	.23	I***
8	230.94	.62	I********
3	243.35	.23	I***
4	256.42	.31	I****
1	270.19	.08	I*
3	284.71	.23	I***
1	300.00	.08	I*
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1281			0 10.0 20 30 40 50 60 70 80 90 10

HISTO: NOBLE PROJECT 1989 SOUTHERN RECON GRID SOIL DATA RUN ON 90:04:24 AT 9:53:44

File: SR-89.UTM Field name: AG LOG = 1 REPVAL = .00100

1315 SAMPLES WITH AG MINIMUM: .000000 MAXIMUM: 2.20000

1289 VALUES PLOTTED: 26 NOT IN RANGE .500000E-01 to .350000

GEOMETRIC MEAN: .723509E-01 DISPERSION: .441544E-01 .118553

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

N	MIDPOINT	PERCENT	0 100 200 300 400 500 600 700 800 900 100
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
754	.50000E-01	# 58.49	I**********
0	.52493E-01	.00	I
0	.55109E-01	.00	I
0	.57857E-01	.00	I
0	.60741E-01	.00	I
0	.63769E-01	.00	I
0	.66948E-01	.00	I
0	.70285E-01	.00	I
0	.73789E-01	.00	I
0	.77467E-01	.00	I
0	.81329E-01	.00	I
0	.85383E-01	.00	I
0	.89640E-01	.00	I
0	.94108E-01	.00	I
401	.98799E-01	31.11	I**********
0	.10372	.00	I
0	.10890	.00	I
0	.11432	.00	I
0	.12002	.00	I
0	.12601	.00	I
0	.13229	.00	I
0	.13888	.00	I
0	.14581	.00	I
0	.15307	.00	I
0	.16070	.00	I
0	.16872	.00	I
0	.17713	.00	I
0	.18596	.00	I
103	.19523	# 7.99	I**********
0	.20496	.00	I
0	.21518	.00	I
0	.22590	.00	I
0	.23716	.00	I
0	.24899	.00	I
0	.26140	.00	I
0	.27443	.00	I
0	.28811	.00	I
31	.30247	2.40	I***
0	.31755	.00	I
0	.33338	.00	I
0	.35000	.00	I
			I---------I---------I---------I---------I---------I---------I---------I---------I---------I---------
1289			0 100 200 300 400 500 600 700 800 900 100

HISTO: NOBLE PROJECT 1989 SOUTHERN RECON GRID SOIL DATA RUN ON 90:04:24 AT 9:53:44

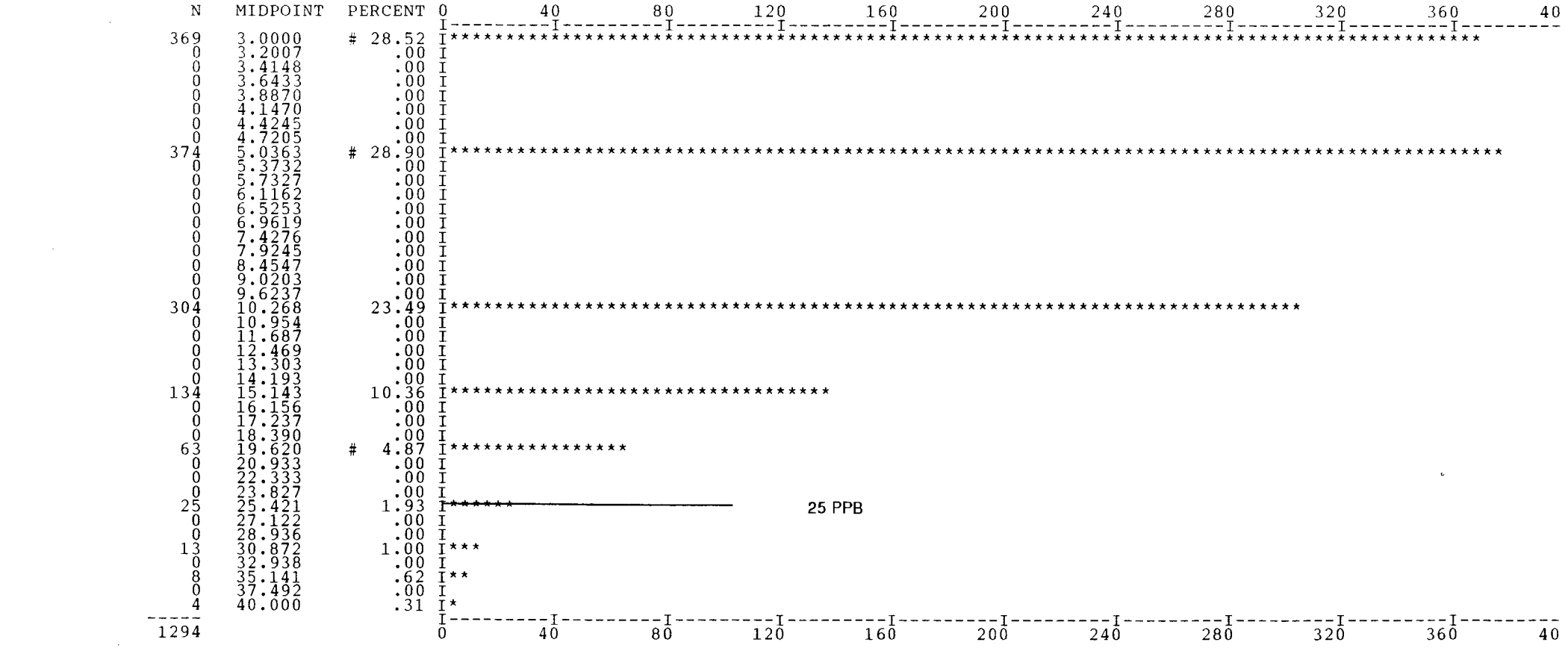
File: SR-89.UTM Field name: AU LOG = 1 REPVAL = .00100

1315 SAMPLES WITH AU MINIMUM: 3.00000 MAXIMUM: 90.0000

1294 VALUES PLOTTED: 21 NOT IN RANGE 3.00000 to 40.0000

GEOMETRIC MEAN: 6.52358 DISPERSION: 3.32423 12.8021

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



CORMAT: RUN ON 90:04:24 AT 9:53:44

Data from file: SR-89.UTM

NOBLE PROJECT 1989 SOUTHERN RECON GRID SOIL DATA

Correlation matrix for 1315 records with 5 variables

LOG:	AU 0	AG 0	CU 0	PB 0	ZN 0
AU	1.000	.151	.153	.053	.022
AG	.151	1.000	.266	.337	.151
CU	.153	.266	1.000	.312	.260
PB	.053	.337	.312	1.000	.340
ZN	.022	.151	.260	.340	1.000

Number of data pairs contributing to correlation

	AU	AG	CU	PB	ZN
AU	1315	1315	1315	1315	1315
AG	1315	1315	1315	1315	1315
CU	1315	1315	1315	1315	1315
PB	1315	1315	1315	1315	1315
ZN	1315	1315	1315	1315	1315