REPORT ON 1991 GEOLOGICAL, GEOCHEMICAL, INDUCED POLARIZATION SURVEYS AND DIAMOND DRILLING PROGRAM

COL CLAIM GROUP

Omineca Mining Division

Latitude: 55 deg. 15 min.
Longitude: 124 deg. 45 min.

NTS: 93N/2,7

by

John Nebocat

October 31, 1991

Owner: Colin J. Campbell

Operator: Kookaburra Gold Corp.

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SUMMARY

A two phase exploration program was conducted on the Col Project between June 15 and September 25, 1991.

The first phase involved line-cutting, soil sampling, geologic mapping and induced polarization surveying. The existing IP and copper geochem anomalies found on the Central Grid in 1989 were delineated and extended onto the new East Grid established in 1991. Copper and arsenic soil anomalies occur on both grids, but gold levels are quite low. Very high IP values on the East Grid are caused by a pyritic hornfels, but no signs of economic mineralization were noted.

The second phase was a 5000 foot diamond drilling program that tested the broad, overburden covered IP/copper geochem anomaly underlying the Central Grid. Eleven holes were drilled on eleven sites. The results were generally dissappointing; a large shattered zone of intensely chloritized syenite and monzonite, containing no more than about 1% disseminated pyrite, was encountered in all holes. Copper mineralization occurs over narrow widths accompanied by intense potassic alteration; the best interval averaged 0.50% Cu over 20 feet.

The chlorite suggests that this is a propylitic zone peripheral to a porphyry deposit, and the best copper mineralization occurs with potassic alteration. Potash metasomatism, along with copper mineralization, seems to increase west of the area drilled in 1991. A reconnaissance IP survey is proposed west of the "A Zone", which contains in excess of 2 million tons grading 0.6% Cu, to explore for the centre of mineralization suggested to occur in this direction.

INTRODUCTION

The **Col Claim Group** is situated approximately 108 km north of the town of Fort St. James, B.C. The property sits along the southern flank of the Swannell Range, about 5 km north of the west end of Chuchi Lake, and is centered at the junction of NTS map sheets 93N/2 and 93N/7.

Access is via the "North" road from Fort St. James to the Germansen-Indata Forest Service road, a distance of about 110 km. From here the property is reached over a 32 km, secondary logging road and a 13 km four-wheel-drive road.

The bulk of the property lies on a moderate, southerly facing, east-west trending slope, but the northern portion is underlain by steeper terrain: relief is in the order of 600 m, ranging from 950 m to 1550 m above sea level.

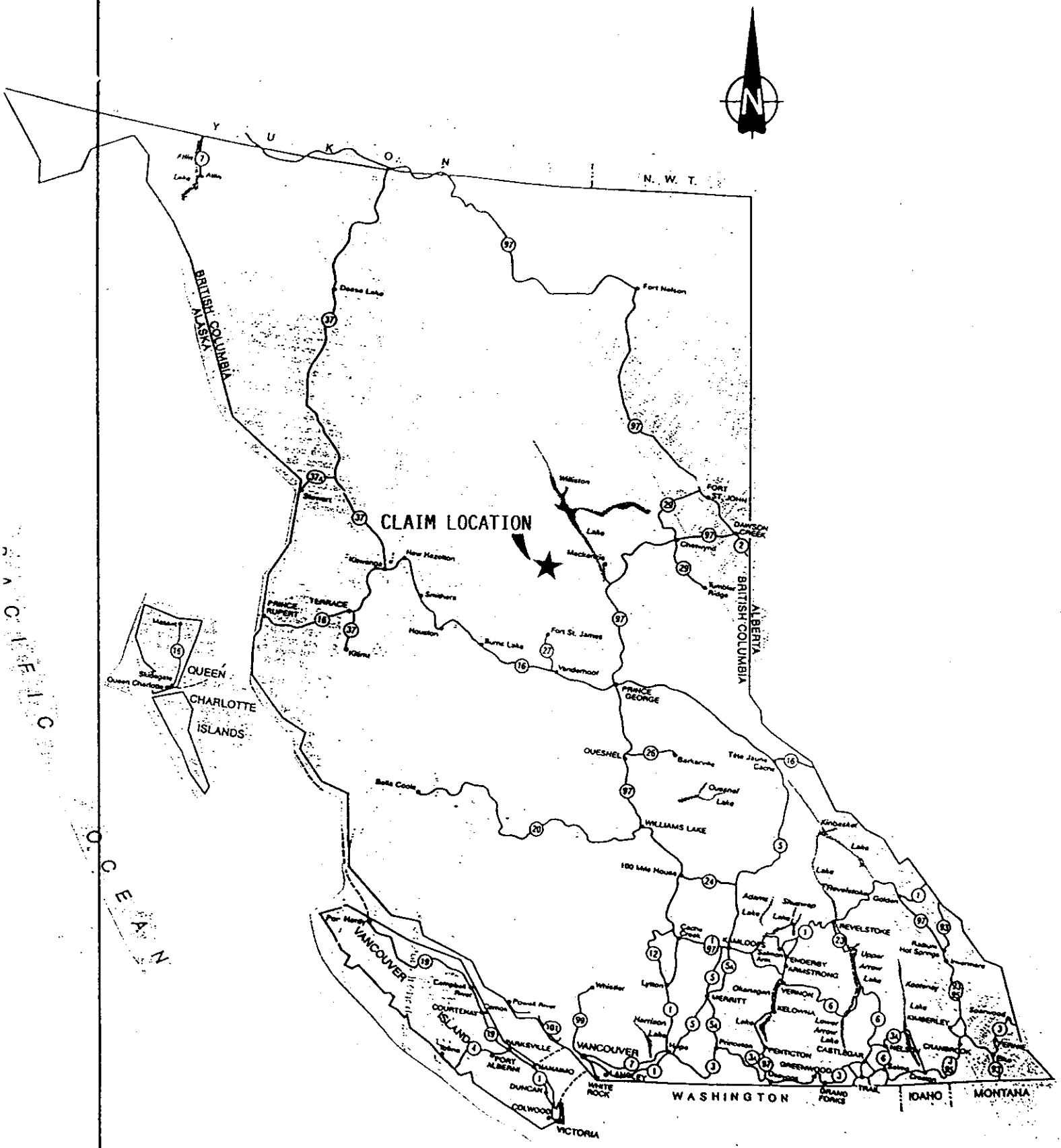
Copper showings were discovered by Colin Campbell in 1969 following a stream sediment survey. The property was optioned to Falconbridge Nickel Mines Ltd. in 1970 who explored the property until 1972; Mr. Campbell has held the claims since that time. The property was optioned by Kookaburra Gold Corp. in 1988 who explored it during 1988 and 1989; in 1991 Kookaburra Gold Corp. entered into a joint venture with ASARCO Incorporated to further explore the Col property.

Falconbridge performed soil geochemical, magnetic, induced polarization and VLF-EM surveys. A total of 7741 feet (2360 m) of X-ray, AQ and BQ size diamond drilling was conducted in 32 holes during 1971 and 1972. The property was explored as a Cu-Mo porphyry deposit, and gold analyses were not done at that time. Broad Cu and Mo soil geochem anomalies were found as well as numerous IP "metal factor" anomalies on what is now called the **West Grid**. One IP anomaly, the **A Zone**, contains a minimum 2 million tons grading 0.6% Cu. Following a dissappointing drill program in 1972, to test IP anomalies southeast of the **A Zone**, the property was returned to the owner.

In 1984 Campbell sampled a number of 10 foot intervals of the old drill core for gold. The results showed the presence of anomalous gold: values up to 2.17 g/t (0.063 oz/s.ton) were obtained over 10 foot lengths. A correlation between anomalous Au values and Cu values greater than 0.5% is suggested.

Samples collected from the discovery trench by an independant consultant in 1987 yielded a 12 foot width that averaged 2.2 ppm Au and 3.16% Cu. Values of up to 1.68% Cu and 1.4 ppm Au were also obtained from drill core over widths up to 10 feet.

In 1988 Kookaburra Gold Corp. optioned the Col property and re-established the central portion of the old Falconbridge grid. Twenty-three line-kilometers of grid were located and 878 soil samples were collected. After the old drill core was examined, it was felt that the **A Zone** represented satellitic mineralization and that the centre of mineralization should lie to the east.



0 100 200 KM

1:7,150,000 approx.

KOOKABURRA GOLD CORP.
INDEX MAP **COL CLAIM GROUP**
Date: OCT. 31/91 Fig. 1

A 7 km access road was built in late summer linking the nearest logging road with an old tote road built by Falconbridge in 1971. The tote road accesses the camp from the west end of Chuchi Lake.

A 300 km airborne magnetic and VLF-EM survey was flown in May, 1989 followed by a 490 meter excavator trenching program to test gold-copper-arsenic soil anomalies found in 1988. One hundred and sixteen rock samples were collected and analyzed from 9 trenches. Copper and gold values, though anomalous, were subeconomic and approximated the values obtained in the soil samples (mostly "C" horizon).

A new grid was established east of and contiguous with the old Falconbridge/Kookaburra grid. A total of 27.2 km of line was cut to IP standards, and 22.4 km of pole-dipole IP survey were performed. A broad IP anomaly, open to the east, was discovered. Limited soil sampling yielded highly anomalous copper values partially coincidental with the IP, although some of them appear to be glacially transported from the IP anomalies.

No work was done on the property in 1990.

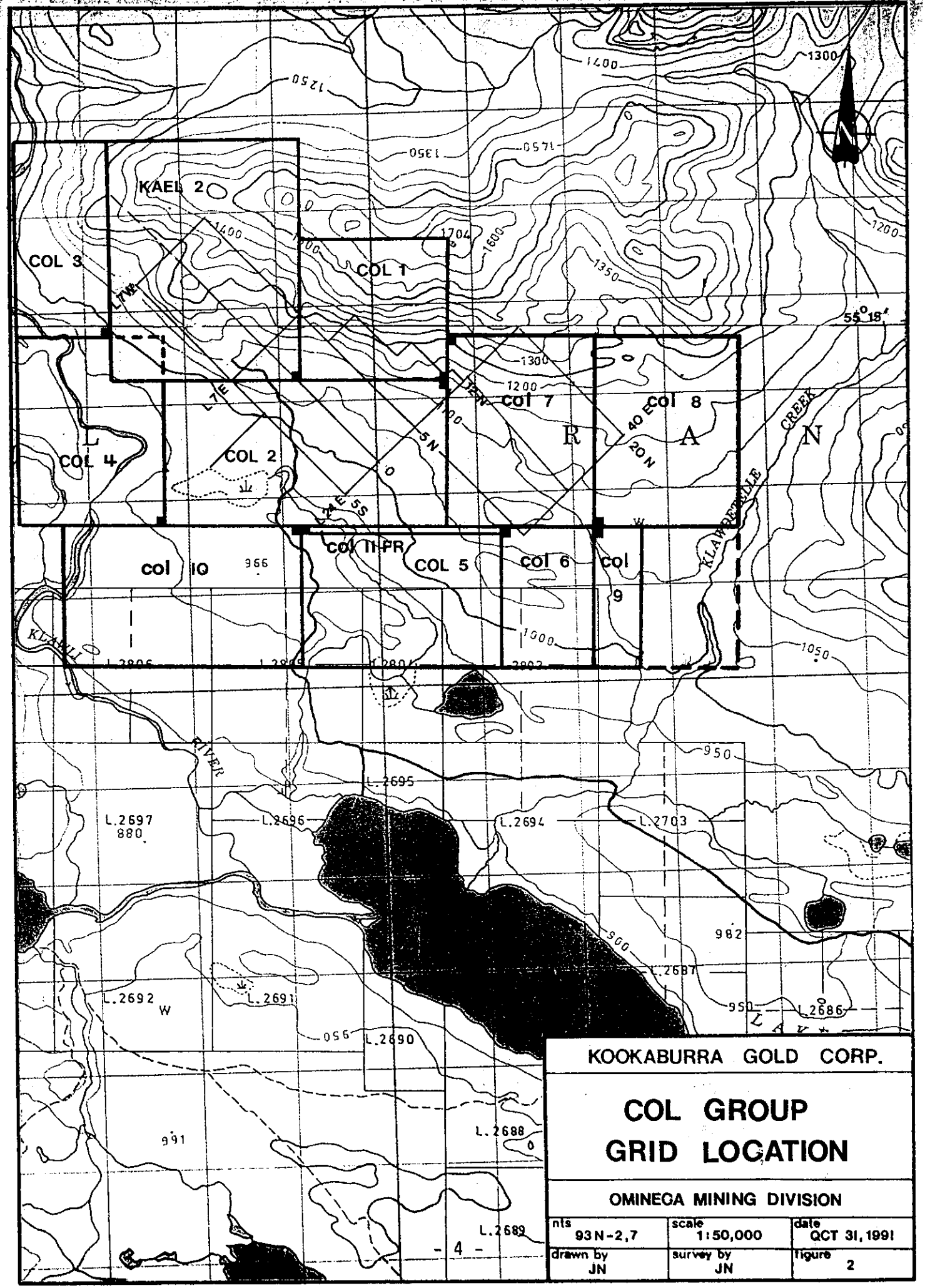
During 1991, grid lines totalling 32.7 km were cut on the **Central** and **East Grids** which were subsequently surveyed with IP, mapped and soil sampled. A total of 1240 soil, 22 silt and 4 rock samples were collected from both grids.

A 5000 foot (1524 m) diamond drilling program was done on the **Central Grid** in September, 1991 to test the IP and Cu geochem anomalies found in 1989 and 1991. Eleven angle holes were drilled in eleven sites and 374 core samples were collected.

The following table shows the present claim status.

Table 1. Claim Status

Claim	Units	Record No.	Record Date	Expiry Date
Kael #2	20	6531	Sept. 28/84	Sept. 28/98
Col #1	9	8651	Aug. 5/87	Aug. 5/98
Col #2	18	8652	Aug. 5/87	Aug. 5/98
Col #3	8	9487	June 21/88	June 21/92
Col #4	12	9571	July 20/88	July 20/92
Col #5	12	9824	Sept. 17/90	Sept. 17/92
Col #6	6	10879	July 14/89	July 14/92
Col #7	12	10696	Oct. 9/89	Oct. 9/92
Col #8	16	11893	May 10/90	May 10/94
Col #9	16	13269	May 17/91	May 17/92
Col #10	15	302726	July 24/91	July 24/92
Col #11 FR.	1[illegible]	304698	Sept. 25/91	Sept. 25/92



KOOKABURRA GOLD CORP.

COL GROUP
GRID LOCATION

OMINECA MINING DIVISION

nts	scale	date
93N-2,7	1:50,000	OCT 31, 1991
drawn by	survey by	figure
JN	JN	2

PHASE I PROGRAM

A program of soil sampling, IP surveying and geologic mapping was done on the grid established in 1989 (**Central Grid**) to delineate the IP and copper-in-soil anomalies found that year.

The **Central Grid** IP anomaly was open to the east, and a silt sample collected late in 1989 from a small stream draining the eastern boundary of the property yielde highly anomalous copper and arsenic values. The grid was, therefore, extended eastward (**East Grid**) to include this geochem anomaly.

Some limited mapping was also done north of the grids in the Takla Group volcanics and sediments.

The old Falconbridge/Kookaburra grid (**West Grid**) was partially remapped to correlate the old map units with those used by us.

CENTRAL GRID

The largest IP anomaly found in 1989 occurs under the northern tie-line and the extension lines which run northeast from it at 200 m intervals. Lines at 100 m spacing were located between the extension lines to delineate the anomaly.

In 1989, soil samples were collected from only the extension lines, the northern tie-line and from two crosslines. The presence of anomalous Cu, plus some Au and As, demonstrated that the soil was suitable for sampling. The in-filled extension lines plus the remaining cross lines between L1100E and L2300E were sampled from approximately the baseline to 500 N; heavy glacial-fluvial outwash occurs throughout much of the southern part of the grid and masks the geochemically responsive soil beneath it.

The area between the baseline and the northern tie-line contains no outcrop, and only a minor amount of bedrock was found on the new extension lines.

Geology

The geology of the **Central Grid** (formerly called Southeast Grid, Nebocat & Rotherham, 1990) is shown on Map 1 at 1:2500 scale.

The dominant rock type is a fine to medium grained, porphyritic biotite syenite which locally contains phenocrysts of plagioclase 1/2 to 1 cm long. The phenocrysts are commonly saussaritized. Dykes of aplite and fine grained, holocrystalline kspar syenite, pegmatite and minor quartz veins are seen intruding this unit. Generally, alteration is fairly weak in hand specimens, but some potassic alteration is evident by pink, healed fracture selvages and some secondary biotite. The rock, on the whole, is fairly competent and felt to be a late phase intrusion.

A grey-black, fine to medium grained hornblende/biotite diorite outcrops between lines 1700E and 2000E near the northeast ends of the lines.

This unit contains visible disseminated pyrite and abundant limonite on fractures, presumably after pyrite; the rock is recessive weathering. Where the diorite is intruded by syenite it has a foliated texture parallel to the intrusive contact, and biotite replaces hornblende as the dominant mafic constituent of the unit.

At the ends of lines 1700E and 1800E the diorite appears to be in contact with volcanics, or volcaniclastics, which it has hornfelsed. Fine pyrite and pyrrhotite is visible.

Some propylitized volcanics and volcaniclastics outcrop at the end of line 1100E. Epidote and albite replacements occur in fractures in andesitic volcanics and in breccia clasts. An old talus fan, with its source material derived from cliffs that outcrop between 500 m and 1000 m north of the tie-line, extends into gentle terrain between the tie-line and station 200N between lines 1400E and 1500E. This debris is extensively covered in moss, soil and trees and is probably the result of a rapid deposition in post-glacial time.

Faulting is suggested throughout from evidence seen in the airborne magnetic survey, IP survey, aerial photographs and topographic features. No clear slickenside features are seen, but strong cleavages in the syenite near the western end of the northern tie-line are parallel to a major structural trend (010 AZ.) seen in the area; a right-lateral fault has offset the skarn altered volcanics to the east from biotite syenite to the west (see Map 10, Regional Geology). The trenching program done in 1989 has confirmed the presence of some of these structures. In addition, an east-west fault located just north of the extension lines separates hornfels and diorite from unaltered porphyritic andesite.

A highly chloritized syenite was encountered in all drillholes between lines 1000E and 1800E. The rock is extremely broken and as a result is recessive weathering. The biotite syenite which outcrops on the extension lines looks very similar except for the lack of chlorite alteration and the competence of the rock. Whether this is an intrusive or fault type of contact is not certain, but the latter interpretation is favoured. The section of this report dealing with the drilling program will go into more details on geology, mineralization and alteration.

Geochemistry

The additional extension lines and the crosslines between the baseline and the northern tie-line that were not sampled in 1989 were soil sampled and analyzed for gold and for 30 elements by multi-element ICP. Three hundred and forty-one soil and eight silt samples were collected from the ***Central Grid.***

The soil and silt samples were collected using shovels and stainless steel trowels from an average depth of 30 cm. In a few places the "B horizon" could not be penetrated, but this was rare. All soil and silt samples were collected in kraft paper envelopes and dried.

The samples were analyzed by International Plasma Laboratories Ltd., Vancouver, B.C.

Again, as in the 1989 survey, only Cu, As and Au yielded any significant anomalies.

Silt samples were collected in duplicate as checks on reproducibility; for the most part the checks were very good.

Copper

A broad anomalous area exists between L1000E and L2400E and extends into the **East Grid** (discussed later). The anomaly is up to 500 m wide and over 1700 m long in an east-west direction. This anomaly coincides with a broad IP chargeability anomaly (>7.5 msec) of similar dimensions.

Thirteen samples exceeded 1000 ppm Cu, but few were more than single station anomalies. A zone of five samples exceeding this threshold occurs between L1600E x 600N and L1800E x 700N. The average anomalous value, by visual inspection, is in the order of 350 ppm - 400 ppm Cu.

These anomalies are, like those found in 1989, overburden covered and believed to be slightly glacially transported from west to east: strong geochem anomalies lie down-ice from the strongest IP anomalies, sometimes entirely outside them. Note also on the geology map (Map 1) that the gap in Cu anomalies between the two creeks on lines 1300E and 1600E lies east of the talus fan and not over it.

Gold

Only 13 samples on the **Central Grid** yielded anomalous (>15 ppb) levels of gold. The anomalies are randomly distributed, and only two of them are adjacent samples. The highest value of 60 ppb on L1700E X 650N is also the site of the highest copper anomaly--3855 ppm Cu.

Due to the lack of Au anomalies here, relative to the old Falconbridge/Kookaburra grid (**West Grid**), a correlation between gold and copper anomalies cannot be made, except to say that the concentration of anomalous gold values relative to copper appears to have diminished.

Arsenic

The arsenic values on the grid are also relatively low with anomalies (>30 ppm) being, like with gold, mostly single stations sites. Only one As anomaly is coincident with a Au anomaly (31 ppm As, 15 ppb Au); however, considering the low levels of these numbers, one could say that no correlation between gold and arsenic occurs on the **Central Grid.**
One highly anomalous region, found in 1989 along the eastern end of the north tie-line, yielded six soil samples and two silt samples, taken from a stream draining this area, with values up to 93 ppm As and 62 ppm As in soil and silt, respectively. The 1991 sampling program produced values in soils up to 286 ppm As; two check silt samples taken from a tributary of the anomalous creek ran 416 ppm and 426 ppm As along L2400E. A "spotty" pattern of arsenic soil anomalies appears to be

emerging along the creeks draining the eastern margin of the **Central Grid** and could reflect an arsenic-bearing source along the creekbed, perhaps a mineralized fault, shear zone or dyke(s).

EAST GRID

In October, 1989, while the **Col #7** claim was being staked to protect the **Central Grid** IP anomaly, which was open to the east, a silt sample was taken from a small stream draining the eastern boundary of the property; it ran 607 ppm Cu and 101 ppm As. This highly anomalous sample, the open-ended IP anomaly and some gradient magnetic anomalies suggested that this untested part of the property held great potential to significantly increase the size of the existing porphyry targets.

A 30.3 line-kilometer grid consisting of seventeen 1.5 km crosslines and three 1.6 km base and tie lines was established. The southwest corner, L2400E x 500N, is the origin and is contiguous with the northeast corner of the **Central Grid.**

A total of 899 soil, 14 silt and 4 rock samples was collected from the **East Grid** in 1991. Samples were collected at 25 m intervals along lines spaced 100 m apart. The geology was mapped and compiled at 1:2500 scale.

Geology

A major east-west fault appears to be a demarcation between volcanics, sediments and several small, high level intrusions of the ***Takla Group*** occupying the northern quarter of the grid and predominantly coarse grained, syenitic intrusions south of this break. A broad, arcuate fault appears to bound the western extent of these intrusions from the fine to medium grained biotite syenite found on the **Central Grid** a few hundred meters to the west.

The ***Takla Group*** lithology changes dramatically from that seen on and north of the extension lines of the **Central Grid** (see Map 10, Regional Geology): dominantly green to grey, massive to slightly brecciated, plagioclase and plagioclase-hornblende andesite found above the **Central Grid** is now replaced by thin bedded ash and crystal tuff (magnetic), siltstone, shale, fine grained monzonite to diorite dykes and plugs, agglomerate and some porphyritic, green auto-brecciated flows. In addition, these sediments, as well as the monzonite dykes, have been extensively hornfelsed and pyritized. Generally the rock contains only 0.5% to 1% disseminated pyrite and/or pyrrhotite, but some areas contain up to 3% to 5% disseminated and fracture coated sulphides.

The tuffs and sediments have been well hornfelsed which decreases in intensity going uphill to the north; since the change is gradational, only an approximate contact is attempted. The sediments are generally fine grained and thinly bedded, less than 1 cm thick laminae. The attitudes of the strata are fairly consistent, trending NE-SW with moderate dips to the SE. An interesting feature of the crystal tuffs is their similarity in appearance to the fine grained monzonite dykes on fresh surfaces. The tuff is frequently quite magnetic and has a "salt

and pepper" texture; only when bedding is visible on weathered surfaces are the two distinguishable. It is possible that the tuffs and high level intrusions are co-magmatic.

Green, auto-brecciated flows of plagioclase-hornblende andesite/basalt appear to be intercalated within the sediments, but the exact relationship is only speculative, based on the trend of the underlying sediments. These lavas somewhat resemble the volcanics north of the **Central Grid**, but they tend to contain less feldspar. These flows are also quite magnetic.

A polylithic agglomerate outcrops in three locations between lines 2700E and 3100E. The matrix is generally grey to maroon in colour and contains several volcanic types ranging from lapilli size to several cms. in diameter. A large outcropping of this unit (not fully mapped) occurs west of the grid, but its stratigraphic relationship is not certain, partly due to faulted offsets.

The central part of the grid is underlain by a megacrystic syenite porphyry. Grey kspar laths, probably orthoclase, are abundant throughout this unit; the balance consists of pink kspar, plagioclase and biotite. The phenocrysts are generally about 3 cm long, but crystals in excess of 5 cm length are common. This unit is massive and blocky weathering; no significant alteration is seen within it nor are there any sulphides in more than trace amounts. Aplite, microsyenite and pegmatite dykes cut this unit in various locations. Some potassic alteration accompanies the dykes as well as minor quartz, chlorite and magnetite; the dykes trend roughly 130 AZ. and have steep to vertical dips.

The lack of sulphides, alteration and gradational zoning within this very coarse grained unit belies this to be the source of the hornfels and sulphide found in the ***Takla Group*** sediments and volcanics which outcrop less than 300 m to the north. An east-west fault, as mentioned previously, seems likely to occur between the two formations.

In the southern corner of the grid occurs a dark grey to black, biotite-hornblende syenite. This unit is also coarse grained but not quite as coarse as the porphyritic unit to the north. The bulk of the matrix is a dark grey potash feldspar which is commonly zoned (grey with pink rims) and locally pegmatitic with laths up to 5 cm in length. This feldspar looks very similar to the phenocrysts found in the megacrystic syenite. Biotite, and some hornblende, make up the mafic component of the rock; in places the mafics constitute up to 50% of the rock matrix. Biotite books up to 2 cm across are seen in a few places.

Several small dykes of aplite, microsyenite and pegmatite intrude both the megacrystic and melanocratic syenites; the trend of the dykes is generally NW-SE with steep to vertical dips.

These three units are believed to be all phases of the "***Chuchi Syenite***" suite (Ministry of Mines, Energy & Petroleum Resources, pers. comm.) No economic mineralization was seen accompanying the dyke units, but minor potash metasomatism occurs adjacent to its contacts with the coarse

grained units. With the exception of a few isolated fractures containing limonite, no suggestions of sulphide mineralization were noted.

The very coarse grained nature of the larger syenitic phases suggests that they are deep-seated stocks unlike those found on the **Central** and **West Grids.**

Geochemistry

Soil samples were collected at 25 m intervals along grid lines located 100 m apart. All samples were analyzed for gold by fire assay/atomic absorbtion and for 30 elements by multi-element ICP techniques. Here, just like in the grid to the west, the only elements that show any enrichment and/or correlation are Cu and As. Gold anomalies are few, generally single sample sites.

Copper

Copper anomalies occur in two major areas: one north of the 1250N tie-line, the other south of it; both anomalous areas end abruptly around line 3000E.

The northern zone contains two areas with values up to 2443 ppm and 2885 ppm Cu, but the average is probably between 300 ppm and 500 ppm Cu. These are the highest values on the grid and come from adjacent sites. The area is underlain by a small agglomerate outcrop separated from hornfels by an east-west trending bench-terrace. No economic sulphides were noted in these outcrops during mapping.

The southerly zone contains six samples running in excess of 1000 ppm Cu. They are contained within an area 600 m long by 150 m wide that averages greater than 500 ppm Cu. Little outcrop occurs here between lines 2400E and 3000E, but some small outcrops, or subcrops, of diorite and hornfels contain fairly high pyrite and pyrrhotite along L2500E and L2900E, respectively. A rock sample taken of the pyritic diorite/monzonite yielded only 171 ppm Cu, but a soil sample taken at this site ran 1158 ppm Cu. Considerable limonitic soil is admixed with the rock in this area suggesting that sulphide-coated fractures may be weathered out. A soil sample taken just downslope from the hornfels on L2900E ran 753 ppm Cu; between 3% and 5% disseminated and fracture coated pyrite is seen at this site.

The anomalies south of the tie line and west of L3000E occur as two semi-circular lobes separated by a line of sub-anomalous values along L2600E. These anomalies are not as intense as the ones north of the tie-line; the highest value obtained was 1119 ppm Cu. No outcrop underlies these anomalies.

An explanation for these copper anomalies is not yet attainable. It is possible that porphyry style mineralization could account for some of the anomalies, but the lack of economic mineralization, or at least indications of it, in the few outcrops that underly the anomalies is disconcerting. It must be pointed out that some of the glacial terraces

north of the 1250N tie-line occur at major breaks-in-slope and may represent a fault, or faults, parallel to the east-west structure which separates the ***Takla Group*** from the ***Chuchi Syenite*** suite. An outcrop of andesite immediately above an east-west trending gulley between lines 2700E and 2800E contains slickensides that trend 080/67 north. It is possible that mineralized dykes, veins or disseminations may exist within or adjacent to such structures. Similarly, a broad arcuate fault is suggested between lines 2800E and 2900E extending from just above the tie-line to about 700N on L2800E; anomalous geochemistry is truncated by this structure to the west from the coarse grained, barren, megacrystic syenite to the east. This structure is evident on aerial photographs and seems to parallel one near L2300E on the **Central Grid.**

A few spotty anomalies occur elsewhere on the grid, but these are mostly single station sites. One sample at L4000E x 775N ran 1044 ppm Cu; soil in this area is slightly rusty coloured but no mineralization was observed.

Arsenic

Extremely anomalous As levels occur in a broad zone from the north corner of the grid (L2400E x 2000N) to the baseline (L3000E x 550N). Seven samples exceeded 1000 ppm As, the highest ran 5136 ppm.

North of the tie-line the arsenic anomalies are concentrated mainly on lines 2400E and 2500E and diminish rapidly eastwards. It is interesting that the As is not coincidental with the Cu anomalies here and that As values are more widespread along the 2000N tie-line in an east-west direction.

South of the 1250N tie-line the As anomaly is roughly coincidental with the eastern lobe of the Cu anomaly described previously; the area of the western lobe contains no As anomalies.

A rock sample (#01353) collected from the sulphide rich diorite/monzonite at station L2500E x 1425N, which ran 5136 ppm As and 1158 ppm Cu in soil, yielded only 11 ppm As and 171 ppm Cu; however, two samples taken from pyritic hornfels and microdiorite on L2400E assayed 340 ppm As, 58 ppm Cu and 181 ppm As, 69 ppm Cu, respectively. Soil samples near these sites yielded 793 ppm and 1275 ppm As, respectively. It seems that what has emplaced the sulphides in the hornfels, perhaps the sulphide-bearing microdiorite dykes and plugs, may be arsenical, but this does not explain the 0.5% As value in the soil admixed with the highly pyritized monzonite/diorite however. This intrusive is slightly coarser grained and may be a border phase of the ***Hogem Batholith***, perhaps not genetically linked to the dykes across the major fault believed to occur just north from here.

It is interesting to note that where soils collected over the andesite breccia and agglomerate between L2600E and L3200E are not anomalous, yet a selvege of hornfels and microdiorite between them, which may in part be faulted into place, yields anomalous values. This again suggests a relationship between the hornfels/diorite suite and elevated As levels.

The anomaly south of the 1250N line occurs close to a pair of creeks which are believed to be underlain by the arcuate fault that separates the As and Cu anomalies from the barren megacrystic syenite found immediately to the east. Highly anomalous values occur in soils collected close to one of these creeks along the 1250N tie-line between L2500E and L2700E. It is possible that some of these values could be alluvial concentrations derived from sources uphill, however, the head of this creek drains the projected trace of a major east-west fault. It is likely that the southern anomaly is related to some source in the fault similar to what is seen in the creek/fault along L2300E, but the possibility that part of the anomaly is hydromorphic must be considered.

Gold

Gold anomalies are similar to those found on the **Central Grid:** mostly single stations just above the threshold level (15 ppb). Only 44 samples exceeded this level with the highest value being 45 ppb.

No apparent pattern or correlation with other elements is evident; the anomalies are scattered randomly about the grid, underlain by all rock types. This, plus the low levels of the "anomalous" samples suggest that these are statistical anomalies and do not reflect any concentrations in gold levels.

WEST GRID

The portion of the old Falconbridge grid which was trenched by Kookaburra in 1989 was remapped in detail to help interpret the geology, geochemistry, mineralization and alteration in and around the trenches. The old mapping by Falconbridge differentiated certain outcrops as "syenite containing up 50% monzonite" and "monzonite containing up to 50 % syenite." Our remapping has shown that some of these units were monzonite that had been metasomatically altered to syenite while others were fine grained holocrystalline syenite dykes and stocks, plus related aplite and pegmatite, that intrude the monzonite. A cursory attempt to remap these outcrops was done in late September, but more detailed work may be required.

A compilation of the remapped geology is presented on Map 9, **Geology, West Grid** at 1:2500 scale. This is, with only minor modifications, the old Falconbridge outcrop map adjusted to a metric scale with our 1988 soil grid superimposed; most of the lines and stations can still be found.

Only four rock types belonging to the ***Hogem Batholith/Chuchi Syenite*** suites are identified on this part of the property. A medium grained biotite-hornblende monzonite appears to be the oldest unit and occurs throughout the grid between lines 700W and 500E. The rock is generally quite massive and "fresh" in appearance, although much of the hornblende has been altered to biotite, chlorite and tremolite. Potassic alteration is evident locally.

Numerous fractures trending 135 AZ. with dips ranging from vertical to steeply NE cut this and the younger units. This is a dominant fracture

set which also hosts chalcopyrite, bornite, malachite and azurite in the "A Zone" outcrop found between lines 500E and 600E, 425S. No copper carbonate mineralization is seen in outcrop, but limonitic fractures, about 2mm thick, are exposed at surface; trenching and blasting exposes copper carbonate and sulphide only 10's of cm below surface.

A pink, potash altered syenite was first recognized near the westernmost trench between L100W and L00E. Fine biotite crystals are sprinkled throughout the matrix and are probably secondary. The dominant fracture set mentioned previously has been healed with potash feldspar which imparts a lighter pink colour along its margins, causing this unit in places to look like a flow-banded rhyolite. Copper carbonate occurs as thin films along this fracture set.

Just below the trench, along L00E, a fault that trends 045 AZ/80SE separates the altered syenite to the west from the monzonite to the east. A significant feature seen here is the potash metasomatism crossing the fault and altering selveges of the monzonite over a distance of 5 m to 10 m from the fault. This clearly demonstrates that the monzonite was the original rock that was altered to syenite. The monzonite is blockier here: fractures are 10's of cm apart instead of cm's; however, the altered zones in the monzonite are more fractured than in the "unaltered" phase. Although it is possible that the alteration may have been emplaced later, this appears to be a post-metasomatic fault. A major fault parallel to this one was exposed in the trench between L100W and L00E. This fault trend, which is repeated in several locations on the property, was not recognized by Falconbridge because glaciation, which came from the west, filled these faults with overburden. Gulleys and small depressions modify these faults locally, and fractures parallel to them can be found in adjacent outcrops.

A medium grained biotite-hornblende syenite similar to that seen on the **Central Grid** extension lines is found in a few locations between lines 200W and 600W. The feldspars definitely have a pinker look than the monzonite, but the mafic content is also higher than in the unit 10 syenite seen to the east. Minor pervasive potash metasomatism is seen locally but probably caused by the aplite and syenite dykes. This unit, although tentatively grouped with the unit 10 syenite, is probably an intermediate phase between the monzonite and the intensely metasomatized syenite unit.

The youngest intrusive phase identified is a potash-rich, holocrystalline, fine grained syenite and related aplite and pegmatite. These units occur as small plugs and multi-directional dykes intruding all older intrusive phases. Copper mineralization is often contained within or next to these dykes, and they seem to be always nearby when mineralization or potash alteration is found in the older rocks. Locally the syenite grades into aplite or pegmatite over a very short distance.

An interesting feature in the pegmatites is the presence of large, grey potash feldspar laths. These are identical in hand specimens to the laths found in the megacrystic syenite on the **East Grid,** but a correlation based on this is only circumstantial. The government

geological survey has identified these dykes as being part of the *Chuchi Syenite* suite (pers. comm., 1991).

REGIONAL COMPILATION

Limited mapping has been done off the grids, mostly to the north and northeast in the *Takla Group* volcanics and sediments. The data is presented in a compilation map (Map 10) at 1:10,000 scale showing the geology of the three grids plus that mapped outside them.

The Cu, Au and As soil anomalies and the IP anomalies obtained on the grids since 1988 are also compiled at 1:10,000 scale and are documented on Maps 11 to 14, respectively.

Geology

Intermediate volcanics outcrop throughout much of the ridge north of the property. From west to east they appear to consist of porphyritic intermediate flows, breccia and crowded plagioclase (kspar?) porphyry lavas. The portions north and east of the **Central Grid** have not been completely mapped, but a few traverses indicate that crowded andesite/trachyte flows underly much of this area. Strong calc-silicate skarn alteration (unit 1) was noted in two locations. Garnet, epidote, albite (saussarite) potash feldspar and a zeolite mineral, probably laumontite, are the dominant mineral species observed. Minor copper mineralization occurs locally as small, high grade pods or veins containing chalcopyrite, bornite and sometimes chalcocite; malachite, azurite and limonite are the common oxidation products. Although not extensive, select samples of the high grade copper yielded some of the higher precious metal values on the property with gold assays up to 0.397 oz/st and silver as high as 1.8 oz/st.

Across an apparent fault in a drainage between the **Central Grid** extension lines and the **East Grid** the geology of the *Takla Group* changes abruptly. Polylithic agglomerate, crystal tuff, siltstone and ash tuff are in fault contacts with the porphyritic andesite/trachyte and with each other. The crystal tuff contains finely disseminated magnetite and is virtually indistinguishable from the microdiorite/monzonite seen at the north end of the **East Grid**; only the bedding seen on weathered surfaces of the tuff serves as a diagnostic field guide.

Major faulting in post-*Hogem Batholith* time is evident in outcrop and in the airborne magnetic survey. Displacements on most of these is minor, but some are substantial as evidenced by geological discontinuities in bedrock and drillcore and in geochemical and geophysical signatures. Four dominant fault directions are evident, but their relative times of displacement are not known, partly due to lack of exposure.

An ubiquitous fracture set found mainly in the older intrusive suites is 135 AZ. with sub-vertical to vertical dips. Potassic alteration is overprinted along this set, as is copper mineralization. Few exposures of this trend exist except for small shears exposed in some of the trenches, but surficial depressions and trends in the airborne magnetic data parallel this direction. This fault trend is found mostly on the

West Grid and appears to be cut off by a major fault trending 045 AZ. near L1100E.

The 045 AZ faults were not recognized before 1989, but they are evident in the magnetic survey. These are probably the youngest faults--major geological, mineralogical and geochemical zones seem to straddle them. One outcrop at the trenches shows that movement along this trend post-dates at least the potassic alteration.

Two faults that may be part of a conjugate set that trend 090 AZ to 120 AZ and 010 AZ/75 West. The 010 AZ fault is seen mainly in the volcanics, but that may be a function of the steeper terrain. The calc-silicate skarns developed in the volcanics are near these faults. These conjugate faults also offset lithologic units near the northeast side of the **East Grid,** and their presencen is suggested in the magnetic data.

The broad, arcuate faults seen near lines 2300E, 2800E and through lines 1000E-1100E are probably an intersection of the north-south (010 AZ) trend and the northeast (045 AZ) trend.

Geochemistry and Geophysics

Although no additional information outside of the survey grids is presented on these maps, they serve as compilations which may show trends or mineral zoning patterns.

Anomalous copper values are widespread and span almost the entire grid, a distance in excess of 4 km. Copper anomalies diminish to the east and south but are open to the west; the southern boundary is probably due to heavy glacial overburden.

Elevated gold values are found throughout the **West Grid** and are commonly coincidental with anomalous copper. Gold levels drop off significantly on the grids to the east with many anomalies being single stations yielding just threshold values.

Arsenic is spotty throughout the **West** and **Central Grids** but increases substantially on the **East Grid.** A broad lobe of highly anomalous values is situated between the two "arcuate" faults mentioned previously. Elevated As levels were obtained from north-south faults in the trenches in 1989. These high As levels in the eastern portion of the property might represent a "fringe" geochemical signature peripheral to a porphyry deposit.

The induced polarization anomalies on the **Central Grid** are for the most part large, low in chargeability (7.5 msec - 12 msec) and have an inverted "saucer shape", indicative of a possible broad porphyry target. The **East Grid** shows a sharp, east-west, linear contact separating the barren megacrystic syenite from the sulphide-rich hornfels and intrusions. Chargeability levels are up to 4 times stronger (up to 47 msec at n=2) than on the **Central Grid.** The nature of the IP, just like the geology, changes significantly across the arcuate fault along L2300E.

PHASE II - DRILLING PROGRAM

Between Aug. 31, 1991 and Sept. 20, 1991, a 5000 foot (1524 metre), NQ size, diamond drilling program was undertaken to test the IP and geochemical anomalies on the **Central Grid.** Eleven holes were drilled at eleven sites.

A table summarizing the drill hole statistics is presented below.

TABLE 2. DRILLHOLE STATISTICS

Hole No.	Depth: Ft/m	Azimuth	Incl.	Lat.	Long.
91-1	336/102.4	045	-60	603N	1800E
91-2	416/126.8	045	-50	563N	1598E
91-3	400/121.9	225	-60	475N	1800E
91-4	508/154.9	045	-50	451N	1603E
91-5	488/148.8	045	-50	412N	1398E
91-6	448/136.6	045	-55	326N	1200E
91-7	450/137.2	315	-50	290N	1085E
91-8	433/132.0	045	-61.5	197N	999E
91-9	515/157.0	045	-51	050N	1300E
91-10	467/142.4	225	-60	252S	1100E
91-11	469/143.0	225	-60	293S	1500E

Geology

Holes 1 through 8 were located to test the broad IP and geochemical anomaly on the **Central Grid** (see Map 1 for hole locations), hole 9 tested a "pant-leg" anomaly, and holes 10 and 11 explored for possible extensions to the **A Zone.**

The large copper geochem/IP anomaly proved to be a dissapointment. An extensive zone of intense chlorite alteration was encountered in all holes except 10 and 11. Finely disseminated pyrite occurs with the chlorite but usually comprises less than 1% of the total volume. The host rock is extensively fractured and virtually every fracture is coated with chlorite. Some narrow fault slips contain both chlorite and hematite, others chlorite and calcite.

Potassic alteration is all but absent in the first four holes between Lines 1600E and 1800E but increases slightly in hole 5 on line 1400E. The host rock to the chlorite alteration in the first 5 holes is the unit 10 biotite syenite. A few narrow dykes of the unit 13 ***Chuchi Syenite*** and related pegmatite and aplite intrude the chloritized unit and impart some potassic alteration into the host rock, but most it is restricted to fractures within the dykes.

The potash rich dykes generally post-date the chlorite alteration; however, some chlorite and calcite veins crosscut them as well. The syenite/aplite/pegmatite dykes are narrow and uncommon in the first four holes but comprise almost half of the core in hole 91-5.

Through holes 91-6 to 91-9 the dominant host rock is the medium grained biotite-hornblende monzonite (unit 8) found on the **West Grid.** A major NE-trending fault is suspected somewhere in this area: a prominent linear feature in the IP chargeability plan maps suggests a possible vertical offset. Chlorite alteration is still dominant and the rock is also intensely fractured. Most of the hornblende has been altered to biotite which in turn is chloritized. The ***Chuchi Syenite*** suite constitutes the remainder of the rock in these holes. Again, potassic alteration occurs as narrow selveges along fractures in the monzonite or as fractures within the dykes and along its contacts.

Narrow veins of albite, commonly accompanied by potassic alteration, are seen in holes 91-7 to 91-9. The abundance and intensity of the albite veins increases in that order as well. Some chalcopyrite, pyrite and in places molybdenite accompanies the albite in hole 91-9.

Holes 91-10 and 91-11 encountered intense argillic alteration from top to bottom. The ***Chuchi Syenite*** is the main unit encountered, but the megacrystic syenite (unit 12) and the monzonite are also recognized. Argillic alteration is so intense that the integrity of the rock has been totally destroyed through much of the core: a knife can cut through it like putty. Elsewhere, fault gouge within this material is of equally soft consistency. Mafics have been essentially destroyed but some biotite, probably secondary, is present. The pervasive chlorite is missing except within the monzonite and syenite units that escaped the argillic alteration; some of these are fault bounded blocks which contain chloritized mafics and chlorite and calcite stringers along slip fractures enveloped by the chalky-white to beige clay-sericite-talc alteration. Some later phase chlorite accompanies hematite along fractures and in fault breccia and gouge within the argillic unit, but this is not abundant.

Virtually no sulphides were seen in these two holes, only traces of pyrite and one occurrence of molybdenite.

Mineralization

Copper mineralization, when encountered, is almost always confined to the syenitic dykes and the accompanying potash alteration. Chalcopyrite is the only copper mineral found with the exception of one small occurrence of bornite. No oxide or carbonate copper was seen in the core. Molybdenite was seen in small amounts within albitized zones in holes 91-9 and 91-10.

With the exception of a few narrow, higher grade intervals in holes 2, 5, 6, 7 and 9, the copper values approached those obtained in the soil samples. Excluding these higher values the averages of the first 8 holes, by inspection, falls within the 200 ppm to 300 ppm Cu range.

Hole 9 contains some more widely-spaced chalcopyrite and averages probably about 400 ppm Cu, or better. Holes 10 and 11 were essentially devoid of mineralization, and only a few check samples were collected from them.

Malachite was seen in outcrop in the northwest corner of the drill pad excavated for hole 91-2, but no significant mineralization was encountered near the collar of the hole. A 3 m sample located about 16 m from the collar ran 1142 ppm Cu and 160 ppb Au, and a 6 m interval from 20.0 m to 126.0 m averaged 3924 ppm Cu and 57 ppb Au; the adjacent samples yielded just threshold level values (300 ppm +).

The best intercept was found in hole 91-5 where a 4 m (14 ft.) zone of intense potassic alteration was estimated to contain between 0.5% and 1.0% Cu. Two samples over this zone averaged 5000 ppm (0.5%) Cu and 26 ppb Au over 6 m from 42.9 m to 48.9 m; the adjacent samples ran 58 ppm Cu and 138 ppm Cu.

Hole 91-6 yielded a 3 m interval from 36.5 to 39.5 that assayed 3855 ppm Cu and 62 ppb Au. A few zones containing trace amounts of chalcopyrite further down the hole ran between 600 ppm and 1000 ppm Cu over 3 m (10 feet) intervals.

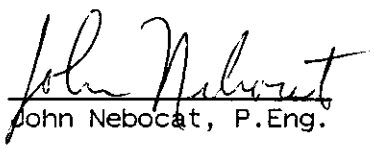
Hole 91-7 produced two 3 m samples from 36.3 m to 39.3 m and from 102.3 m to 105.3 m that ran 4818 ppm Cu, 26 ppb Au and 2307 ppm Cu, 20 ppb Au, respectively.

Hole 91-8 yielded only anomalous Cu values, and hole 91-9, which contains some more widely-spaced chalcopyrite mineralization, produced slightly higher than threshold values.

Elevated gold levels which accompany copper mineralization on the **West Grid** are not present in the **Central Grid** drill holes. The highest value was 160 ppb accompanied by 1142 ppm Cu in hole 91-2; the second highest level was 104 ppb Au with only 288 ppm Cu in hole 91-8.

In summary, the drilling was done in a zone of intense propylitic alteration with potassic alteration increasing to the west and an intense argillic overprint occurring to the south. The copper and gold analyses, however, do not clearly show any vectors indicating the direction(s) of increased mineralization.

The Cu and Au analyses are recorded in the drill logs, and the entire multi-element analyses are found in the assay sheets, both are appended in this report.



John Nebocat, P.Eng.

October 31, 1991
Vancouver, B.C.

CONCLUSIONS

1. The Phase I program extended the existing IP, copper and arsenic anomalies for at least 1 km to the east. Much higher chargeability values on the **East Grid** are caused by highly pyritic, hornfelsed sediments and fine grained intrusions.

2. No signs of economic mineralization were noted in bedrock on the **East Grid.** Major east-west faulting is believed to have offset the highly pyritic ***Takla Group*** to the north from barren, coarse grained syenite to the south. An arcuate NE-SW fault seems to truncate the broad **Central Grid** IP and copper anomalies from the lithologies on the **East Grid.**

3. Drilling on the **Central Grid** anomalies discovered a large zone of intense chlorite alteration in a highly fractured syenite and monzonite. About 1% disseminated pyrite occurs with the chlorite, and localized copper mineralization is found within zones of intense potash feldspar alteration and related potassic intrusions.

RECOMMENDATIONS

1. The results of the drilling program suggest that the chloritic zone could represent a propylitic halo around a mineralized, potassic core. Mapping has shown that the most intense potassic alteration occurs in the old **West Grid** area. Some reconnaissance IP lines, spaced 200 m apart and extending southwesterly into unexplored ground, are proposed for the western part of the old grid. The old IP survey was done using frequency domain rather than time domain instrumentation, and some of the "metal factor" anomalies that were generated are dubious.

2. Since the **East Grid** contains much more sulphide within the hornfels than is seen elsewhere on the property, it is possible that another, sulphide-rich porphyry center may exist somewhere to the east. A dendritic drainage system lying between 0.5 and 1.5 km east of the grid could reflect recessive weathering over fractured bedrock. A one week fly-camp to explore and sample this drainage is recommended.

3. A noticeable change occurs along the creek/fault system between the **Central** and **East Grids.** The extensions lines from L1900E to L2300E should be extended another 500 m to the northeast. Although some of the high arsenic values on the **East Grid** seem to come from bedrock, the high copper soil anomalies are not explained and could come from a source to the west.

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STATEMENT OF QUALIFICATIONS

I, John Nebocat, residing at #13 - 230 West 14th. Street, North Vancouver, British Columbia, declare that:

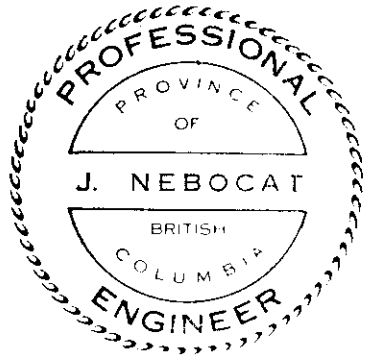
1. I am a geologist and have been employed in mineral exploration and earth science studies with industry and government since 1973.

2. I obtained a diploma in Mining Technology from the British Columbia Institute of Technology in 1974. In 1984 I graduated from the Montana College of Mineral Science & Technology with a Bachelor's Degree in Geological Engineering (Honours).

3. I am a registered Professional Engineer with the Association of Professional Engineers of British Columbia.

4. I carried out and supervised the work described within this report.

John Nebocat, B.Sc., P. Eng.



STATEMENT OF COSTS

Personnel: J. Nebocat ($215/d): May 15-17, 21-24, 27-31, June 3-July 29, Aug. 16-Sept. 26, Oct. 3, 4, 7-11, 15-18, 21-25, 28-31, 1991. G. Roste ($175/d): June 14-July 2, 1991. H. Klatt ($175/d): July 2-29, Aug. 16-Sept. 26, 1991. L. Horvat ($175/d): June 13-July 29, 1991. S. Harvey ($95/d): Aug. 29-Sept. 19, 1991. S. McKeown ($2500): June 23-July 29, 1991.

$ 57,464.58

Analyses: 1240 soil, 22 silt, 4 rock geochem and 374 core samples analyzed for 30 elements by ICP and for Au using either atomic absorption or atomic absorption-fire assay finish

$ 19,298.64

Equipment & Supplies:	$ 8,904.68
Helicopter:	$ 511.05
Vehicle charges, rental, fuel, oil:	$ 11,926.28
Induced polarization survey:	$ 21,093.46
Line cutting:	$ 22,593.00
Road and site preparation:	$ 12,336.64
Diamond drilling:	$122,776.50
Communications & Postage:	$ 349.07
Accounting & Professional services:	$ 3,655.00
TOTAL:	**$280,908.90**

APPENDIX I

Soil, Silt and Rock Geochem Results

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0000N 1500E 1549	Soil	<5	0.1	88	5	25	<5	<5	<3	4	<10	<2	0.1	9	15	<5	90
0025N 1500E 1550	Soil	<5	0.2	21	<2	36	10	<5	<3	3	<10	<2	0.2	8	14	<5	72
0050N 1500E 1551	Soil	<5	<0.1	16	7	22	<5	<5	<3	1	<10	<2	<0.1	4	6	<5	68
0075N 1500E 1552	Soil	<5	0.6	194	4	43	<5	<5	<3	4	<10	<2	0.1	7	13	<5	148
0100N 1500E 1553	Soil	5	<0.1	14	3	28	5	<5	<3	2	<10	<2	0.1	5	7	<5	59
0125N 1500E 1554	Soil	5	0.4	209	<2	48	43	<5	<3	14	<10	<2	0.1	18	23	<5	213
0150N 1500E 1555	Soil	<5	0.2	55	2	54	20	<5	<3	4	<10	<2	0.1	13	21	<5	106
0175N 1500E 1556	Soil	<5	0.2	94	<2	49	29	<5	<3	3	<10	<2	0.1	12	23	<5	72
0200N 1500E 1557	Soil	10	0.1	33	<2	37	31	<5	<3	4	<10	<2	0.1	10	17	<5	62
0225N 1500E 1558	Soil	<5	<0.1	32	5	26	21	<5	<3	6	<10	<2	<0.1	8	13	<5	79
0250N 1500E 1559	Soil	<5	<0.1	160	4	34	<5	<5	<3	3	<10	<2	<0.1	4	13	<5	142
0275N 1500E 1560	Soil	<5	0.1	217	2	37	10	<5	<3	2	<10	<2	<0.1	6	14	<5	169
0300N 1500E 1561	Soil	5	0.1	187	4	41	11	<5	<3	5	<10	<2	0.1	11	19	<5	142
0325N 1500E 1562	Soil	<5	0.1	137	4	59	<5	<5	<3	6	<10	<2	<0.1	11	18	<5	192
0350N 1500E 1563	Soil	20	<0.1	118	4	45	5	<5	<3	7	<10	<2	0.1	11	18	<5	126
0375N 1500E 1564	Soil	20	<0.1	192	6	51	10	<5	<3	6	<10	<2	0.2	14	24	<5	178
0400N 1500E 1565	Soil	<5	0.2	197	2	54	11	<5	<3	5	<10	<2	0.2	12	23	<5	144
0425N 1500E 1566	Soil	<5	0.2	172	3	62	10	<5	<3	8	<10	<2	0.2	22	22	<5	158
0450N 1500E 1567	Soil	<5	<0.1	110	3	47	11	<5	<3	3	<10	<2	0.2	12	19	<5	76
0450N 1600E 1568	Soil	<5	<0.1	115	4	40	<5	<5	<3	8	<10	<2	<0.1	4	8	<5	49
0425N 1600E 1569	Soil	<5	0.2	280	5	40	8	<5	<3	8	<10	<2	0.2	12	23	<5	96
0400N 1600E 1570	Soil	<5	0.1	148	4	39	6	<5	<3	6	<10	<2	0.2	8	18	<5	97
0375N 1600E 1571	Soil	<5	<0.1	159	3	41	5	<5	<3	4	<10	<2	0.1	9	16	<5	115
0350N 1600E 1572	Soil	<5	<0.1	168	7	29	11	<5	<3	4	<10	<2	<0.1	5	12	<5	121
0325N 1600E 1573	Soil	<5	<0.1	155	4	29	6	<5	<3	4	<10	<2	<0.1	5	10	<5	109
0300N 1600E 1574	Soil	<5	<0.1	90	8	43	<5	<5	<3	5	<10	<2	<0.1	5	10	<5	101
0275N 1600E 1575	Soil	<5	<0.1	39	<2	37	10	<5	<3	7	<10	<2	0.1	5	7	<5	106
0250N 1600E 1576	Soil	<5	<0.1	47	4	50	7	<5	<3	6	<10	<2	<0.1	6	6	<5	104
0225N 1600E 1577	Soil	<5	<0.1	65	4	38	12	<5	<3	10	<10	<2	0.2	6	10	<5	146
0200N 1600E 1578	Soil	<5	<0.1	74	8	26	6	<5	<3	3	<10	<2	<0.1	6	9	<5	105
0175N 1600E 1579	Soil	<5	<0.1	32	<2	31	10	<5	<3	3	<10	<2	0.3	7	14	<5	78
0150N 1600E 1580	Soil	<5	<0.1	143	3	25	16	<5	<3	2	<10	<2	<0.1	10	20	<5	43
0125N 1600E 1581	Soil	<5	<0.1	9	7	18	<5	<5	<3	3	<10	<2	0.1	4	7	<5	53
0100N 1600E 1582	Soil	<5	<0.1	48	10	15	<5	<5	<3	2	<10	<2	<0.1	2	4	<5	100
1583	Soil	15	<0.1	90	2	41	11	<5	<3	3	<10	<2	0.3	11	16	<5	86
0100N 1700E 1584	Soil	<5	0.1	22	<2	67	19	<5	<3	3	<10	<2	0.3	14	21	<5	193
0125N 1700E 1585	Soil	<5	<0.1	15	4	35	14	<5	<3	2	<10	<2	<0.1	7	11	<5	91
0150N 1700E 1586	Soil	<5	<0.1	52	3	29	11	<5	<3	2	<10	<2	0.1	8	14	<5	54
0175N 1700E 1587	Soil	<5	0.7	85	3	43	<5	<5	<3	12	<10	<2	0.5	40	15	<5	252
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed ReC = ReCheck in progress ins = Insufficient Sample

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0000N 1500E 1549	26	77	353	6	37	1	2	0.04	1.06	0.43	2.27	0.42	0.04	0.02	0.06
0025N 1500E 1550	28	132	181	5	20	1	2	0.05	1.58	0.27	4.20	0.31	0.03	0.02	0.26
0050N 1500E 1551	11	47	95	4	38	<1	1	0.03	0.71	0.42	1.19	0.19	0.03	0.02	0.04
0075N 1500E 1552	22	61	280	17	199	<1	1	0.02	1.10	2.48	1.87	0.29	0.03	0.02	0.10
0100N 1500E 1553	14	51	150	3	57	<1	1	0.04	0.62	0.60	1.56	0.23	0.02	0.02	0.02
0125N 1500E 1554	47	165	1268	10	87	1	4	0.08	1.61	1.07	>5.00	0.74	0.07	0.02	0.18
0150N 1500E 1555	43	148	188	6	38	1	2	0.12	1.41	0.49	3.79	0.66	0.03	0.02	0.11
0175N 1500E 1556	48	115	213	7	23	1	2	0.10	1.84	0.50	3.54	0.71	0.04	0.02	0.21
0200N 1500E 1557	43	141	160	6	34	1	2	0.10	1.62	0.49	3.71	0.61	0.04	0.02	0.11
0225N 1500E 1558	37	113	255	2	75	<1	1	0.08	1.09	0.97	3.11	0.53	0.02	0.02	0.04
0250N 1500E 1559	31	26	118	6	172	1	2	0.03	0.88	2.17	1.21	0.34	0.03	0.02	0.12
0275N 1500E 1560	36	107	206	9	183	1	2	0.03	1.16	2.23	1.24	0.39	0.04	0.02	0.17
0300N 1500E 1561	38	102	401	7	120	1	3	0.06	1.34	1.37	3.31	0.65	0.08	0.02	0.11
0325N 1500E 1562	32	82	2066	6	203	1	2	0.05	1.14	2.50	2.78	0.65	0.09	0.02	0.14
0350N 1500E 1563	45	92	1663	9	85	1	3	0.06	1.13	1.22	2.39	0.65	0.05	0.02	0.19
0375N 1500E 1564	41	120	679	8	147	1	3	0.05	1.43	1.78	3.23	0.65	0.08	0.02	0.14
0400N 1500E 1565	51	144	486	9	99	1	3	0.06	1.36	1.26	3.60	0.67	0.07	0.02	0.16
0425N 1500E 1566	41	144	2182	9	131	1	2	0.05	1.26	1.58	4.32	0.65	0.07	0.02	0.14
0450N 1500E 1567	50	144	517	9	72	1	2	0.06	1.02	1.13	3.63	0.70	0.08	0.02	0.19
0450N 1600E 1568	9	21	434	5	279	1	<1	0.01	0.43	4.34	0.71	0.23	0.04	0.02	0.07
0425N 1600E 1569	38	98	442	10	125	1	2	0.05	1.40	1.74	2.97	0.63	0.07	0.02	0.11
0400N 1600E 1570	31	76	392	7	126	<1	2	0.04	1.21	1.66	2.40	0.54	0.07	0.02	0.09
0375N 1600E 1571	36	99	748	4	98	<1	2	0.06	0.81	1.16	2.14	0.43	0.06	0.02	0.08
0350N 1600E 1572	41	56	249	6	166	1	2	0.02	0.85	2.01	1.72	0.23	0.03	0.02	0.14
0325N 1600E 1573	25	93	248	7	139	1	1	0.03	0.78	1.72	1.86	0.25	0.02	0.02	0.11
0300N 1600E 1574	18	109	250	4	181	1	1	0.03	0.57	2.49	1.00	0.36	0.03	0.02	0.11
0275N 1600E 1575	6	75	650	<2	250	1	<1	<0.01	0.17	3.19	3.08	0.13	0.02	0.02	0.07
0250N 1600E 1576	12	65	1227	<2	179	<1	<1	0.01	0.28	2.48	1.92	0.16	0.02	0.02	0.08
0225N 1600E 1577	10	126	597	2	322	1	<1	<0.01	0.31	4.50	4.07	0.15	0.02	0.02	0.10
0200N 1600E 1578	14	86	149	4	102	<1	2	0.03	0.76	1.33	1.52	0.38	0.02	0.02	0.07
0175N 1600E 1579	26	103	136	5	35	1	1	0.06	1.00	0.46	3.19	0.38	0.03	0.02	0.10
0150N 1600E 1580	35	90	225	10	31	1	3	0.07	0.93	0.54	2.63	0.64	0.03	0.02	0.14
0125N 1600E 1581	18	71	253	3	24	1	1	0.06	0.44	0.26	1.84	0.16	0.04	0.02	0.05
0100N 1600E 1582	13	20	75	5	41	<1	1	0.03	0.46	0.42	0.68	0.10	0.04	0.02	0.03
1583	48	153	583	8	73	1	2	0.07	0.91	1.06	3.85	0.57	0.05	0.02	0.20
0100N 1700E 1584	49	125	338	4	34	2	3	0.09	1.63	0.53	4.65	0.56	0.06	0.02	0.58
0125N 1700E 1585	32	98	133	3	25	<1	1	0.06	0.80	0.29	3.09	0.30	0.03	0.02	0.23
0150N 1700E 1586	31	90	146	5	22	1	2	0.06	1.00	0.32	2.72	0.42	0.04	0.02	0.09
0175N 1700E 1587	31	68	6112	8	260	1	1	0.01	0.68	3.54	1.84	0.21	0.02	0.02	0.11
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0200N 1700E 1588	Soil	5	0.2	71	5	32	<5	<5	<3	7	<10	<2	0.2	15	8	<5	137
0225N 1700E 1589	Soil	<5	<0.1	30	5	21	11	<5	<3	2	<10	<2	0.1	6	13	<5	47
0250N 1700E 1590	Soil	5	0.2	33	5	50	27	5	<3	3	<10	<2	0.3	14	26	<5	62
0275N 1700E 1591	Soil	<5	<0.1	110	2	38	10	<5	<3	4	<10	<2	<0.1	9	14	<5	119
0300N 1700E 1592	Soil	<5	<0.1	106	9	28	8	<5	<3	6	<10	<2	<0.1	4	14	<5	119
0325N 1700E 1593	Soil	<5	<0.1	162	8	27	<5	<5	<3	9	<10	<2	<0.1	4	13	<5	74
0350N 1700E 1594	Soil	<5	<0.1	144	4	29	11	<5	<3	35	<10	<2	0.1	5	26	<5	89
0375N 1700E 1595	Soil	<5	<0.1	141	6	34	<5	<5	<3	40	<10	<2	0.1	5	12	<5	69
0400N 1700E 1596	Soil	<5	<0.1	213	3	29	<5	<5	<3	35	<10	<2	0.1	4	19	<5	82
0425N 1700E 1597	Soil	<5	0.3	483	4	27	<5	<5	<3	4	<10	<2	<0.1	2	14	<5	43
0450N 1700E 1598	Soil	<5	0.5	403	4	46	16	<5	<3	7	<10	<2	0.2	12	25	<5	72
0475N 1700E 1599	Soil	<5	0.2	228	3	48	10	<5	<3	4	<10	<2	0.3	13	23	<5	60
0500N 1700E 1600	Soil	<5	0.3	439	6	53	6	<5	<3	4	<10	<2	0.3	13	24	<5	54
0100N 1800E 1601	Soil	5	0.2	42	<2	51	21	5	<3	3	<10	<2	0.3	16	27	<5	119
0125N 1800E 1602	Soil	5	0.1	63	4	37	20	<5	<3	1	<10	<2	0.2	17	28	<5	68
0150N 1800E 1603	Soil	<5	<0.1	50	3	47	40	5	<3	3	<10	<2	0.1	15	26	<5	61
0175N 1800E 1604	Soil	<5	<0.1	10	4	24	6	<5	<3	1	<10	<2	0.2	5	8	<5	51
0200N 1800E 1605	Soil	<5	0.1	72	<2	37	15	<5	<3	2	<10	<2	0.1	9	21	<5	71
0225N 1800E 1606	Soil	<5	<0.1	46	3	35	18	<5	<3	3	<10	<2	0.1	9	19	<5	65
0250N 1800E 1607	Soil	<5	0.3	124	<2	34	39	<5	<3	60	<10	<2	0.3	14	19	<5	164
0275N 1800E 1608	Soil	<5	0.2	42	<2	24	18	<5	<3	51	<10	<2	0.3	13	11	<5	183
Silt A 1609	Silt	<5	0.1	101	<2	57	40	<5	<3	8	<10	<2	0.4	16	19	<5	324
0325N 1800N 1610	Soil	<5	<0.1	121	4	36	<5	<5	<3	16	<10	<2	<0.1	1	4	<5	32
0375N 1800N 1612	Soil	<5	<0.1	129	4	32	<5	<5	<3	14	<10	<2	<0.1	1	6	<5	55
0400N 1800N 1613	Soil	<5	<0.1	131	4	40	<5	<5	<3	11	<10	<2	<0.1	10	11	<5	147
0425N 1800N 1614	Soil	<5	0.5	177	6	17	<5	<5	<3	3	<10	<2	0.5	4	12	<5	125
0450N 1800N 1615	Soil	<5	0.7	178	3	30	<5	<5	<3	6	<10	<2	<0.1	8	7	<5	141
0475N 1800N 1616	Soil	10	<0.1	35	6	27	<5	<5	<3	2	<10	<2	0.1	8	10	<5	71
0500N 1800N 1617	Soil	<5	0.6	400	2	44	10	<5	<3	4	<10	<2	0.3	12	28	<5	131
0100N 1900N 1618	Soil	<5	<0.1	93	<2	33	9	<5	<3	2	<10	<2	0.2	14	29	<5	47
0125N 1900N 1619	Soil	<5	<0.1	15	6	40	10	<5	<3	2	<10	<2	0.3	11	17	<5	84
0150N 1900N 1620	Soil	<5	<0.1	48	2	25	7	<5	<3	2	<10	<2	0.1	8	14	<5	103
0175N 1900N 1621	Soil	<5	<0.1	66	5	32	8	<5	<3	3	<10	<2	0.1	10	17	<5	175
0200N 1900N 1622	Soil	<5	<0.1	66	3	28	10	<5	<3	3	<10	<2	<0.1	9	15	<5	66
0225N 1900N 1623	Soil	<5	<0.1	38	<2	31	24	<5	<3	14	<10	<2	<0.1	12	16	<5	46
0250N 1900N 1624	Soil	<5	<0.1	64	5	23	<5	<5	<3	4	<10	<2	<0.1	4	8	<5	96
0275N 1900N 1625	Soil	<5	<0.1	7	<2	24	<5	<5	<3	6	<10	<2	<0.1	3	4	<5	104
0300N 1900N 1626	Soil	<5	<0.1	22	3	23	<5	<5	<3	3	<10	<2	<0.1	1	4	<5	91
0325N 1900N 1627	Soil	<5	<0.1	36	6	28	<5	<5	<3	3	<10	<2	0.1	1	4	<5	91
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0200N 1700E 1588	12	62	1114	5	190	1	1	0.01	0.51	2.62	0.97	0.16	0.01	0.02	0.13
0225N 1700E 1589	39	60	128	4	32	1	2	0.06	0.85	0.47	1.66	0.47	0.03	0.02	0.05
0250N 1700E 1590	76	140	276	5	24	1	2	0.09	1.74	0.42	4.71	0.86	0.04	0.02	0.31
0275N 1700E 1591	37	100	212	9	132	1	3	0.06	0.95	2.09	2.10	0.45	0.03	0.02	0.25
0300N 1700E 1592	52	85	268	8	165	1	3	0.03	1.18	2.22	1.73	0.30	0.05	0.02	0.18
0325N 1700E 1593	46	41	295	6	148	1	3	0.04	0.83	2.17	1.01	0.28	0.03	0.02	0.11
0350N 1700E 1594	31	117	1034	5	279	1	1	0.02	0.76	4.00	2.85	0.21	0.03	0.02	0.16
0375N 1700E 1595	25	43	1615	3	180	1	1	0.02	0.46	2.74	1.38	0.24	0.04	0.02	0.11
0400N 1700E 1596	<1	51	2498	3	289	1	<1	<0.01	0.19	5.01	2.77	0.18	0.03	0.02	0.07
0425N 1700E 1597	10	15	153	10	268	2	1	0.01	0.54	5.00	0.75	0.21	0.02	0.02	0.08
0450N 1700E 1598	40	103	544	9	110	1	3	0.05	1.48	1.72	3.39	0.61	0.08	0.02	0.11
0475N 1700E 1599	46	119	399	6	56	1	4	0.08	1.40	0.75	3.74	0.63	0.07	0.02	0.04
0500N 1700E 1600	44	120	427	10	91	2	4	0.09	1.24	1.51	3.52	0.71	0.10	0.02	0.10
0100N 1800E 1601	74	154	318	5	23	2	3	0.13	1.80	0.46	4.91	0.84	0.06	0.02	0.54
0125N 1800E 1602	70	128	299	8	33	1	3	0.12	1.38	0.63	3.72	0.96	0.07	0.02	0.20
0150N 1800E 1603	62	133	246	6	21	1	2	0.10	1.52	0.41	3.99	0.71	0.04	0.02	0.26
0175N 1800E 1604	28	91	283	4	19	1	1	0.05	0.66	0.18	2.48	0.15	0.03	0.02	0.13
0200N 1800E 1605	40	104	172	6	21	1	2	0.06	1.69	0.35	3.38	0.47	0.03	0.02	0.18
0225N 1800E 1606	46	102	130	5	22	1	2	0.07	1.21	0.33	3.03	0.45	0.03	0.02	0.08
0250N 1800E 1607	45	232	2832	6	223	1	1	0.02	0.93	3.25	>5.00	0.41	0.03	0.02	0.17
0275N 1800E 1608	8	166	3555	<2	315	1	<1	<0.01	0.36	4.27	>5.00	0.15	0.02	0.02	0.19
Silt A 1609	40	173	8194	5	215	<1	1	0.03	0.80	2.50	>5.00	0.40	0.07	0.02	0.16
0325N 1800N 1610	<1	22	459	<2	234	1	<1	<0.01	0.10	4.09	0.26	0.14	0.02	0.02	0.07
0375N 1800N 1612	<1	22	596	<2	257	1	<1	<0.01	0.11	4.92	0.27	0.21	0.02	0.02	0.05
0400N 1800N 1613	3	14	2631	4	225	1	<1	<0.01	0.35	5.55	0.71	0.21	0.02	0.02	0.12
0425N 1800N 1614	13	34	211	7	127	<1	1	0.01	0.60	3.10	1.44	0.20	0.03	0.02	0.11
0450N 1800N 1615	12	20	1125	12	133	1	1	<0.01	0.84	3.39	0.61	0.13	0.02	0.02	0.14
0475N 1800N 1616	22	70	291	6	28	1	2	0.05	0.84	0.41	2.12	0.31	0.05	0.02	0.09
0500N 1800N 1617	39	109	789	13	62	1	3	0.04	1.82	1.12	3.63	0.55	0.07	0.02	0.10
0100N 1900N 1618	67	119	215	6	27	1	2	0.13	1.28	0.57	3.15	0.90	0.07	0.02	0.17
0125N 1900N 1619	61	117	331	3	22	1	2	0.10	0.97	0.25	3.39	0.40	0.06	0.02	0.24
0150N 1900N 1620	33	93	210	6	36	<1	2	0.04	1.15	0.41	2.57	0.35	0.03	0.02	0.08
0175N 1900N 1621	37	98	207	8	48	1	2	0.06	1.45	0.53	2.49	0.50	0.04	0.02	0.07
0200N 1900N 1622	39	97	288	7	44	1	2	0.06	1.18	0.61	2.79	0.42	0.03	0.02	0.07
0225N 1900N 1623	40	127	432	4	35	1	2	0.07	1.17	0.54	>5.00	0.50	0.03	0.02	0.06
0250N 1900N 1624	13	16	440	6	151	1	1	0.01	0.51	3.23	1.16	0.17	0.02	0.02	0.11
0275N 1900N 1625	<1	6	2627	<2	161	<1	<1	<0.01	0.09	3.56	1.84	0.14	0.01	0.02	0.07
0300N 1900N 1626	<1	4	197	<2	144	<1	<1	<0.01	0.10	3.18	1.46	0.12	0.01	0.02	0.05
0325N 1900N 1627	<1	9	65	<2	104	1	<1	<0.01	0.12	2.31	1.16	0.09	0.02	0.02	0.06
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0350N 1900N 1628	Soil	<5	<0.1	24	4	22	<5	<5	<3	5	<10	<2	<0.1	1	3	<5	108
0375N 1900N 1629	Soil	<5	<0.1	60	4	22	<5	<5	<3	12	<10	<2	<0.1	2	4	<5	99
0400N 1900N 1630	Soil	<5	<0.1	164	4	24	<5	<5	<3	4	<10	<2	<0.1	2	9	<5	130
0425N 1900N 1631	Soil	<5	0.1	184	2	24	<5	<5	<3	11	<10	<2	<0.1	4	8	<5	110
0450N 1900N 1632	Soil	<5	0.2	135	2	23	<5	<5	<3	7	<10	<2	0.2	9	7	<5	103
0475N 1900N 1633	Soil	<5	<0.1	55	2	25	12	<5	<3	3	<10	<2	0.2	8	14	<5	55
0500N 1900N 1634	Soil	<5	<0.1	60	2	27	9	<5	<3	3	<10	<2	0.2	9	16	<5	50
Silt B 1635	Silt	<5	0.2	101	<2	51	41	<5	<3	7	<10	<2	0.3	17	18	<5	309
0100N 2000E 1636	Soil	<5	<0.1	22	7	23	<5	<5	<3	2	<10	<2	0.2	4	7	<5	68
0125N 2000E 1637	Soil	<5	0.4	127	<2	42	<5	<5	<3	3	<10	<2	0.3	15	23	<5	136
0150N 2000E 1638	Soil	5	<0.1	95	4	33	<5	<5	<3	4	<10	<2	0.2	7	16	<5	87
0175N 2000E 1639	Soil	<5	0.3	122	5	36	<5	<5	<3	3	<10	<2	<0.1	7	13	<5	113
0200N 2000E 1640	Soil	5	<0.1	27	3	28	7	<5	<3	2	<10	<2	<0.1	6	11	<5	57
0225N 2000E 1641	Soil	5	<0.1	28	<2	36	12	<5	<3	2	<10	<2	<0.1	10	19	<5	66
0250N 2000E 1642	Soil	10	<0.1	33	2	30	12	<5	<3	2	<10	<2	0.1	7	13	<5	36
0275N 2000E 1643	Soil	5	<0.1	5	5	18	<5	<5	<3	<1	<10	<2	<0.1	2	4	<5	41
0300N 2000E 1644	Soil	5	<0.1	27	7	27	6	<5	<3	2	<10	<2	<0.1	5	11	<5	92
0325N 2000E 1645	Soil	5	<0.1	32	3	33	<5	<5	<3	11	<10	<2	0.1	9	8	<5	203
0350N 2000E 1646	Soil	5	<0.1	23	<2	21	27	<5	<3	54	13	<2	0.4	11	9	<5	169
0375N 2000E 1647	Soil	5	<0.1	20	<2	44	6	<5	<3	11	<10	<2	0.2	5	7	<5	110
0400N 2000E 1648	Soil	5	<0.1	30	3	38	<5	<5	<3	5	<10	<2	<0.1	3	5	<5	72
0425N 2000E 1649	Soil	<5	<0.1	78	<2	25	<5	<5	<3	8	<10	<2	0.1	8	6	<5	101
0450N 2000E 1650	Soil	<5	<0.1	139	3	43	<5	<5	<3	7	<10	<2	<0.1	4	9	<5	93
0475N 2000E 1651	Soil	<5	<0.1	70	5	41	<5	<5	<3	5	<10	<2	<0.1	3	10	<5	82
0500N 2000E 1652	Soil	<5	0.6	415	<2	29	9	<5	<3	5	<10	<2	0.6	14	22	<5	77
0100N 2100E 1653	Soil	<5	<0.1	43	5	50	<5	<5	<3	4	<10	<2	<0.1	1	6	<5	78
0125N 2100E 1654	Soil	5	0.4	61	<2	29	<5	<5	<3	43	<10	<2	0.6	32	19	<5	597
0150N 2100E 1655	Soil	<5	<0.1	21	3	26	5	<5	<3	3	<10	<2	0.2	8	12	<5	39
0175N 2100E 1656	Soil	<5	<0.1	189	<2	37	6	6	<3	2	<10	<2	0.1	16	28	<5	62
0200N 2100E 1657	Soil	10	<0.1	18	2	39	6	<5	<3	2	<10	<2	0.1	8	13	<5	55
0225N 2100E 1658	Soil	5	<0.1	16	7	21	<5	<5	<3	1	<10	<2	<0.1	4	8	<5	56
0250N 2100E 1659	Soil	<5	0.3	74	8	25	<5	<5	<3	2	<10	<2	0.3	6	14	<5	151
0275N 2100E 1660	Soil	10	<0.1	23	5	34	7	<5	<3	2	<10	<2	0.1	7	12	<5	72
0300N 2100E 1661	Soil	<5	<0.1	19	4	30	11	<5	<3	3	<10	<2	0.1	8	13	<5	58
0325N 2100E 1662	Soil	<5	<0.1	39	5	26	5	<5	<3	2	<10	<2	0.1	5	9	<5	76
0350N 2100E 1663	Soil	<5	<0.1	24	2	22	7	<5	<3	2	<10	<2	0.2	6	12	<5	63
0375N 2100E 1664	Soil	5	<0.1	18	5	33	8	<5	<3	1	<10	<2	0.2	7	11	<5	77
0400N 2100E 1665	Soil	<5	<0.1	19	10	21	<5	<5	<3	2	<10	<2	0.1	3	5	<5	64
0450N 2100E 1667	Soil	<5	<0.1	45	8	51	<5	<5	<3	4	<10	<2	2.0	3	6	<5	93
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0350N 1900N 1628	<1	9	311	<2	172	<1	<1	<0.01	0.13	3.81	1.34	0.17	0.03	0.02	0.08
0375N 1900N 1629	1	16	420	<2	158	1	<1	<0.01	0.12	3.33	1.42	0.14	0.01	0.02	0.08
0400N 1900N 1630	2	23	112	<2	216	2	1	<0.01	0.20	4.26	1.02	0.17	0.01	0.02	0.06
0425N 1900N 1631	6	23	749	4	232	2	1	<0.01	0.38	3.94	0.66	0.20	0.02	0.02	0.12
0450N 1900N 1632	7	22	889	9	217	1	2	<0.01	0.54	2.88	1.06	0.17	0.02	0.02	0.14
0475N 1900N 1633	35	101	156	7	33	1	2	0.05	1.09	0.53	3.09	0.37	0.04	0.02	0.17
0500N 1900N 1634	36	102	176	6	36	1	2	0.06	1.07	0.52	3.18	0.46	0.04	0.02	0.14
Silt B 1635	40	173	7858	5	217	<1	1	0.03	0.81	2.57	>5.00	0.43	0.07	0.03	0.16
0100N 2000E 1636	12	46	117	5	38	<1	1	0.03	0.60	0.55	1.28	0.23	0.03	0.02	0.03
0125N 2000E 1637	68	86	402	14	91	<1	1	0.03	1.04	1.31	2.53	0.44	0.05	0.03	0.12
0150N 2000E 1638	32	72	472	8	71	1	1	0.03	0.86	1.36	2.08	0.34	0.03	0.02	0.08
0175N 2000E 1639	22	44	218	10	113	1	1	0.02	0.80	2.14	1.82	0.23	0.03	0.02	0.10
0200N 2000E 1640	27	100	108	4	25	1	1	0.05	0.81	0.30	2.29	0.35	0.02	0.02	0.06
0225N 2000E 1641	47	123	147	6	19	1	2	0.06	1.70	0.35	3.68	0.38	0.03	0.02	0.23
0250N 2000E 1642	43	128	120	4	16	2	2	0.07	2.14	0.19	3.67	0.32	0.03	0.02	0.14
0275N 2000E 1643	9	27	50	3	14	<1	1	0.04	0.47	0.12	0.67	0.08	0.02	0.02	0.02
0300N 2000E 1644	22	56	105	4	22	1	2	0.05	0.90	0.26	1.50	0.34	0.02	0.02	0.05
0325N 2000E 1645	14	23	4338	3	127	<1	1	0.01	0.49	2.63	2.02	0.16	0.03	0.02	0.11
0350N 2000E 1646	3	33	1623	<2	112	1	<1	<0.01	0.13	2.43	>5.00	0.10	0.01	0.02	0.14
0375N 2000E 1647	5	7	1314	<2	171	1	<1	<0.01	0.10	3.79	4.40	0.17	0.03	0.02	0.12
0400N 2000E 1648	2	8	361	<2	162	1	<1	<0.01	0.13	3.64	1.80	0.16	0.04	0.02	0.10
0425N 2000E 1649	3	31	744	<2	170	2	<1	<0.01	0.19	3.80	1.69	0.15	0.02	0.02	0.09
0450N 2000E 1650	2	22	884	2	190	2	1	<0.01	0.24	4.22	1.72	0.16	0.02	0.02	0.08
0475N 2000E 1651	2	10	887	2	180	1	<1	<0.01	0.22	4.29	1.03	0.19	0.03	0.02	0.10
0500N 2000E 1652	56	106	658	16	89	1	3	0.06	1.40	2.01	3.00	0.60	0.07	0.03	0.14
0100N 2100E 1653	2	4	655	3	170	1	<1	<0.01	0.32	3.93	0.48	0.19	0.04	0.02	0.10
0125N 2100E 1654	54	99	>10000	7	78	<1	2	0.02	1.14	1.28	>5.00	0.39	0.04	0.02	0.17
0150N 2100E 1655	29	116	159	5	28	1	1	0.08	0.79	0.31	3.24	0.33	0.07	0.02	0.06
0175N 2100E 1656	59	119	252	7	43	1	3	0.11	1.88	0.63	4.24	1.34	0.04	0.02	0.20
0200N 2100E 1657	33	113	164	4	21	1	2	0.06	1.40	0.33	3.55	0.31	0.03	0.02	0.19
0225N 2100E 1658	17	57	92	5	23	<1	1	0.06	0.74	0.28	1.31	0.26	0.02	0.02	0.06
0250N 2100E 1659	24	43	289	7	88	<1	1	0.02	0.79	1.51	1.41	0.35	0.04	0.02	0.11
0275N 2100E 1660	40	121	118	5	24	1	2	0.08	0.96	0.28	2.95	0.27	0.04	0.02	0.07
0300N 2100E 1661	39	148	161	5	31	1	2	0.10	0.94	0.46	3.16	0.45	0.03	0.02	0.07
0325N 2100E 1662	21	70	155	4	49	<1	1	0.04	0.75	0.92	1.88	0.24	0.03	0.02	0.05
0350N 2100E 1663	24	82	112	6	27	1	2	0.06	1.26	0.31	2.54	0.30	0.03	0.02	0.10
0375N 2100E 1664	29	115	192	4	22	1	1	0.07	0.69	0.24	3.41	0.27	0.03	0.02	0.14
0400N 2100E 1665	13	42	39	4	29	<1	1	0.04	0.70	0.23	1.22	0.09	0.03	0.02	0.03
0450N 2100E 1667	4	7	356	<2	149	<1	<1	<0.01	0.11	3.39	0.77	0.19	0.03	0.02	0.09
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0475N 2100E 1668	Soil	<5	<0.1	116	6	34	<5	<5	<3	4	<10	<2	0.3	1	8	<5	106
0500N 2100E 1669	Soil	<5	<0.1	161	6	46	<5	<5	<3	5	<10	<2	<0.1	1	9	<5	93
0100N 2200E 1670	Soil	5	<0.1	14	7	34	5	<5	<3	1	<10	<2	<0.1	4	7	<5	64
0125N 2200E 1671	Soil	5	0.2	74	6	33	<5	<5	<3	2	<10	<2	0.4	4	10	<5	180
0150N 2200E 1672	Soil	5	0.1	44	6	29	5	<5	<3	2	<10	<2	0.1	7	11	<5	116
0175N 2200E 1673	Soil	5	<0.1	20	6	35	6	<5	<3	2	<10	<2	0.1	5	9	<5	61
0200N 2200E 1674	Soil	5	<0.1	67	6	35	<5	<5	<3	1	<10	<2	0.3	7	13	<5	83
0225N 2200E 1675	Soil	5	0.2	276	4	53	<5	<5	<3	5	<10	<2	0.3	3	18	<5	175
0250N 2200E 1676	Soil	<5	0.1	211	6	61	<5	<5	<3	3	<10	<2	<0.1	2	11	<5	131
0275N 2200E 1677	Soil	<5	<0.1	29	5	28	<5	<5	<3	2	<10	<2	0.1	5	8	<5	86
0300N 2200E 1678	Soil	10	<0.1	22	4	29	<5	<5	<3	1	<10	<2	<0.1	8	10	<5	51
0325N 2200E 1679	Soil	5	<0.1	35	6	22	<5	<5	<3	2	<10	<2	0.1	5	10	<5	73
0350N 2200E 1680	Soil	5	0.3	153	5	40	<5	<5	<3	3	<10	<2	0.3	3	13	<5	111
0375N 2200E 1681	Soil	5	<0.1	50	6	27	<5	<5	<3	2	<10	<2	0.1	4	9	<5	73
0400N 2200E 1682	Soil	5	<0.1	47	3	28	<5	<5	<3	3	<10	<2	<0.1	7	10	<5	60
0425N 2200E 1683	Soil	<5	<0.1	103	6	35	<5	<5	<3	4	<10	<2	0.2	5	11	<5	94
0450N 2200E 1684	Soil	<5	0.2	306	2	50	<5	<5	<3	5	<10	<2	0.2	3	14	<5	163
0475N 2200E 1685	Soil	<5	0.1	129	5	60	<5	<5	<3	7	<10	<2	<0.1	<1	7	<5	88
0500N 2200E 1686	Soil	<5	0.1	157	5	49	<5	<5	<3	3	<10	<2	<0.1	5	9	<5	118
0150N 2300E 1687	Soil	5	<0.1	145	4	38	28	<5	<3	3	<10	<2	<0.1	12	19	<5	130
0175N 2300E 1688	Soil	5	0.2	214	3	41	56	<5	<3	4	<10	<2	0.2	11	21	<5	144
0200N 2300E 1689	Soil	<5	0.1	178	<2	40	149	<5	<3	7	<10	<2	<0.1	15	25	<5	138
0225N 2300E 1690	Soil	<5	<0.1	116	3	44	84	<5	<3	2	<10	<2	<0.1	14	24	<5	114
0250N 2300E 1691	Soil	<5	<0.1	40	3	27	8	<5	<3	2	<10	<2	<0.1	6	9	<5	70
0275N 2300E 1692	Soil	<5	<0.1	25	2	32	5	<5	<3	2	<10	<2	<0.1	7	12	<5	73
0300N 2300E 1693	Soil	<5	<0.1	12	5	63	<5	<5	<3	2	<10	<2	0.2	12	9	<5	66
0325N 2300E 1694	Soil	<5	<0.1	16	3	28	10	<5	<3	3	<10	<2	0.1	7	10	<5	56
0350N 2300E 1695	Soil	<5	0.4	143	2	35	60	<5	<3	4	<10	<2	0.2	13	18	<5	137
0375N 2300E 1696	Soil	<5	0.1	106	3	25	28	<5	<3	2	<10	<2	<0.1	7	10	<5	100
0400N 2300E 1697	Soil	<5	0.1	192	4	29	13	<5	<3	3	<10	<2	0.2	5	15	<5	137
0425N 2300E 1698	Soil	<5	0.2	249	2	40	70	<5	<3	6	<10	<2	0.2	13	21	<5	153
0450N 2300E 1699	Soil	<5	0.2	232	5	35	24	<5	<3	6	<10	<2	<0.1	7	14	<5	188
0475N 2300E 1700	Soil	<5	0.4	299	2	50	46	<5	<3	5	<10	<2	<0.1	10	22	<5	195
0500N 2300E 1701	Soil	<5	0.4	250	4	46	46	<5	<3	16	<10	<2	0.6	21	21	<5	272
0150N 2400E 1702	Soil	<5	<0.1	31	4	30	25	<5	<3	3	<10	<2	<0.1	6	12	<5	66
0175N 2400E 1703	Soil	<5	0.4	278	2	49	122	<5	<3	5	<10	<2	0.1	6	18	<5	198
0200N 2400E 1704	Soil	5	0.3	244	3	35	165	<5	<3	7	<10	<2	0.3	8	18	<5	142
0225N 2400E 1705	Soil	10	0.3	180	<2	37	149	<5	<3	8	<10	<2	<0.1	12	16	<5	146
0250N 2400E 1706	Soil	10	0.1	8	5	16	<5	<5	<3	1	<10	<2	<0.1	2	3	<5	44
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0475N 2100E 1668	5	7	66	<2	186	1	1	0.01	0.30	4.11	0.35	0.21	0.02	0.02	0.05
0500N 2100E 1669	1	18	142	2	206	1	<1	<0.01	0.22	5.08	0.15	0.24	0.03	0.02	0.08
0100N 2200E 1670	11	43	80	4	21	<1	1	0.04	0.84	0.27	1.11	0.21	0.03	0.02	0.07
0125N 2200E 1671	14	31	104	7	75	<1	1	0.02	0.86	0.93	1.25	0.18	0.03	0.02	0.05
0150N 2200E 1672	42	65	162	7	36	1	2	0.04	1.06	0.37	2.22	0.41	0.05	0.03	0.05
0175N 2200E 1673	13	62	126	4	27	<1	2	0.06	0.95	0.28	1.31	0.26	0.05	0.02	0.03
0200N 2200E 1674	16	43	151	6	78	1	1	0.02	0.89	1.14	1.38	0.23	0.04	0.02	0.06
0225N 2200E 1675	13	16	564	5	229	1	1	0.01	0.58	5.09	0.80	0.28	0.02	0.02	0.14
0250N 2200E 1676	7	13	401	7	208	2	1	<0.01	0.54	4.78	0.60	0.26	0.03	0.02	0.13
0275N 2200E 1677	47	43	126	6	43	<1	1	0.03	0.58	0.56	1.40	0.26	0.05	0.03	0.04
0300N 2200E 1678	20	68	157	4	25	<1	2	0.07	1.09	0.29	1.71	0.57	0.03	0.02	0.04
0325N 2200E 1679	17	49	104	5	29	<1	1	0.03	0.81	0.39	1.35	0.28	0.03	0.02	0.05
0350N 2200E 1680	18	19	550	7	158	1	1	0.01	0.55	3.48	0.86	0.26	0.03	0.02	0.11
0375N 2200E 1681	16	46	80	6	62	<1	1	0.03	0.81	1.06	1.48	0.21	0.02	0.02	0.04
0400N 2200E 1682	47	68	367	4	54	<1	1	0.05	0.69	0.92	1.92	0.43	0.05	0.03	0.05
0425N 2200E 1683	16	44	234	5	103	1	1	0.02	0.67	1.98	1.45	0.27	0.03	0.02	0.06
0450N 2200E 1684	8	8	596	3	237	1	<1	<0.01	0.37	5.33	0.50	0.29	0.04	0.02	0.10
0475N 2200E 1685	<1	19	87	<2	206	1	<1	<0.01	0.17	4.86	0.21	0.27	0.02	0.02	0.05
0500N 2200E 1686	<1	17	322	5	192	2	<1	<0.01	0.32	4.25	1.12	0.21	0.02	0.02	0.07
0150N 2300E 1687	33	101	243	7	69	1	3	0.07	1.65	1.01	3.01	0.80	0.05	0.02	0.09
0175N 2300E 1688	35	115	460	9	93	1	3	0.04	1.42	1.44	2.69	0.60	0.05	0.02	0.11
0200N 2300E 1689	45	141	810	11	83	1	5	0.06	1.92	1.21	>5.00	0.79	0.07	0.02	0.14
0225N 2300E 1690	40	92	418	9	66	1	4	0.07	1.49	0.77	3.25	0.72	0.07	0.03	0.12
0250N 2300E 1691	18	70	195	4	33	<1	2	0.03	1.03	0.37	1.79	0.34	0.02	0.02	0.04
0275N 2300E 1692	21	99	151	7	26	1	2	0.05	1.01	0.36	2.45	0.35	0.03	0.02	0.09
0300N 2300E 1693	25	84	929	5	17	1	1	0.04	1.21	0.17	2.95	0.18	0.05	0.02	0.20
0325N 2300E 1694	31	137	125	5	23	1	1	0.06	0.99	0.25	3.16	0.21	0.04	0.02	0.05
0350N 2300E 1695	41	110	558	10	89	1	3	0.04	1.70	1.19	3.57	0.51	0.05	0.02	0.09
0375N 2300E 1696	24	50	640	4	102	<1	1	0.02	0.72	1.58	1.50	0.33	0.04	0.02	0.07
0400N 2300E 1697	19	30	831	7	197	1	1	0.01	0.70	2.97	1.23	0.31	0.03	0.02	0.10
0425N 2300E 1698	44	149	987	8	91	1	4	0.05	1.63	1.27	4.09	0.70	0.07	0.02	0.08
0450N 2300E 1699	21	42	1498	8	239	1	1	0.01	0.78	4.03	1.45	0.40	0.04	0.02	0.12
0475N 2300E 1700	50	86	1074	12	184	1	2	0.02	1.51	3.02	2.80	0.57	0.07	0.02	0.17
0500N 2300E 1701	45	139	5206	9	181	1	2	0.02	1.32	2.93	3.68	0.49	0.05	0.02	0.17
0150N 2400E 1702	24	116	150	3	28	1	1	0.06	0.87	0.48	2.95	0.33	0.02	0.02	0.04
0175N 2400E 1703	37	46	1474	21	147	1	2	0.01	1.41	3.33	1.74	0.25	0.02	0.02	0.17
0200N 2400E 1704	37	88	1695	16	60	1	3	0.02	1.72	0.99	3.14	0.31	0.03	0.02	0.16
0225N 2400E 1705	37	101	923	23	64	1	3	0.02	2.11	0.87	3.75	0.34	0.03	0.02	0.20
0250N 2400E 1706	6	23	54	2	27	<1	1	0.03	0.40	0.29	0.55	0.12	0.02	0.02	0.01
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0275N 2400E 1707	Soil	<5	<0.1	17	3	36	9	<5	<3	2	<10	<2	0.1	7	12	<5	54
0300N 2400E 1708	Soil	5	<0.1	11	4	20	5	<5	<3	1	<10	<2	0.1	5	7	<5	48
0325N 2400E 1709	Soil	5	<0.1	9	5	21	<5	<5	<3	1	<10	<2	<0.1	3	4	<5	60
0350N 2400E 1710	Soil	10	<0.1	30	6	27	7	<5	<3	1	<10	<2	0.1	6	11	<5	94
0375N 2400E 1711	Soil	5	0.3	225	<2	42	286	<5	<3	6	<10	<2	0.2	9	17	<5	166
0400N 2400E 1712	Soil	<5	0.2	161	6	46	<5	<5	<3	2	<10	<2	<0.1	7	12	<5	166
0425N 2400E 1713	Soil	<5	0.1	144	<2	50	<5	<5	<3	3	<10	<2	<0.1	7	16	<5	243
0450N 2400E 1714	Soil	<5	0.1	437	4	55	<5	<5	<3	5	<10	<2	0.2	4	14	<5	384
0475N 2400E 1715	Soil	5	<0.1	83	2	39	9	<5	<3	6	<10	<2	0.2	13	19	<5	113
0500N 2400E 1716	Soil	5	<0.1	111	<2	52	31	<5	<3	4	<10	<2	0.3	14	23	<5	101
0000N 1200E 1717	Soil	5	0.1	192	2	44	6	<5	<3	5	<10	<2	0.1	22	27	<5	136
0025N 1200E 1718	Soil	10	0.1	278	3	45	5	<5	<3	3	<10	<2	<0.1	12	29	<5	104
0050N 1200E 1719	Soil	<5	<0.1	287	3	45	7	<5	<3	3	<10	<2	0.2	15	29	<5	90
0075N 1200E 1720	Soil	5	0.4	225	<2	48	<5	<5	<3	7	<10	<2	0.1	17	22	<5	157
0100N 1200E 1721	Soil	5	0.2	392	3	49	8	<5	<3	3	<10	<2	0.2	14	30	<5	150
0125N 1200E 1722	Soil	<5	0.7	350	5	40	<5	<5	<3	2	<10	<2	0.1	13	17	<5	159
0150N 1200E 1723	Soil	5	0.7	626	2	75	15	<5	<3	5	<10	<2	<0.1	29	47	<5	221
0175N 1200E 1724	Soil	5	<0.1	156	7	56	7	<5	<3	3	<10	<2	0.2	17	28	<5	110
0200N 1200E 1725	Soil	5	0.3	373	4	71	10	6	<3	4	<10	<2	0.3	19	44	<5	150
0225N 1200E 1726	Soil	5	0.3	394	3	61	7	<5	<3	5	<10	<2	0.2	17	38	<5	147
0250N 1200E 1727	Soil	5	0.2	331	3	54	7	<5	<3	4	<10	<2	0.2	17	36	<5	111
0275N 1200E 1728	Soil	5	0.5	497	2	80	9	5	<3	5	<10	<2	0.2	22	46	<5	178
0300N 1200E 1729	Soil	<5	<0.1	19	6	42	<5	<5	<3	2	<10	<2	0.4	5	8	<5	117
0325N 1200E 1730	Soil	<5	0.2	249	6	48	9	<5	<3	3	<10	<2	0.1	12	27	<5	96
0350N 1200E 1731	Soil	<5	0.1	272	4	53	8	<5	<3	3	<10	<2	0.1	16	28	<5	116
0375N 1200E 1732	Soil	<5	1.3	1306	2	56	6	<5	<3	4	<10	<2	0.3	16	29	<5	472
0400N 1200E 1733	Soil	<5	0.1	384	<2	68	<5	<5	<3	2	<10	<2	0.1	20	9	<5	1036
0425N 1200E 1734	Soil	<5	0.1	252	2	55	5	<5	<3	2	<10	<2	0.1	18	10	<5	769
0450N 1200E 1735	Soil	<5	<0.1	343	<2	48	6	<5	<3	2	<10	<2	<0.1	19	9	<5	761
0475N 1200E 1736	Soil	5	<0.1	217	2	50	5	<5	<3	1	<10	<2	0.1	19	11	<5	811
0500N 1200E 1737	Soil	10	0.1	308	3	55	10	5	<3	3	<10	<2	0.2	21	22	<5	528
1738	Soil	<5	<0.1	83	2	39	56	<5	<3	3	<10	<2	0.2	12	18	<5	97
1739	Soil	<5	0.2	153	2	48	426	<5	<3	4	<10	<2	0.3	9	17	<5	160
0450N 1100E 1740	Soil	10	<0.1	97	3	30	7	<5	<3	2	<10	<2	<0.1	9	23	<5	30
0425N 1100E 1741	Soil	5	0.3	844	7	65	12	<5	<3	5	<10	<2	0.1	16	38	<5	126
0400N 1100E 1742	Soil	<5	<0.1	137	3	82	10	<5	<3	3	<10	<2	0.3	25	40	<5	128
0375N 1100E 1743	Soil	<5	<0.1	255	5	54	7	<5	<3	3	<10	<2	0.1	17	32	<5	82
0350N 1100E 1744	Soil	<5	0.2	287	4	63	6	<5	<3	3	<10	<2	0.2	18	38	<5	104
0325N 1100E 1745	Soil	5	0.3	402	5	60	10	5	<3	5	<10	<2	0.2	20	38	<5	109
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0275N 2400E 1707	28	120	127	4	21	1	2	0.05	1.42	0.30	4.03	0.26	0.02	0.02	0.35
0300N 2400E 1708	20	85	315	4	16	<1	1	0.03	0.73	0.15	2.60	0.12	0.03	0.02	0.14
0325N 2400E 1709	11	47	64	5	20	<1	1	0.03	0.77	0.16	1.63	0.13	0.03	0.02	0.04
0350N 2400E 1710	16	48	107	6	36	1	1	0.03	0.88	0.39	1.48	0.29	0.04	0.02	0.07
0375N 2400E 1711	41	72	1917	15	93	1	2	0.02	1.48	2.03	2.53	0.36	0.04	0.02	0.15
0400N 2400E 1712	19	30	1086	5	163	1	1	0.02	0.66	2.86	1.16	0.40	0.05	0.02	0.11
0425N 2400E 1713	37	43	2844	4	170	1	1	0.01	0.84	2.84	2.11	0.42	0.05	0.02	0.12
0450N 2400E 1714	28	45	4632	6	145	4	4	0.01	0.82	2.59	1.83	0.23	0.02	0.02	0.18
0475N 2400E 1715	58	95	1024	7	73	1	3	0.05	1.29	0.98	3.21	0.85	0.06	0.04	0.08
0500N 2400E 1716	60	123	686	5	66	1	4	0.05	1.43	0.87	4.70	0.94	0.04	0.02	0.12
0000N 1200E 1717	50	106	809	8	51	1	3	0.06	1.70	0.73	3.70	0.90	0.08	0.02	0.13
0025N 1200E 1718	52	84	310	8	58	1	4	0.06	1.58	0.91	2.85	0.87	0.11	0.02	0.10
0050N 1200E 1719	60	103	626	12	45	1	5	0.07	1.54	0.80	3.39	0.87	0.11	0.02	0.14
0075N 1200E 1720	36	74	2330	9	113	1	2	0.03	1.14	1.51	3.72	0.64	0.07	0.02	0.10
0100N 1200E 1721	48	81	667	17	80	2	6	0.06	1.91	1.04	3.37	0.80	0.11	0.02	0.11
0125N 1200E 1722	23	36	764	29	124	1	3	0.01	1.27	1.43	1.75	0.32	0.08	0.02	0.09
0150N 1200E 1723	66	144	1119	22	89	1	8	0.08	3.30	0.97	>5.00	1.19	0.16	0.02	0.08
0175N 1200E 1724	54	106	622	7	41	1	3	0.10	1.34	0.53	3.56	0.84	0.11	0.02	0.11
0200N 1200E 1725	63	115	837	12	64	1	6	0.09	2.30	0.83	4.24	1.22	0.15	0.02	0.12
0225N 1200E 1726	62	120	814	10	66	1	6	0.10	2.04	0.86	4.07	1.09	0.13	0.02	0.11
0250N 1200E 1727	59	110	649	12	59	1	6	0.08	1.83	0.78	3.81	0.97	0.16	0.02	0.10
0275N 1200E 1728	73	155	1034	13	60	1	6	0.07	2.56	0.78	>5.00	1.15	0.17	0.02	0.15
0300N 1200E 1729	30	74	147	3	25	1	1	0.05	0.40	0.34	1.98	0.15	0.07	0.02	0.05
0325N 1200E 1730	46	88	455	9	38	1	4	0.06	1.56	0.55	3.15	0.81	0.11	0.02	0.13
0350N 1200E 1731	44	92	561	10	44	<1	4	0.06	1.63	0.50	3.21	0.73	0.09	0.02	0.08
0375N 1200E 1732	26	65	1541	30	195	1	3	0.02	2.17	2.67	2.68	0.72	0.13	0.02	0.14
0400N 1200E 1733	5	70	1323	8	196	1	3	0.02	2.17	0.93	3.74	0.70	0.14	0.02	0.21
0425N 1200E 1734	11	84	547	6	461	1	4	0.02	2.27	1.01	3.97	0.80	0.13	0.02	0.13
0450N 1200E 1735	6	77	793	6	313	1	3	0.02	2.19	1.05	3.67	0.71	0.16	0.02	0.18
0475N 1200E 1736	10	80	996	6	244	1	3	0.02	2.08	1.30	3.57	0.84	0.20	0.02	0.16
0500N 1200E 1737	34	103	847	12	90	1	6	0.05	1.79	0.93	4.41	1.26	0.11	0.02	0.18
1738	36	117	880	7	56	1	2	0.05	0.99	0.90	3.46	0.60	0.06	0.02	0.13
1739	25	71	2378	10	89	1	2	0.02	1.29	2.01	2.64	0.39	0.03	0.02	0.16
0450N 1100E 1740	46	96	172	8	18	1	1	0.05	0.93	0.38	2.88	0.51	0.04	0.02	0.14
0425N 1100E 1741	54	107	1053	22	48	1	8	0.07	1.93	0.70	3.93	0.84	0.11	0.02	0.07
0400N 1100E 1742	64	114	539	7	34	1	4	0.15	2.01	0.53	4.50	1.26	0.12	0.02	0.31
0375N 1100E 1743	58	112	535	8	37	1	4	0.13	1.43	0.52	3.60	0.97	0.16	0.02	0.10
0350N 1100E 1744	80	149	613	10	65	1	5	0.11	1.63	0.93	4.31	1.00	0.18	0.02	0.12
0325N 1100E 1745	59	123	996	11	58	1	7	0.10	2.02	0.70	4.29	1.19	0.16	0.02	0.09
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0300N 1100E 1746	Soil	5	0.7	784	4	68	10	<5	<3	7	<10	<2	0.3	20	46	<5	204
0275N 1100E 1747	Soil	5	0.6	747	4	68	8	<5	<3	5	<10	<2	0.2	20	45	<5	209
0250N 1100E 1748	Soil	5	0.6	551	3	71	13	5	<3	5	<10	<2	0.4	21	43	<5	160
0225N 1100E 1749	Soil	10	0.1	153	6	46	6	<5	<3	3	<10	<2	0.2	15	27	<5	83
0200N 1100E 1750	Soil	5	0.3	357	3	64	9	5	<3	4	<10	<2	0.1	17	38	<5	139
0175N 1100E 1751	Soil	5	0.1	81	4	44	<5	<5	<3	2	<10	<2	0.3	8	15	<5	117
0150N 1100E 1752	Soil	5	0.3	404	6	60	12	<5	<3	4	<10	<2	0.1	18	36	<5	155
0125N 1100E 1753	Soil	10	0.6	545	2	63	12	<5	<3	5	<10	<2	0.1	16	39	<5	167
0100N 1100E 1754	Soil	5	1.0	635	<2	40	5	<5	<3	13	<10	<2	0.6	16	22	<5	217
0075N 1100E 1755	Soil	15	0.2	338	3	43	<5	<5	<3	4	<10	<2	0.3	11	19	<5	95
0050N 1100E 1756	Soil	5	0.7	543	<2	48	12	<5	<3	56	<10	<2	0.6	24	25	<5	278
0025N 1100E 1757	Soil	<5	0.4	412	3	59	7	<5	<3	6	<10	<2	0.3	16	30	<5	133
0000N 1100E 1758	Soil	<5	<0.1	264	4	52	7	5	<3	3	<10	<2	0.2	16	32	<5	93
1759	Soil	5	<0.1	87	<2	32	9	<5	<3	3	<10	<2	<0.1	9	14	<5	74
1760	Soil	5	0.2	143	2	45	416	<5	<3	4	<10	<2	0.3	9	17	<5	151
1761	Soil	5	0.1	86	<2	41	53	<5	<3	3	<10	<2	0.3	12	18	<5	96
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0300N 1100E 1746	61	129	1406	22	101	1	8	0.08	2.55	1.13	4.59	1.02	0.18	0.02	0.08
0275N 1100E 1747	63	111	1086	29	101	1	10	0.06	2.90	1.07	4.43	1.05	0.17	0.02	0.10
0250N 1100E 1748	62	134	936	13	66	1	7	0.08	2.43	0.77	4.96	1.16	0.19	0.02	0.09
0225N 1100E 1749	49	100	460	8	39	1	3	0.10	1.32	0.57	3.36	0.84	0.11	0.02	0.12
0200N 1100E 1750	53	108	898	11	76	1	6	0.08	2.20	0.88	4.04	1.09	0.12	0.02	0.09
0175N 1100E 1751	35	87	289	6	35	1	2	0.06	0.74	0.35	2.56	0.37	0.07	0.02	0.06
0150N 1100E 1752	55	120	903	15	69	1	6	0.07	2.41	0.82	4.26	1.04	0.13	0.02	0.12
0125N 1100E 1753	78	121	770	19	81	1	8	0.06	2.60	1.02	4.32	1.01	0.17	0.03	0.14
0100N 1100E 1754	46	82	2086	42	119	1	4	0.01	1.58	1.39	2.74	0.39	0.04	0.02	0.15
0075N 1100E 1755	38	85	613	15	44	1	4	0.05	1.08	0.74	2.59	0.68	0.06	0.02	0.16
0050N 1100E 1756	50	140	4143	25	192	2	3	0.01	1.45	2.50	>5.00	0.44	0.04	0.02	0.18
0025N 1100E 1757	69	118	1310	12	73	1	5	0.06	1.63	1.05	3.44	0.84	0.12	0.02	0.12
0000N 1100E 1758	61	105	571	11	55	1	5	0.09	1.54	0.91	3.44	0.96	0.11	0.02	0.14
1759	44	132	478	7	70	1	2	0.06	0.82	1.03	3.22	0.49	0.05	0.02	0.18
1760	24	72	2055	11	87	1	2	0.02	1.31	1.97	2.70	0.39	0.04	0.02	0.15
1761	41	124	899	7	57	<1	3	0.06	1.02	0.94	3.55	0.60	0.06	0.02	0.14
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0600N 2300E 1762	Soil	<5	0.6	295	6	52	6	<5	<3	7	<10	<2	2.2	7	22	<5	197
0625N 2300E 1763	Soil	<5	0.2	167	4	34	10	<5	<3	3	<10	<2	0.3	10	17	<5	114
0650N 2300E 1764	Soil	<5	0.2	183	5	42	7	<5	<3	3	<10	<2	1.7	6	13	<5	144
0675N 2300E 1765	Soil	<5	0.5	557	2	53	20	<5	<3	16	<10	<2	1.1	17	38	<5	469
0700N 2300E 1766	Soil	<5	0.4	354	<2	44	25	<5	<3	22	<10	<2	1.5	14	39	<5	453
0725N 2300E 1767	Soil	<5	0.6	352	3	45	28	<5	<3	5	<10	<2	0.4	14	22	<5	217
0750N 2300E 1768	Soil	<5	0.6	445	3	50	39	<5	3	4	<10	<2	0.6	15	25	<5	164
0775N 2300E 1769	Soil	<5	0.3	252	3	46	23	<5	<3	3	<10	<2	0.2	14	21	<5	144
0800N 2300E 1770	Soil	<5	0.6	483	5	46	27	<5	<3	4	<10	<2	0.4	14	25	<5	221
0825N 2300E 1771	Soil	<5	0.5	336	3	41	39	<5	<3	2	<10	<2	0.6	13	25	<5	132
0850N 2300E 1772	Soil	<5	0.6	408	<2	56	102	6	<3	3	<10	<2	0.4	14	34	<5	193
0875N 2300E 1773	Soil	<5	0.2	169	2	47	94	<5	<3	2	<10	<2	0.4	16	24	<5	109
0900N 2300E 1774	Soil	<5	0.3	190	4	44	94	<5	<3	3	<10	<2	0.3	15	22	<5	155
0925N 2300E 1775	Soil	10	0.1	34	7	33	10	<5	<3	1	<10	<2	0.4	9	12	<5	93
0950N 2300E 1776	Soil	<5	0.1	94	4	45	14	<5	<3	2	<10	<2	0.6	13	21	<5	73
0975N 2300E 1777	Soil	<5	<0.1	42	7	51	11	<5	<3	2	<10	<2	0.4	11	17	<5	107
1000N 2300E 1778	Soil	<5	0.3	216	3	85	10	<5	<3	3	<10	<2	0.8	25	36	<5	178
1025N 2300E 1779	Soil	<5	0.3	279	3	117	15	5	<3	2	<10	<2	0.4	24	40	<5	157
1050N 2300E 1780	Soil	<5	0.3	394	<2	110	14	<5	4	4	<10	<2	0.7	43	60	<5	226
1075N 2300E 1781	Soil	<5	0.2	98	6	91	13	5	3	3	<10	<2	0.9	25	29	<5	160
1100N 2300E 1782	Soil	<5	0.8	1475	<2	74	20	<5	4	4	<10	<2	0.8	28	57	<5	288
1125N 2300E 1783	Soil	<5	0.3	174	6	99	17	<5	4	3	<10	<2	0.7	25	35	<5	167
1150N 2300E 1784	Soil	<5	0.3	195	4	76	12	<5	<3	3	<10	<2	0.8	20	32	<5	165
1175N 2300E 1785	Soil	<5	0.2	103	<2	87	14	6	<3	4	<10	<2	0.5	22	40	<5	134
1200N 2300E 1786	Soil	<5	0.3	76	6	95	16	5	<3	3	<10	<2	0.5	21	22	<5	89
0525N 1200E 1787	Soil	5	0.2	298	3	54	11	<5	<3	3	<10	<2	0.5	20	19	<5	452
0550N 1200E 1788	Soil	<5	0.3	225	4	59	13	7	<3	4	<10	<2	0.6	24	17	<5	501
0575N 1200E 1789	Soil	<5	0.3	218	2	55	10	<5	<3	3	<10	<2	0.6	19	19	<5	291
0600N 1200E 1790	Soil	<5	0.2	175	2	68	10	<5	<3	3	<10	<2	0.3	19	13	<5	411
0625N 1200E 1791	Soil	<5	0.3	166	6	33	9	<5	<3	7	<10	<2	0.7	11	21	<5	119
0650N 1200E 1792	Soil	<5	0.1	95	5	29	9	<5	<3	4	<10	<2	0.3	11	17	<5	75
0675N 1200E 1793	Soil	<5	0.2	161	4	43	17	<5	3	3	<10	<2	0.5	16	26	<5	219
0700N 1200E 1794	Soil	15	<0.1	22	8	47	6	<5	<3	1	<10	<2	0.5	11	15	<5	210
0525N 1400E 1795	Soil	10	0.2	120	4	53	10	5	<3	6	<10	<2	0.5	14	26	<5	104
0550N 1400E 1796	Soil	<5	0.3	236	3	46	16	6	<3	8	<10	<2	0.8	16	29	<5	160
0575N 1400E 1797	Soil	<5	0.2	207	5	41	12	<5	<3	4	<10	<2	0.4	13	23	<5	178
0600N 1400E 1798	Soil	20	0.2	142	2	41	11	<5	<3	4	<10	<2	0.3	12	18	<5	159
0625N 1400E 1799	Soil	<5	0.3	235	4	54	9	<5	<3	5	<10	<2	0.2	7	12	<5	288
0650N 1400E 1800	Soil	5	0.3	182	3	39	17	<5	<3	3	<10	<2	0.4	13	16	<5	228
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0600N 2300E 1762	36	57	2425	17	160	1	2	0.01	1.27	2.60	2.29	0.29	0.05	0.02	0.16
0625N 2300E 1763	37	95	551	8	79	1	3	0.06	1.18	1.16	2.67	0.46	0.05	0.02	0.07
0650N 2300E 1764	34	42	622	8	203	1	1	0.02	0.79	3.44	1.51	0.45	0.05	0.02	0.12
0675N 2300E 1765	84	138	9227	15	171	1	4	0.04	2.07	2.57	3.62	0.60	0.08	0.02	0.18
0700N 2300E 1766	81	162	9561	12	129	1	5	0.05	1.84	1.86	3.54	0.60	0.10	0.02	0.14
0725N 2300E 1767	44	94	1326	11	267	1	2	0.02	1.24	4.32	2.87	0.45	0.06	0.02	0.19
0750N 2300E 1768	63	147	838	14	121	1	5	0.06	1.83	1.81	3.91	0.72	0.11	0.02	0.14
0775N 2300E 1769	47	121	340	9	96	1	4	0.08	1.57	1.44	3.19	0.75	0.08	0.02	0.09
0800N 2300E 1770	45	89	1573	17	194	1	3	0.02	1.77	3.02	2.57	0.58	0.08	0.02	0.18
0825N 2300E 1771	49	120	523	13	100	1	5	0.06	1.63	1.39	3.46	0.58	0.12	0.02	0.12
0850N 2300E 1772	88	131	526	17	100	1	5	0.05	2.42	1.30	4.02	0.82	0.10	0.02	0.13
0875N 2300E 1773	50	121	462	12	73	1	4	0.07	1.73	0.96	3.50	0.77	0.09	0.02	0.12
0900N 2300E 1774	51	131	367	10	89	1	5	0.09	1.79	1.38	3.35	0.85	0.11	0.02	0.15
0925N 2300E 1775	37	118	140	6	32	1	2	0.10	1.00	0.37	3.15	0.36	0.06	0.02	0.11
0950N 2300E 1776	47	159	230	6	26	1	3	0.13	1.49	0.43	4.98	0.74	0.10	0.02	0.33
0975N 2300E 1777	43	128	202	5	36	1	3	0.17	1.23	0.41	3.53	0.52	0.13	0.02	0.11
1000N 2300E 1778	66	158	2107	10	58	1	5	0.19	2.35	0.96	4.96	1.19	0.17	0.02	0.13
1025N 2300E 1779	70	169	659	8	62	1	6	0.20	2.46	0.98	>5.00	1.25	0.17	0.02	0.10
1050N 2300E 1780	81	234	2270	15	82	2	6	0.32	3.12	1.67	>5.00	1.89	0.20	0.05	0.30
1075N 2300E 1781	68	165	809	6	56	1	3	0.21	1.77	0.80	4.79	1.04	0.16	0.02	0.20
1100N 2300E 1782	76	194	1190	23	137	2	14	0.15	3.81	1.83	>5.00	1.22	0.26	0.02	0.12
1125N 2300E 1783	71	177	658	10	74	2	5	0.25	2.27	1.01	>5.00	1.33	0.29	0.02	0.19
1150N 2300E 1784	61	158	591	9	99	1	5	0.19	2.10	0.95	4.60	1.05	0.31	0.02	0.11
1175N 2300E 1785	102	214	287	5	41	2	4	0.25	2.04	0.45	>5.00	1.09	0.18	0.02	0.13
1200N 2300E 1786	53	223	336	5	31	2	4	0.29	1.94	0.45	>5.00	1.17	0.24	0.02	0.14
0525N 1200E 1787	38	123	594	11	193	1	5	0.07	1.98	1.22	4.37	0.99	0.12	0.02	0.17
0550N 1200E 1788	27	111	976	11	161	1	5	0.05	1.97	1.26	4.55	1.03	0.21	0.02	0.19
0575N 1200E 1789	38	110	743	9	170	1	3	0.06	1.73	1.60	3.87	0.90	0.33	0.02	0.20
0600N 1200E 1790	18	86	639	7	194	<1	3	0.03	1.92	1.26	3.89	0.81	0.14	0.02	0.15
0625N 1200E 1791	49	124	262	6	117	1	3	0.10	1.11	0.91	3.29	0.37	0.11	0.01	0.06
0650N 1200E 1792	40	90	192	7	85	1	2	0.08	1.11	0.75	2.78	0.45	0.08	0.02	0.05
0675N 1200E 1793	44	114	476	10	118	1	3	0.05	1.73	1.03	3.85	0.57	0.09	0.02	0.10
0700N 1200E 1794	43	91	477	6	36	1	2	0.08	0.75	0.39	2.73	0.32	0.09	0.02	0.14
0525N 1400E 1795	59	122	312	7	71	1	3	0.11	1.46	0.84	3.59	0.73	0.12	0.02	0.10
0550N 1400E 1796	55	146	843	11	69	1	4	0.10	1.52	0.74	3.96	0.67	0.09	0.02	0.10
0575N 1400E 1797	49	112	363	11	90	1	3	0.08	1.27	1.19	3.10	0.66	0.08	0.02	0.16
0600N 1400E 1798	46	121	318	8	66	<1	3	0.08	1.23	0.94	3.08	0.66	0.07	0.02	0.16
0625N 1400E 1799	30	64	704	8	288	1	1	0.02	0.76	3.85	1.48	0.39	0.05	0.02	0.13
0650N 1400E 1800	48	154	366	8	167	1	3	0.08	1.26	1.79	3.44	0.64	0.06	0.02	0.11
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0675N 1400E 1801	Soil	<5	0.4	299	6	41	22	<5	<3	5	<10	<2	0.5	16	23	<5	151
0700N 1400E 1802	Soil	<5	0.3	171	5	49	20	<5	<3	7	<10	<2	0.5	9	13	<5	132
0500N 1600E 1803	Soil	<5	0.1	50	4	36	<5	<5	<3	23	<10	<2	<0.1	<1	2	<5	32
0525N 1600E 1804	Soil	<5	<0.1	97	4	42	<5	<5	<3	12	<10	<2	<0.1	1	4	<5	36
0550N 1600E 1805	Soil	<5	<0.1	277	6	39	<5	<5	<3	8	<10	<2	<0.1	4	9	<5	41
0575N 1600E 1806	Soil	<5	0.3	673	5	42	21	<5	<3	10	<10	<2	0.5	18	25	<5	48
0600N 1600E 1807	Soil	<5	0.3	1880	5	44	8	<5	<3	11	<10	<2	<0.1	6	12	<5	51
0625N 1600E 1808	Soil	<5	0.2	1080	<2	73	16	6	3	7	<10	<2	0.5	42	54	<5	78
0650N 1600E 1809	Soil	<5	0.1	285	8	62	8	5	<3	5	<10	<2	0.7	17	24	<5	42
J675N 1600E 1810	Soil	<5	0.6	76	5	42	7	5	<3	13	<10	<2	0.5	13	18	<5	39
0700N 1600E 1811	Soil	<5	0.3	71	6	45	6	<5	3	5	<10	<2	0.5	16	17	<5	49
1100N 1800E 1812	Soil	<5	0.1	66	3	41	13	<5	<3	2	<10	<2	0.3	14	17	<5	57
1075N 1800E 1813	Soil	<5	0.2	63	6	75	24	6	<3	1	<10	<2	0.5	22	24	<5	106
1050N 1800E 1814	Soil	<5	<0.1	52	9	62	12	<5	<3	2	<10	<2	0.4	17	15	<5	95
1025N 1800E 1815	Soil	<5	<0.1	110	<2	122	19	6	<3	3	<10	<2	0.5	36	20	<5	87
1000N 1800E 1816	Soil	<5	0.2	248	4	69	19	5	3	17	<10	<2	0.7	32	35	<5	72
0975N 1800E 1817	Soil	<5	0.2	49	3	50	10	<5	<3	1	<10	<2	0.5	11	18	<5	77
0950N 1800E 1818	Soil	<5	<0.1	26	6	49	6	<5	<3	1	<10	<2	0.3	9	14	<5	67
0925N 1800E 1819	Soil	<5	0.2	65	7	123	15	5	<3	4	<10	<2	0.4	21	18	<5	86
0900N 1800E 1820	Soil	<5	0.1	26	6	58	11	<5	<3	3	<10	<2	0.3	12	14	<5	361
0875N 1800E 1821	Soil	<5	0.2	168	3	91	48	5	<3	8	<10	<2	0.6	39	27	<5	144
0850N 1800E 1822	Soil	<5	0.3	1074	<2	141	44	5	<3	4	<10	<2	1.0	67	108	<5	327
0800N 1800E 1824	Soil	<5	0.1	47	<2	85	10	10	4	6	<10	<2	0.5	35	78	<5	155
0775N 1800E 1825	Soil	<5	0.2	82	6	96	7	6	3	6	<10	<2	0.5	27	36	<5	143
0750N 1800E 1826	Soil	<5	0.1	136	5	47	8	<5	<3	4	<10	<2	0.4	14	20	<5	47
0725N 1800E 1827	Soil	<5	0.5	748	27	92	15	6	<3	5	<10	<2	0.5	16	20	<5	75
0700N 1800E 1828	Soil	<5	0.3	1968	2	84	18	5	<3	9	<10	<2	0.4	17	27	<5	78
0675N 1800E 1829	Soil	<5	0.1	387	5	46	57	<5	<3	6	<10	<2	0.4	15	22	<5	37
0650N 1800E 1830	Soil	<5	0.4	2089	<2	88	16	6	<3	7	<10	<2	0.5	27	46	<5	127
0625N 1800E 1831	Soil	<5	0.9	667	5	47	<5	<5	<3	3	<10	<2	0.1	3	17	<5	82
0600N 1800E 1832	Soil	<5	0.6	460	<2	81	13	6	<3	6	<10	<2	0.3	23	52	<5	196
0575N 1800E 1833	Soil	<5	0.4	293	4	69	16	6	<3	5	<10	<2	0.6	21	39	<5	140
0550N 1800E 1834	Soil	15	0.5	262	3	93	8	<5	<3	4	<10	<2	0.4	19	35	<5	173
0525N 1800E 1836	Soil	<5	0.5	342	2	61	10	5	<3	4	<10	<2	0.5	16	34	<5	172
1075N 2000E 1837	Soil	<5	0.2	50	7	139	7	<5	<3	2	<10	<2	0.6	18	17	<5	99
1050N 2000E 1838	Soil	<5	0.1	22	7	54	11	<5	<3	3	<10	<2	0.6	12	16	<5	44
1025N 2000E 1839	Soil	<5	0.2	70	7	62	16	5	<3	3	<10	<2	0.3	17	23	<5	48
1000N 2000E 1840	Soil	<5	1.3	1424	6	61	10	<5	<3	3	<10	<2	0.6	13	39	<5	94
0975N 2000E 1841	Soil	<5	0.6	448	<2	64	18	7	<3	3	<10	<2	0.6	20	42	<5	148
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0675N 1400E 1801	54	144	515	13	90	1	5	0.09	1.71	1.08	3.70	0.82	0.09	0.02	0.17
0700N 1400E 1802	37	172	216	8	110	1	3	0.12	1.17	1.21	4.06	0.41	0.09	0.02	0.07
0500N 1600E 1803	<1	43	21	<2	372	1	<1	<0.01	0.13	5.48	0.12	0.19	0.03	0.02	0.05
0525N 1600E 1804	<1	26	18	2	391	<1	<1	<0.01	0.14	6.25	0.11	0.20	0.03	0.02	0.06
0550N 1600E 1805	15	23	240	4	346	1	1	0.02	0.47	5.51	0.87	0.24	0.03	0.02	0.08
0575N 1600E 1806	71	155	498	10	122	1	3	0.13	1.46	1.68	4.19	0.76	0.13	0.02	0.11
0600N 1600E 1807	27	42	642	12	312	2	1	0.02	0.70	4.85	1.43	0.33	0.06	0.02	0.15
0625N 1600E 1808	110	300	819	23	116	4	9	0.52	3.24	1.90	>5.00	2.00	0.16	0.01	0.15
0650N 1600E 1809	64	178	235	4	46	2	3	0.24	1.41	0.61	4.63	0.84	0.13	0.02	0.10
0675N 1600E 1810	51	142	197	6	44	1	2	0.11	1.55	0.43	3.91	0.68	0.09	0.02	0.12
0700N 1600E 1811	34	173	248	5	103	2	3	0.27	1.47	1.39	4.16	0.74	0.16	0.02	0.06
1100N 1800E 1812	43	126	239	5	38	1	2	0.12	1.41	0.41	3.66	0.59	0.11	0.02	0.12
1075N 1800E 1813	36	161	372	6	53	2	3	0.23	1.98	0.35	4.36	0.97	0.28	0.02	0.08
1050N 1800E 1814	19	145	175	4	27	1	3	0.34	1.29	0.26	3.18	0.76	0.35	0.02	0.07
1025N 1800E 1815	26	258	351	2	19	1	3	0.49	2.90	0.22	>5.00	1.16	0.32	0.02	0.12
1000N 1800E 1816	102	312	324	2	30	1	4	0.42	2.09	0.49	>5.00	1.66	0.42	0.02	0.07
0975N 1800E 1817	48	142	188	6	28	1	2	0.11	1.47	0.42	4.27	0.54	0.07	0.02	0.32
0950N 1800E 1818	48	119	165	5	23	1	2	0.10	0.88	0.32	3.16	0.35	0.07	0.02	0.13
0925N 1800E 1819	45	182	671	4	31	1	4	0.23	1.55	0.35	>5.00	0.96	0.19	0.02	0.11
0900N 1800E 1820	9	64	576	4	318	<1	2	0.05	1.23	0.87	2.08	0.51	0.11	0.02	0.12
0875N 1800E 1821	60	256	735	3	88	2	5	0.29	2.39	0.65	>5.00	1.50	0.24	0.02	0.07
0850N 1800E 1822	154	228	2710	10	71	2	10	0.40	3.20	1.21	>5.00	2.44	0.89	0.02	0.16
0800N 1800E 1824	187	188	1387	5	55	1	4	0.26	3.24	1.13	>5.00	2.22	0.40	0.02	0.20
0775N 1800E 1825	75	138	1624	6	48	1	4	0.26	2.11	0.65	>5.00	1.09	0.28	0.02	0.24
0750N 1800E 1826	57	140	267	5	30	1	3	0.13	1.35	0.42	3.76	0.51	0.10	0.02	0.08
0725N 1800E 1827	34	121	289	7	25	1	3	0.08	1.99	0.33	4.50	0.59	0.09	0.02	0.25
0700N 1800E 1828	31	107	1068	13	50	1	4	0.07	2.50	0.55	4.52	0.62	0.14	0.01	0.11
0675N 1800E 1829	51	187	173	4	37	2	2	0.23	1.44	0.42	4.58	0.64	0.13	0.02	0.07
0650N 1800E 1830	70	158	1512	13	101	3	11	0.15	2.97	1.69	>5.00	1.26	0.22	0.02	0.11
0625N 1800E 1831	4	12	86	7	215	1	1	0.01	0.49	5.62	0.63	0.19	0.03	0.02	0.09
0600N 1800E 1832	69	144	1118	13	91	2	10	0.11	3.62	1.71	>5.00	1.18	0.21	0.02	0.08
0575N 1800E 1833	60	137	915	11	57	3	9	0.12	2.51	0.85	4.76	0.93	0.15	0.02	0.06
0550N 1800E 1834	51	132	1494	9	59	1	6	0.08	2.65	0.91	>5.00	0.67	0.11	0.02	0.12
0525N 1800E 1836	48	119	579	11	71	1	5	0.07	2.47	1.09	4.26	0.81	0.12	0.02	0.10
1075N 2000E 1837	44	148	368	6	30	2	3	0.20	1.43	0.43	4.40	0.66	0.22	0.02	0.11
1050N 2000E 1838	55	166	168	4	26	1	2	0.21	0.96	0.29	3.61	0.45	0.15	0.02	0.04
1025N 2000E 1839	55	190	234	5	25	2	3	0.20	1.95	0.28	>5.00	0.93	0.15	0.02	0.16
1000N 2000E 1840	31	91	732	15	136	1	3	0.04	1.40	2.99	2.71	0.42	0.10	0.02	0.11
0975N 2000E 1841	62	153	1049	11	75	1	7	0.09	2.40	1.23	4.72	0.84	0.18	0.02	0.07
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0950N 2000E 1842	Soil	<5	0.6	304	6	55	13	6	<3	3	<10	<2	0.6	17	28	<5	142
0925N 2000E 1843	Soil	<5	0.4	132	3	59	10	<5	<3	2	<10	<2	0.4	14	28	<5	115
0900N 2000E 1844	Soil	<5	0.2	186	6	61	5	<5	<3	3	<10	<2	0.6	18	27	<5	142
0875N 2000E 1845	Soil	<5	0.7	734	3	73	21	7	3	4	<10	<2	0.9	19	45	<5	152
0850N 2000E 1846	Soil	<5	0.4	2037	6	42	8	<5	<3	4	<10	<2	0.3	3	23	<5	83
0825N 2000E 1847	Soil	<5	0.4	1295	5	47	5	<5	<3	4	<10	<2	0.8	12	33	<5	96
0800N 2000E 1848	Soil	<5	0.5	532	<2	62	12	6	<3	4	<10	<2	0.5	21	32	<5	85
0775N 2000E 1849	Soil	<5	0.2	289	3	58	11	5	<3	3	<10	<2	0.3	20	28	<5	70
0750N 2000E 1850	Soil	<5	0.3	170	6	65	10	6	3	4	<10	<2	0.6	18	30	<5	66
0725N 2000E 1851	Soil	5	0.4	524	2	47	11	<5	<3	4	<10	<2	0.6	15	23	<5	45
0700N 2000E 1852	Soil	<5	0.2	215	4	45	13	5	<3	3	<10	<2	0.5	14	22	<5	56
0675N 2000E 1853	Soil	<5	0.3	150	8	56	5	<5	<3	3	<10	<2	1.1	8	15	<5	35
0650N 2000E 1854	Soil	<5	0.5	525	4	94	8	<5	<3	5	<10	<2	0.7	22	31	<5	111
0625N 2000E 1855	Soil	5	0.1	99	4	36	9	<5	<3	3	<10	<2	0.2	12	20	<5	62
0600N 2000E 1856	Soil	<5	0.4	236	4	59	13	5	<3	5	<10	<2	0.6	18	29	<5	110
0575N 2000E 1857	Soil	<5	0.1	55	2	42	8	<5	<3	2	<10	<2	0.3	9	13	<5	58
0550N 2000E 1858	Soil	<5	0.5	252	3	37	9	<5	<3	4	<10	<2	0.3	10	18	<5	98
0525N 2000E 1859	Soil	<5	0.2	64	5	37	11	<5	<3	2	<10	<2	0.5	12	17	<5	77
0525N 2200E 1860	Soil	<5	0.4	267	4	34	9	<5	<3	4	<10	<2	0.4	9	19	<5	94
0550N 2200E 1861	Soil	<5	0.5	222	4	27	<5	<5	<3	4	<10	<2	0.3	4	12	<5	131
0575N 2200E 1862	Soil	<5	0.6	365	4	49	17	<5	<3	4	<10	<2	0.7	13	27	<5	113
0600N 2200E 1863	Soil	<5	0.5	432	2	53	14	5	<3	4	<10	<2	1.0	17	35	<5	174
u625N 2200E 1864	Soil	<5	1.2	1067	3	37	6	<5	<3	5	<10	<2	1.2	10	34	<5	137
0650N 2200E 1865	Soil	<5	0.5	293	3	52	<5	<5	<3	4	<10	<2	0.2	4	14	<5	134
0675N 2200E 1866	Soil	<5	0.3	230	5	58	13	<5	<3	2	<10	<2	0.6	14	20	<5	89
0700N 2200E 1867	Soil	<5	0.3	370	6	48	<5	<5	<3	2	<10	<2	0.6	8	19	<5	101
0725N 2200E 1868	Soil	<5	0.2	322	3	44	<5	<5	<3	3	<10	<2	0.3	5	15	<5	119
0750N 2200E 1869	Soil	<5	0.4	437	3	68	7	<5	<3	3	<10	<2	0.4	13	29	<5	142
0775N 2200E 1870	Soil	<5	0.5	362	4	40	<5	<5	<3	2	<10	<2	0.7	4	16	<5	127
0800N 2200E 1871	Soil	<5	0.6	342	<2	33	<5	<5	<3	2	<10	<2	0.6	7	19	<5	115
0825N 2200E 1872	Soil	<5	0.3	443	7	76	11	<5	<3	5	<10	<2	1.6	22	29	<5	145
0850N 2200E 1873	Soil	<5	0.1	73	4	47	<5	<5	<3	4	<10	<2	0.3	4	6	<5	132
0875N 2200E 1874	Soil	<5	0.4	303	5	43	14	<5	<3	7	<10	<2	0.6	16	23	<5	111
0900N 2200E 1875	Soil	<5	0.5	397	7	60	46	<5	<3	7	<10	<2	0.7	15	30	<5	133
0925N 2200E 1876	Soil	<5	1.0	527	<2	42	38	<5	4	9	<10	<2	0.3	12	28	<5	208
0950N 2200E 1877	Soil	<5	0.7	398	6	51	69	<5	<3	5	<10	<2	1.0	16	34	<5	228
0975N 2200E 1878	Soil	<5	0.4	207	5	38	17	<5	<3	5	<10	<2	0.3	7	16	<5	154
1000N 2200E 1879	Soil	20	0.2	56	2	57	15	<5	<3	2	<10	<2	0.4	20	29	<5	241
1025N 2200E 1880	Soil	5	0.4	361	<2	63	27	<5	<3	4	<10	<2	0.2	19	40	<5	256
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0950N 2000E 1842	68	106	545	14	81	2	7	0.09	2.16	1.35	3.56	0.84	0.17	0.02	0.07
0925N 2000E 1843	51	115	405	9	55	1	5	0.10	1.80	0.76	3.75	0.73	0.13	0.02	0.05
0900N 2000E 1844	59	126	946	7	49	1	4	0.11	1.52	0.77	3.98	0.79	0.22	0.02	0.13
0875N 2000E 1845	66	147	1171	21	96	2	7	0.09	2.23	1.85	4.62	0.92	0.20	0.02	0.12
0850N 2000E 1846	7	31	578	6	181	1	1	0.01	0.34	4.69	0.59	0.28	0.08	0.02	0.11
0825N 2000E 1847	34	74	871	11	139	1	2	0.05	1.09	3.47	2.37	0.58	0.11	0.02	0.11
0800N 2000E 1848	54	156	1117	13	67	1	5	0.13	2.12	1.30	>5.00	0.98	0.31	0.02	0.21
0775N 2000E 1849	44	160	285	10	41	3	6	0.22	2.01	0.69	>5.00	0.90	0.31	0.02	0.22
0750N 2000E 1850	79	162	278	7	41	2	4	0.27	1.66	0.88	4.90	0.93	0.30	0.02	0.15
0725N 2000E 1851	40	164	281	10	46	1	3	0.13	1.58	0.98	4.50	0.63	0.09	0.02	0.07
0700N 2000E 1852	45	125	341	6	47	1	4	0.10	1.52	0.95	3.88	0.71	0.15	0.02	0.09
0675N 2000E 1853	49	109	107	4	39	1	1	0.09	0.62	0.64	2.62	0.29	0.08	0.02	0.04
0650N 2000E 1854	67	157	468	8	85	2	5	0.21	2.03	2.11	4.58	1.09	0.37	0.02	0.09
0625N 2000E 1855	39	110	339	9	40	1	3	0.08	1.16	0.71	3.28	0.62	0.08	0.02	0.14
0600N 2000E 1856	45	127	841	9	58	1	5	0.07	2.29	1.14	4.41	0.74	0.11	0.02	0.09
0575N 2000E 1857	31	94	295	6	38	<1	2	0.05	1.02	0.63	2.96	0.32	0.05	0.02	0.11
0550N 2000E 1858	29	79	486	10	76	1	2	0.03	1.50	2.08	2.73	0.48	0.07	0.02	0.12
0525N 2000E 1859	40	125	196	8	28	1	2	0.08	1.34	0.63	3.94	0.63	0.06	0.02	0.25
0525N 2200E 1860	30	84	345	11	69	1	2	0.03	1.17	1.29	2.52	0.50	0.06	0.02	0.15
0550N 2200E 1861	10	18	587	17	192	2	1	0.01	0.93	4.21	0.88	0.30	0.03	0.02	0.16
0575N 2200E 1862	52	119	688	16	72	1	4	0.04	1.63	1.37	3.77	0.69	0.09	0.02	0.17
0600N 2200E 1863	48	137	943	11	87	1	5	0.06	2.12	1.54	4.41	0.76	0.13	0.02	0.09
0625N 2200E 1864	25	62	1178	14	139	1	2	0.02	1.20	2.96	2.13	0.35	0.06	0.02	0.14
0650N 2200E 1865	11	22	823	18	195	2	2	0.01	0.98	4.74	1.03	0.37	0.06	0.02	0.14
0675N 2200E 1866	37	116	252	13	79	1	3	0.11	1.61	1.50	3.77	0.60	0.11	0.02	0.08
0700N 2200E 1867	20	62	633	8	140	1	1	0.03	0.98	3.33	1.96	0.45	0.08	0.02	0.11
0725N 2200E 1868	16	33	541	9	200	1	1	0.01	0.62	4.88	1.11	0.36	0.05	0.02	0.14
0750N 2200E 1869	49	124	458	14	145	1	3	0.09	1.60	3.16	3.59	0.87	0.20	0.02	0.17
0775N 2200E 1870	10	27	623	10	221	1	<1	0.01	0.63	4.92	0.97	0.35	0.05	0.02	0.13
0800N 2200E 1871	20	52	238	9	201	1	1	0.03	0.91	3.90	1.63	0.39	0.06	0.02	0.11
0825N 2200E 1872	43	166	380	13	94	2	5	0.20	1.64	0.94	4.68	0.57	0.13	0.02	0.06
0850N 2200E 1873	6	23	2514	3	211	1	<1	0.01	0.31	4.17	1.11	0.27	0.05	0.02	0.08
0875N 2200E 1874	56	97	1137	10	155	1	1	0.02	1.23	2.53	2.35	0.46	0.07	0.03	0.15
0900N 2200E 1875	61	221	463	16	136	1	4	0.21	1.89	2.00	>5.00	0.71	0.12	0.02	0.07
0925N 2200E 1876	62	154	366	35	160	1	4	0.02	2.45	2.52	2.71	0.49	0.09	0.02	0.18
0950N 2200E 1877	101	189	639	14	160	1	4	0.12	2.24	2.57	4.88	0.67	0.11	0.02	0.08
0975N 2200E 1878	35	67	439	8	198	1	1	0.03	0.80	3.45	1.72	0.35	0.05	0.03	0.12
1000N 2200E 1879	68	154	336	6	65	1	3	0.14	1.98	0.69	>5.00	1.04	0.13	0.02	0.48
1025N 2200E 1880	79	163	884	12	81	1	8	0.12	3.14	1.09	5.00	1.09	0.17	0.02	0.11
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1050N 2200E 1881	Soil	<5	0.2	244	2	58	18	6	<3	2	<10	<2	0.5	22	31	<5	119
1075N 2200E 1882	Soil	<5	<0.1	35	6	56	8	<5	<3	2	<10	<2	0.5	10	19	<5	71
1100N 2200E 1883	Soil	<5	0.4	192	5	38	37	<5	<3	2	<10	<2	0.5	11	20	<5	104
0525N 2300E 1884	Soil	<5	0.4	331	<2	30	59	<5	<3	10	<10	<2	0.6	15	21	<5	203
0550N 2300E 1885	Soil	<5	0.2	195	5	32	6	<5	<3	4	<10	<2	0.3	6	15	<5	166
0575N 2300E 1886	Soil	<5	0.2	222	<2	32	31	<5	<3	10	<10	<2	0.7	13	22	<5	105
0525N 2500E 1887	Soil	<5	0.4	216	<2	46	413	<5	<3	7	<10	<2	0.5	10	17	<5	218
0550N 2500E 1888	Soil	<5	0.2	28	<2	30	19	<5	<3	9	<10	<2	0.8	8	12	<5	227
0575N 2500E 1889	Soil	<5	0.3	229	3	40	<5	<5	<3	2	<10	<2	<0.1	3	12	<5	259
0600N 2500E 1890	Soil	<5	0.5	372	<2	59	<5	<5	<3	5	<10	<2	0.4	6	44	<5	419
0625N 2500E 1891	Soil	<5	0.4	333	<2	62	<5	<5	<3	6	<10	<2	0.6	18	22	<5	404
0650N 2500E 1892	Soil	<5	0.5	365	2	77	12	<5	<3	4	<10	<2	0.6	25	27	<5	359
0675N 2500E 1893	Soil	<5	0.6	569	3	60	15	<5	<3	3	<10	<2	0.5	17	23	<5	298
0700N 2500E 1894	Soil	<5	0.2	63	<2	55	16	<5	<3	1	<10	<2	0.5	12	27	<5	97
0725N 2500E 1895	Soil	<5	0.2	62	<2	55	12	<5	<3	1	<10	<2	0.4	12	21	<5	86
0750N 2500E 1896	Soil	<5	0.1	62	3	65	12	<5	<3	2	<10	<2	0.7	12	20	<5	110
0775N 2500E 1897	Soil	<5	0.4	422	3	77	11	<5	<3	2	<10	<2	1.3	17	32	<5	133
0800N 2500E 1898	Soil	<5	0.9	690	5	41	11	<5	<3	3	<10	<2	0.7	11	24	<5	284
0825N 2500E 1899	Soil	<5	0.3	291	3	44	<5	<5	<3	2	<10	<2	0.1	4	10	<5	240
0850N 2500E 1900	Soil	<5	0.4	458	3	43	<5	<5	<3	2	<10	<2	0.8	7	22	<5	340
0875N 2500E 1901	Soil	<5	0.4	325	3	42	12	<5	<3	3	<10	<2	0.3	12	23	<5	267
0900N 2500E 1902	Soil	<5	0.2	256	4	40	15	5	<3	3	<10	<2	0.5	13	24	<5	242
0925N 2500E 1903	Soil	<5	0.2	209	2	54	12	<5	<3	2	<10	<2	0.6	15	23	<5	252
0950N 2500E 1904	Soil	<5	0.2	233	3	67	10	<5	<3	2	<10	<2	0.6	18	22	<5	286
0975N 2500E 1905	Soil	<5	0.3	221	4	68	12	<5	<3	2	<10	<2	0.4	15	24	<5	284
1000N 2500E 1906	Soil	<5	0.1	105	4	41	9	<5	<3	2	<10	<2	0.4	13	17	<5	173
1025N 2500E 1907	Soil	<5	0.3	258	4	48	<5	<5	<3	3	<10	<2	0.1	5	15	<5	379
1050N 2500E 1908	Soil	<5	0.4	424	4	46	13	<5	<3	3	<10	<2	0.5	14	30	<5	212
1075N 2500E 1909	Soil	<5	0.2	516	4	61	5	<5	<3	3	<10	<2	0.1	4	11	<5	195
1100N 2500E 1910	Soil	<5	0.2	141	7	81	19	5	<3	3	<10	<2	0.3	24	16	<5	138
1125N 2500E 1911	Soil	<5	<0.1	224	<2	147	28	8	<3	3	<10	<2	0.5	37	17	<5	212
1150N 2500E 1912	Soil	<5	0.4	67	<2	60	12	5	<3	1	<10	<2	0.7	15	22	<5	79
1175N 2500E 1913	Soil	45	0.1	27	4	38	12	<5	<3	1	<10	<2	0.4	7	11	<5	60
1200N 2500E 1914	Soil	5	0.1	51	5	36	12	<5	<3	2	<10	<2	0.3	9	14	<5	48
1225N 2500E 1915	Soil	<5	<0.1	78	4	31	13	5	<3	2	<10	<2	0.4	13	20	<5	64
1250N 2500E 1916	Soil	<5	0.1	227	<2	69	660	5	<3	3	<10	<2	0.9	21	28	<5	82
1275N 2500E 1917	Soil	<5	0.2	162	<2	30	256	<5	<3	6	<10	<2	0.4	21	21	<5	28
1300N 2500E 1918	Soil	<5	0.7	547	8	42	159	<5	<3	5	<10	<2	1.4	9	36	<5	116
1325N 2500E 1919	Soil	<5	0.3	205	2	62	840	5	<3	8	<10	<2	0.8	19	29	<5	80
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1050N 2200E 1881	59	152	564	8	60	1	5	0.20	2.23	0.83	4.68	1.32	0.13	0.02	0.10
1075N 2200E 1882	56	127	188	4	26	1	2	0.12	1.04	0.29	3.61	0.53	0.11	0.02	0.16
1100N 2200E 1883	36	110	193	8	67	1	4	0.09	1.68	0.89	3.24	0.52	0.07	0.02	0.04
0525N 2300E 1884	45	126	3150	13	143	1	3	0.04	1.43	2.21	3.73	0.52	0.06	0.02	0.16
0550N 2300E 1885	31	37	1993	7	137	<1	2	0.03	1.02	2.01	1.24	0.42	0.04	0.02	0.09
0575N 2300E 1886	46	109	1894	14	87	1	4	0.04	1.49	1.28	3.80	0.47	0.05	0.02	0.12
0525N 2500E 1887	33	71	2538	13	132	1	2	0.02	1.48	2.84	2.66	0.45	0.05	0.02	0.18
0550N 2500E 1888	20	82	2874	3	109	1	1	0.02	0.69	1.79	>5.00	0.35	0.02	0.01	0.12
0575N 2500E 1889	13	10	1749	4	197	5	5	0.01	0.69	3.52	0.65	0.29	0.02	0.02	0.19
0600N 2500E 1890	32	49	8080	28	163	3	5	0.01	1.32	2.82	1.53	0.20	0.02	0.02	0.22
0625N 2500E 1891	17	54	9413	35	157	1	4	0.01	1.07	2.44	>5.00	0.19	0.03	0.02	0.13
0650N 2500E 1892	36	94	2796	21	142	1	6	0.03	2.33	1.82	3.52	0.67	0.15	0.02	0.12
0675N 2500E 1893	41	73	996	49	154	1	6	0.03	2.23	1.84	2.69	0.64	0.10	0.03	0.12
0700N 2500E 1894	37	111	240	7	30	1	3	0.07	1.85	0.41	3.66	0.53	0.05	0.02	0.29
0725N 2500E 1895	38	111	291	7	29	1	3	0.07	1.76	0.40	3.50	0.49	0.06	0.02	0.23
0750N 2500E 1896	63	160	288	5	31	1	3	0.11	1.54	0.40	4.73	0.57	0.10	0.02	0.32
0775N 2500E 1897	47	121	651	13	81	1	4	0.09	1.69	1.46	3.78	0.64	0.14	0.02	0.07
0800N 2500E 1898	28	81	951	24	169	1	3	0.02	1.63	3.18	2.46	0.42	0.06	0.02	0.22
0825N 2500E 1899	10	20	398	14	184	1	1	0.01	0.65	3.94	0.87	0.25	0.04	0.02	0.10
0850N 2500E 1900	26	44	868	7	174	1	1	0.02	0.67	3.85	1.29	0.38	0.06	0.02	0.10
0875N 2500E 1901	34	94	628	10	105	1	2	0.04	1.27	2.26	2.78	0.58	0.08	0.02	0.12
0900N 2500E 1902	56	130	344	8	88	1	3	0.06	1.43	1.89	3.59	0.70	0.08	0.02	0.12
0925N 2500E 1903	52	129	433	8	83	1	3	0.08	1.60	1.85	3.76	0.99	0.10	0.02	0.14
0950N 2500E 1904	33	140	737	8	93	1	4	0.13	1.55	2.06	3.74	1.05	0.15	0.02	0.11
0975N 2500E 1905	39	118	589	8	106	1	2	0.09	1.38	2.34	3.41	0.72	0.11	0.02	0.10
1000N 2500E 1906	47	97	544	5	71	1	2	0.08	1.00	1.49	2.77	0.63	0.09	0.03	0.09
1025N 2500E 1907	9	30	586	4	203	1	<1	0.01	0.60	4.75	0.94	0.34	0.04	0.02	0.13
1050N 2500E 1908	48	111	522	9	75	1	4	0.07	1.53	1.54	3.43	0.70	0.11	0.02	0.09
1075N 2500E 1909	12	27	130	25	135	3	6	0.01	1.20	2.76	0.76	0.21	0.03	0.02	0.22
1100N 2500E 1910	23	252	436	5	29	2	4	0.40	1.92	0.50	>5.00	1.06	0.24	0.02	0.08
1125N 2500E 1911	13	356	637	7	26	6	7	0.48	3.24	0.59	>5.00	2.32	0.75	0.02	0.36
1150N 2500E 1912	68	170	260	3	20	1	4	0.09	1.49	0.26	4.96	0.55	0.09	0.01	0.18
1175N 2500E 1913	34	107	138	5	21	<1	2	0.06	1.27	0.23	3.35	0.26	0.05	0.02	0.20
1200N 2500E 1914	42	120	148	6	24	1	2	0.08	1.34	0.30	3.35	0.38	0.07	0.02	0.09
1225N 2500E 1915	47	122	217	7	36	1	3	0.09	1.27	0.53	3.65	0.67	0.07	0.02	0.14
1250N 2500E 1916	30	154	728	11	78	1	5	0.13	1.76	2.04	4.52	1.25	0.21	0.02	0.19
1275N 2500E 1917	25	197	207	4	26	1	4	0.27	2.28	0.59	>5.00	1.59	0.12	0.02	0.07
1300N 2500E 1918	25	91	503	11	88	<1	2	0.06	0.76	2.08	2.52	0.20	0.08	0.02	0.09
1325N 2500E 1919	46	218	488	5	38	1	4	0.20	1.82	0.59	>5.00	0.76	0.16	0.02	0.08
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1350N 2500E 1920	Soil	<5	0.3	141	<2	142	910	9	<3	4	<10	<2	0.7	33	32	<5	105
1375N 2500E 1921	Soil	<5	0.2	238	<2	139	1047	10	<3	4	<10	<2	0.8	40	37	<5	98
1400N 2500E 1922	Soil	<5	0.3	136	<2	474	794	8	3	5	<10	<2	2.4	55	35	<5	155
1425N 2500E 1923	Soil	<5	0.3	1585	7	240	5136	14	<3	10	<10	<2	3.1	108	31	<5	76
1450N 2500E 1924	Soil	<5	0.3	276	3	180	372	6	<3	11	<10	<2	1.2	38	47	<5	253
1475N 2500E 1925	Soil	<5	0.2	57	5	134	72	6	<3	5	<10	<2	0.7	21	19	<5	199
1500N 2500E 1926	Soil	<5	0.7	661	2	36	106	<5	<3	15	<10	<2	0.3	16	38	<5	449
1525N 2500E 1927	Soil	<5	0.2	55	2	56	89	5	<3	5	<10	<2	0.4	12	11	<5	238
1550N 2500E 1928	Soil	<5	0.3	68	13	111	576	5	<3	6	<10	<2	0.9	15	17	<5	203
1575N 2500E 1929	Soil	15	0.3	106	48	181	776	<5	<3	4	<10	<2	2.0	22	28	<5	153
1600N 2500E 1930	Soil	15	0.4	114	118	213	1992	7	<3	2	<10	<2	1.9	26	19	<5	144
1625N 2500E 1931	Soil	10	0.7	120	270	377	1819	7	3	5	<10	<2	1.5	22	29	<5	323
1650N 2500E 1932	Soil	5	0.3	87	20	229	706	5	<3	4	<10	<2	1.2	27	24	<5	119
1675N 2500E 1933	Soil	<5	0.2	49	12	141	233	<5	<3	3	<10	<2	0.8	17	17	<5	135
1700N 2500E 1934	Soil	<5	0.2	31	19	65	62	<5	<3	2	<10	<2	0.5	16	11	<5	237
1725N 2500E 1935	Soil	<5	0.2	42	7	47	47	<5	<3	3	<10	<2	0.6	13	14	<5	97
1750N 2500E 1936	Soil	<5	0.2	112	27	366	378	6	<3	4	<10	<2	1.8	57	28	<5	84
1775N 2500E 1937	Soil	<5	0.1	161	19	401	231	5	<3	4	<10	<2	2.7	51	27	<5	79
1800N 2500E 1938	Soil	<5	0.1	109	30	367	291	5	<3	3	<10	<2	1.6	51	24	<5	204
1825N 2500E 1939	Soil	<5	0.3	61	17	265	80	6	<3	2	<10	<2	1.4	27	18	<5	103
1850N 2500E 1940	Soil	<5	0.4	120	51	215	96	7	<3	2	<10	<2	1.7	35	26	<5	227
1875N 2500E 1941	Soil	<5	0.2	51	48	166	42	5	3	2	<10	<2	1.4	30	20	<5	58
1900N 2500E 1942	Soil	<5	0.2	53	40	163	32	5	<3	2	<10	<2	2.0	37	15	<5	128
1925N 2500E 1943	Soil	<5	0.2	75	9	183	53	<5	3	1	<10	<2	0.7	25	13	<5	261
1950N 2500E 1944	Soil	<5	0.3	68	15	223	50	5	<3	2	<10	<2	0.7	33	17	<5	136
1975N 2500E 1945	Soil	<5	0.3	83	6	182	32	<5	<3	2	<10	<2	0.6	16	12	<5	169
2000N 2500E 1946	Soil	<5	0.2	81	3	112	21	6	<3	4	<10	<2	0.2	14	12	<5	188
0525N 2400E 1947	Soil	<5	0.3	244	<2	31	108	5	<3	8	<10	<2	0.8	11	14	<5	343
0550N 2400E 1948	Soil	<5	0.5	314	<2	29	24	6	<3	13	<10	<2	0.7	17	33	<5	1038
0575N 2400E 1949	Soil	<5	0.6	261	<2	27	65	10	<3	15	<10	<2	1.1	28	27	<5	704
0600N 2400E 1950	Soil	<5	1.0	1119	<2	51	<5	8	<3	59	<10	<2	1.8	42	124	<5	2479
0625N 2400E 1951	Soil	<5	0.4	507	2	48	14	<5	<3	6	<10	<2	0.5	20	32	<5	289
0650N 2400E 1952	Soil	<5	0.3	431	<2	51	18	5	<3	4	<10	<2	0.4	21	29	<5	221
0675N 2400E 1953	Soil	<5	0.2	26	5	52	9	<5	<3	1	<10	<2	0.5	8	12	<5	92
0700N 2400E 1954	Soil	<5	0.4	213	4	51	15	<5	<3	2	<10	<2	0.1	11	18	<5	173
0725N 2400E 1955	Soil	<5	0.2	162	4	57	17	5	<3	2	<10	<2	0.4	16	24	<5	99
0750N 2400E 1956	Soil	<5	0.7	700	2	113	27	6	<3	6	<10	<2	1.0	26	40	<5	246
0775N 2400E 1957	Soil	<5	0.9	521	6	120	17	6	<3	4	<10	<2	0.9	31	43	<5	220
0800N 2400E 1958	Soil	<5	0.4	635	3	79	14	<5	<3	3	<10	<2	1.0	18	28	<5	158
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1350N 2500E 1920	57	250	764	5	24	2	7	0.23	2.72	0.43	>5.00	1.48	0.34	0.02	0.16
1375N 2500E 1921	46	260	996	5	29	2	7	0.26	2.90	0.60	>5.00	1.43	0.18	0.02	0.15
1400N 2500E 1922	61	249	2033	3	34	1	5	0.16	2.23	0.42	>5.00	0.71	0.14	0.01	0.33
1425N 2500E 1923	11	274	2414	9	40	3	10	0.03	3.70	0.75	>5.00	0.63	0.06	<0.01	0.41
1450N 2500E 1924	66	172	4106	8	62	1	9	0.24	2.31	1.33	>5.00	1.13	0.17	0.02	0.13
1475N 2500E 1925	41	169	504	5	43	1	4	0.10	2.20	0.34	>5.00	0.73	0.14	0.02	0.10
1500N 2500E 1926	29	51	4180	50	129	2	5	0.01	1.65	3.72	2.13	0.35	0.05	0.02	0.31
1525N 2500E 1927	14	138	316	4	49	1	3	0.01	2.11	0.33	>5.00	0.40	0.09	0.01	0.09
1550N 2500E 1928	31	190	325	5	96	1	4	0.06	2.71	0.45	>5.00	0.97	0.12	0.02	0.07
1575N 2500E 1929	36	142	336	5	119	1	4	0.10	2.63	0.57	4.77	0.86	0.17	0.02	0.05
1600N 2500E 1930	25	111	576	5	136	1	3	0.05	2.47	0.78	>5.00	0.59	0.18	0.01	0.15
1625N 2500E 1931	31	162	333	5	326	1	4	0.05	3.85	0.85	>5.00	1.04	0.18	0.02	0.11
1650N 2500E 1932	27	160	476	4	139	1	4	0.10	2.98	1.12	>5.00	0.85	0.24	0.02	0.06
1675N 2500E 1933	22	137	239	6	133	1	3	0.06	2.77	0.60	4.41	0.60	0.10	0.02	0.08
1700N 2500E 1934	10	69	265	5	163	1	2	0.04	2.39	0.68	2.56	0.37	0.11	0.02	0.05
1725N 2500E 1935	22	96	702	7	72	<1	3	0.02	1.99	0.62	3.11	0.59	0.10	0.01	0.05
1750N 2500E 1936	23	221	1368	4	58	1	6	0.12	2.52	0.53	>5.00	0.73	0.13	0.01	0.14
1775N 2500E 1937	24	173	1428	7	59	1	5	0.13	3.40	0.44	>5.00	1.03	0.11	0.03	0.05
1800N 2500E 1938	25	203	1063	4	66	1	5	0.19	3.27	0.92	>5.00	1.46	0.57	0.03	0.19
1825N 2500E 1939	14	190	634	4	78	1	3	0.20	3.04	0.68	>5.00	0.99	0.18	0.02	0.09
1850N 2500E 1940	17	167	497	4	363	2	6	0.13	4.56	0.71	>5.00	1.30	0.16	0.04	0.11
1875N 2500E 1941	23	236	634	3	59	2	6	0.29	3.02	0.67	>5.00	1.64	0.22	0.03	0.07
1900N 2500E 1942	19	182	1708	4	51	1	4	0.28	2.20	0.58	4.80	1.15	0.35	0.03	0.07
1925N 2500E 1943	12	250	802	4	40	2	4	0.27	3.27	0.49	>5.00	1.88	0.39	0.03	0.13
1950N 2500E 1944	17	215	876	3	62	2	5	0.25	3.45	0.64	>5.00	1.55	0.32	0.05	0.12
1975N 2500E 1945	12	199	762	3	41	2	3	0.17	3.29	0.66	>5.00	1.41	0.24	0.04	0.25
2000N 2500E 1946	20	209	345	5	111	3	4	0.29	3.69	0.61	>5.00	1.41	0.39	0.03	0.14
0525N 2400E 1947	20	97	5990	4	156	2	3	0.01	0.81	2.68	>5.00	0.19	0.02	0.01	0.25
0550N 2400E 1948	18	51	>10000	7	191	<1	2	0.01	0.87	3.14	>5.00	0.30	0.08	0.05	0.21
0575N 2400E 1949	24	99	>10000	8	141	<1	1	0.01	0.88	2.05	>5.00	0.24	0.03	0.01	0.15
0600N 2400E 1950	68	91	>10000	26	146	<1	5	0.01	1.62	1.82	>5.00	0.19	0.09	0.06	0.21
0625N 2400E 1951	47	116	4312	24	100	<1	7	0.04	2.33	1.39	4.30	0.66	0.10	0.02	0.12
0650N 2400E 1952	51	121	1467	26	105	<1	6	0.04	2.47	1.50	4.02	0.84	0.11	0.02	0.11
0675N 2400E 1953	32	104	169	6	23	1	2	0.05	1.05	0.32	3.40	0.34	0.05	0.02	0.33
0700N 2400E 1954	37	92	267	13	66	<1	2	0.05	1.93	0.93	2.86	0.52	0.06	0.02	0.10
0725N 2400E 1955	43	110	440	8	48	1	4	0.11	1.80	0.81	3.54	0.89	0.08	0.02	0.13
0750N 2400E 1956	58	213	3309	16	88	1	9	0.11	2.99	1.33	>5.00	0.98	0.14	0.02	0.13
0775N 2400E 1957	66	172	2197	10	59	2	7	0.15	2.42	0.79	>5.00	0.94	0.15	0.02	0.07
0800N 2400E 1958	47	122	1132	22	86	1	7	0.09	1.77	1.24	3.84	0.79	0.09	0.02	0.08
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0825N 2400E 1959	Soil	<5	0.4	503	6	83	17	5	<3	4	<10	<2	0.3	26	39	<5	148
0850N 2400E 1960	Soil	<5	0.5	322	4	53	20	6	<3	4	<10	<2	0.9	19	27	<5	177
0875N 2400E 1961	Soil	<5	0.4	478	4	66	20	<5	<3	3	<10	<2	0.7	18	31	<5	131
0900N 2400E 1962	Soil	<5	0.3	266	6	69	13	5	<3	2	<10	<2	0.5	20	37	<5	95
0925N 2400E 1963	Soil	<5	0.3	366	7	53	10	<5	<3	3	<10	<2	0.6	16	20	<5	106
0950N 2400E 1964	Soil	<5	0.8	921	5	75	20	8	<3	7	<10	<2	0.6	26	43	<5	176
0975N 2400E 1965	Soil	<5	0.5	699	5	42	6	<5	<3	2	<10	<2	0.5	12	19	<5	106
1000N 2400E 1966	Soil	<5	0.3	64	6	84	10	<5	<3	2	<10	<2	0.6	13	20	<5	97
1025N 2400E 1967	Soil	<5	0.2	124	5	39	11	<5	<3	2	<10	<2	0.4	11	17	<5	37
1050N 2400E 1968	Soil	<5	0.1	91	4	64	14	<5	<3	2	<10	<2	0.3	15	19	<5	87
1075N 2400E 1969	Soil	10	0.2	82	13	65	10	5	<3	3	<10	<2	0.4	11	9	<5	47
1100N 2400E 1970	Soil	<5	0.2	42	16	45	7	<5	<3	4	<10	<2	0.5	10	6	<5	94
1125N 2400E 1971	Soil	<5	0.2	186	<2	76	22	5	<3	3	<10	<2	0.3	24	21	<5	261
1150N 2400E 1972	Soil	<5	0.1	200	<2	60	13	5	<3	2	<10	<2	0.3	27	27	<5	314
1175N 2400E 1973	Soil	<5	0.2	24	7	63	9	<5	<3	2	<10	<2	0.5	10	12	<5	173
1200N 2400E 1974	Soil	<5	0.3	154	5	59	<5	<5	<3	9	<10	<2	0.2	3	8	<5	170
1225N 2400E 1975	Soil	<5	0.4	662	<2	70	24	<5	<3	3	<10	<2	0.6	23	20	<5	151
1250N 2400E 1976	Soil	<5	0.8	562	6	106	24	5	<3	2	<10	<2	1.0	21	36	<5	365
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0825N 2400E 1959	68	164	1214	11	55	2	9	0.19	2.23	0.80	>5.00	1.05	0.13	0.02	0.08
0850N 2400E 1960	54	151	533	10	45	1	5	0.11	2.01	0.43	4.89	0.65	0.12	0.02	0.10
0875N 2400E 1961	50	135	556	12	55	1	6	0.08	2.35	0.58	4.59	0.80	0.13	0.02	0.09
0900N 2400E 1962	87	139	467	11	57	1	4	0.14	1.87	0.74	4.24	0.94	0.10	0.02	0.13
0925N 2400E 1963	43	115	692	14	61	1	4	0.08	1.55	0.64	3.59	0.49	0.09	0.02	0.07
0950N 2400E 1964	54	187	1793	22	82	1	8	0.12	3.24	0.84	>5.00	0.95	0.18	0.02	0.11
0975N 2400E 1965	42	67	468	19	127	1	2	0.05	1.21	1.65	2.22	0.52	0.08	0.02	0.07
1000N 2400E 1966	51	144	241	5	45	1	3	0.19	1.52	0.46	4.77	0.72	0.20	0.02	0.34
1025N 2400E 1967	38	133	181	5	24	1	3	0.11	1.35	0.36	3.98	0.53	0.06	0.02	0.14
1050N 2400E 1968	47	161	227	6	22	2	3	0.16	1.81	0.46	>5.00	0.78	0.11	0.02	0.42
1075N 2400E 1969	14	131	172	4	14	2	3	0.22	1.07	0.26	4.52	0.42	0.12	0.02	0.21
1100N 2400E 1970	8	70	872	3	12	1	2	0.15	0.57	0.15	3.24	0.16	0.13	0.02	0.07
1125N 2400E 1971	36	271	507	4	47	4	8	0.33	2.45	0.58	>5.00	1.42	0.50	0.02	0.08
1150N 2400E 1972	34	205	815	8	54	2	9	0.24	2.82	0.88	>5.00	2.00	0.58	0.02	0.18
1175N 2400E 1973	43	120	345	6	27	1	2	0.08	1.07	0.36	3.44	0.32	0.07	0.02	0.25
1200N 2400E 1974	1	23	143	<2	166	1	<1	<0.01	0.22	4.22	0.26	0.15	0.02	0.02	0.09
1225N 2400E 1975	16	189	312	9	85	1	6	0.12	2.58	1.62	>5.00	1.17	0.13	0.02	0.10
1250N 2400E 1976	54	137	1168	15	78	1	7	0.10	2.18	1.45	4.67	1.02	0.15	0.02	0.10
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm
0525N 3000E 1977	Soil	--	5	<0.1	41	7	39	6	<5	<3	3	<10	<2	0.2	8	11	<5
0550N 3000E 1978	Soil	--	<5	0.4	131	<2	65	9	<5	3	11	<10	<2	0.2	10	31	<5
0575N 3000E 1979	Soil	--	5	0.1	4	8	15	5	<5	<3	1	<10	<2	0.1	3	3	<5
0600N 3000E 1980	Soil	--	<5	<0.1	24	5	48	10	<5	<3	1	<10	<2	0.1	8	14	<5
0625N 3000E 1981	Soil	--	5	<0.1	14	6	32	7	<5	<3	1	<10	<2	0.3	6	10	<5
0650N 3000E 1982	Soil	--	5	0.2	26	4	33	6	<5	<3	1	<10	<2	0.2	5	11	<5
0675N 3000E 1983	Soil	--	<5	1.1	135	<2	104	<5	5	<3	30	<10	<2	1.0	58	38	<5
0700N 3000E 1984	Soil	--	<5	0.3	131	<2	51	11	6	<3	26	<10	<2	0.9	26	20	<5
0725N 3000E 1985	Soil	--	<5	<0.1	224	<2	60	10	<5	<3	10	<10	<2	0.7	18	25	<5
0750N 3000E 1986	Soil	--	10	<0.1	81	3	52	9	<5	<3	3	<10	<2	0.3	20	24	<5
0775N 3000E 1987	Soil	--	5	<0.1	51	3	40	10	<5	<3	1	<10	<2	0.1	8	16	<5
0800N 3000E 1988	Soil	--	<5	<0.1	52	3	63	10	<5	<3	2	<10	<2	0.2	12	27	<5
0825N 3000E 1989	Soil	--	<5	<0.1	109	3	88	10	5	<3	5	<10	<2	0.5	31	31	<5
0850N 3000E 1990	Soil	--	<5	0.1	158	<2	75	22	6	<3	4	<10	<2	0.2	25	50	<5
0875N 3000E 1991	Soil	--	5	0.1	14	5	28	5	<5	<3	2	<10	<2	0.2	6	7	<5
0900N 3000E 1992	Soil	--	15	<0.1	21	6	43	8	<5	<3	3	<10	<2	0.3	9	12	<5
0925N 3000E 1993	Soil	--	5	<0.1	16	5	26	6	<5	<3	3	<10	<2	0.2	6	9	<5
0950N 3000E 1994	Soil	--	5	<0.1	12	4	21	8	<5	<3	1	<10	<2	0.2	6	11	<5
0975N 3000E 1995	Soil	--	<5	<0.1	181	<2	100	15	5	<3	4	<10	<2	0.1	27	39	<5
1000N 3000E 1996	Soil	--	10	<0.1	16	4	49	8	<5	<3	2	<10	<2	0.4	8	14	<5
1025N 3000E 1997	Soil	--	<5	<0.1	39	7	71	<5	<5	<3	12	<10	<2	0.7	17	8	<5
1050N 3000E 1998	Soil	--	<5	<0.1	66	<2	29	11	<5	<3	7	<10	<2	0.2	10	17	<5
1075N 3000E 1999	Soil	--	5	<0.1	11	3	52	<5	<5	<3	12	<10	<2	0.3	6	6	<5
1100N 3000E 2000	Soil	--	<5	<0.1	29	2	35	7	<5	<3	3	<10	<2	0.3	8	13	<5
1125N 3000E 2001	Soil	--	5	<0.1	8	5	19	6	<5	<3	3	<10	<2	0.1	4	5	<5
1150N 3000E 2002	Soil	--	<5	<0.1	5	6	23	5	<5	<3	2	<10	<2	0.2	4	5	<5
1175N 3000E 2003	Soil	--	5	<0.1	22	5	47	10	<5	<3	2	<10	<2	0.4	7	11	<5
1200N 3000E 2004	Soil	--	10	<0.1	18	4	25	8	<5	<3	1	<10	<2	0.2	5	8	<5
1225N 3000E 2005	Soil	--	<5	<0.1	44	<2	69	14	<5	<3	2	<10	<2	0.3	10	12	<5
1250N 3000E 2006	Soil	--	<5	<0.1	39	4	166	5	<5	<3	4	<10	<2	0.9	17	9	<5
0525N 3100E 2007	Soil	--	<5	<0.1	36	<2	61	10	<5	<3	3	<10	<2	0.3	9	13	<5
0550N 3100E 2008	Soil	--	<5	<0.1	10	5	25	5	5	<3	2	<10	<2	0.4	5	7	<5
0575N 3100E 2009	Soil	--	<5	0.1	251	<2	85	<5	<5	<3	14	<10	<2	0.9	6	13	<5
0600N 3100E 2010	Soil	--	<5	<0.1	173	<2	59	50	<5	3	31	<10	<2	0.7	14	36	<5
0625N 3100E 2011	Soil	--	5	<0.1	18	4	33	6	<5	<3	2	<10	<2	0.2	7	11	<5
0650N 3100E 2012	Soil	--	5	<0.1	15	7	26	<5	<5	<3	1	<10	<2	0.2	5	8	<5
0675N 3100E 2013	Soil	--	<5	<0.1	9	7	27	<5	<5	<3	1	<10	<2	0.2	5	5	<5
0700N 3100E 2014	Soil	--	<5	<0.1	11	6	26	6	<5	<3	2	<10	<2	0.1	5	7	<5
0725N 3100E 2015	Soil	--	5	<0.1	14	7	24	7	<5	<3	1	<10	2	0.2	5	6	<5
Minimum Detection		5	5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5
Maximum Detection		10000	10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000
Method		FA/AAS	GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Ba ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0525N 3000E 1977	101	16	56	213	8	55	1	2	0.06	1.31	0.45	1.90	0.41	0.06	0.02	0.07
0550N 3000E 1978	272	42	74	2084	17	106	1	4	0.03	2.66	1.92	3.06	0.60	0.10	0.02	0.23
0575N 3000E 1979	39	6	31	71	6	27	1	1	0.07	0.63	0.20	0.66	0.08	0.03	0.02	0.02
0600N 3000E 1980	82	25	87	188	7	30	1	3	0.09	1.63	0.30	2.83	0.43	0.06	0.02	0.14
0625N 3000E 1981	51	18	54	126	7	29	1	2	0.10	0.98	0.26	1.64	0.31	0.04	0.02	0.07
0650N 3000E 1982	69	17	50	136	6	34	1	1	0.05	1.20	0.33	1.57	0.36	0.05	0.02	0.06
0675N 3000E 1983	507	48	158	8827	22	143	1	3	0.02	3.27	1.95	>5.00	0.55	0.11	0.02	0.17
0700N 3000E 1984	262	45	142	3425	20	103	1	2	0.02	1.85	1.60	>5.00	0.53	0.05	0.02	0.22
0725N 3000E 1985	263	73	121	1127	25	106	1	3	0.02	2.33	1.52	3.80	0.59	0.06	0.02	0.25
0750N 3000E 1986	150	59	117	743	10	57	1	3	0.06	2.02	0.83	3.82	0.77	0.10	0.03	0.13
0775N 3000E 1987	88	28	82	193	8	38	1	2	0.07	1.55	0.46	2.15	0.52	0.06	0.02	0.10
0800N 3000E 1988	90	30	91	296	7	39	1	2	0.08	1.77	0.50	2.75	0.73	0.06	0.02	0.09
0825N 3000E 1989	191	49	171	2334	9	57	1	3	0.09	2.87	0.66	4.58	0.84	0.11	0.02	0.10
0850N 3000E 1990	324	62	219	1019	13	70	1	6	0.10	4.09	0.77	>5.00	0.97	0.14	0.02	0.09
0875N 3000E 1991	101	22	93	109	5	36	1	2	0.10	0.73	0.30	2.02	0.16	0.05	0.02	0.04
0900N 3000E 1992	70	52	165	152	5	21	2	2	0.15	1.06	0.23	4.11	0.24	0.06	0.02	0.19
0925N 3000E 1993	37	31	107	106	4	24	1	1	0.11	0.70	0.24	2.43	0.21	0.05	0.02	0.05
0950N 3000E 1994	28	29	105	120	5	27	1	2	0.07	0.98	0.25	3.03	0.21	0.04	0.02	0.10
0975N 3000E 1995	174	57	156	1066	7	38	1	5	0.10	3.55	0.32	>5.00	1.26	0.15	0.02	0.12
1000N 3000E 1996	76	31	107	146	5	27	2	2	0.06	1.43	0.28	3.37	0.30	0.04	0.02	0.21
1025N 3000E 1997	210	21	74	3777	11	47	<1	3	0.06	1.18	0.80	3.45	0.60	0.11	0.03	0.22
1050N 3000E 1998	59	34	116	220	7	40	1	3	0.10	1.44	0.56	3.20	0.53	0.05	0.02	0.14
1075N 3000E 1999	71	9	96	538	6	26	1	2	0.08	1.00	0.40	3.06	0.31	0.07	0.02	0.09
1100N 3000E 2000	64	28	99	190	6	36	1	2	0.09	1.09	0.36	2.65	0.39	0.04	0.02	0.07
1125N 3000E 2001	38	22	78	166	4	26	1	2	0.08	0.84	0.23	2.04	0.11	0.03	0.02	0.09
1150N 3000E 2002	57	17	62	113	5	30	1	1	0.07	0.61	0.28	1.59	0.11	0.04	0.01	0.07
1175N 3000E 2003	51	30	109	143	5	27	1	2	0.08	1.34	0.26	3.41	0.30	0.04	0.02	0.19
1200N 3000E 2004	43	24	83	92	5	25	1	2	0.06	1.22	0.21	2.49	0.17	0.04	0.01	0.10
1225N 3000E 2005	94	27	108	288	6	48	1	3	0.06	1.69	0.38	3.84	0.50	0.06	0.02	0.14
1250N 3000E 2006	303	5	61	5133	10	60	<1	1	0.01	1.50	0.63	3.83	0.33	0.13	0.01	0.34
0525N 3100E 2007	51	25	91	218	6	45	1	3	0.10	1.64	0.34	3.55	0.42	0.06	0.02	0.16
0550N 3100E 2008	32	26	104	102	4	39	1	1	0.08	0.51	0.22	2.67	0.09	0.04	0.02	0.04
0575N 3100E 2009	169	13	17	3320	23	143	3	3	0.01	1.28	4.98	0.91	0.19	0.04	0.02	0.25
0600N 3100E 2010	244	60	423	1249	28	78	2	6	0.05	3.73	1.19	>5.00	0.58	0.11	0.02	0.28
0625N 3100E 2011	57	19	63	160	6	35	1	2	0.08	1.15	0.34	1.87	0.36	0.06	0.02	0.07
0650N 3100E 2012	50	13	43	129	6	32	1	2	0.07	0.93	0.30	1.28	0.30	0.04	0.02	0.04
0675N 3100E 2013	41	10	54	153	6	23	1	1	0.08	0.62	0.24	1.45	0.22	0.05	0.02	0.03
0700N 3100E 2014	41	16	64	110	5	28	1	2	0.08	0.88	0.25	1.85	0.23	0.05	0.02	0.06
0725N 3100E 2015	42	15	63	92	5	25	1	1	0.08	0.71	0.19	1.69	0.17	0.04	0.02	0.03
Minimum Detection	2	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm
0750N 3100E 2016	Soil	--	<5	<0.1	48	2	48	12	<5	<3	2	<10	<2	0.3	9	17	<5
0775N 3100E 2017	Soil	--	5	<0.1	115	3	77	14	5	<3	3	<10	<2	0.3	20	30	<5
0800N 3100E 2018	Soil	--	<5	<0.1	125	4	104	8	<5	<3	6	<10	<2	0.6	19	27	<5
0825N 3100E 2019	Soil	--	<5	1.4	241	<2	38	14	<5	<3	12	<10	<2	0.2	5	16	<5
0850N 3100E 2020	Soil	--	<5	1.1	422	<2	82	18	<5	<3	4	<10	<2	0.5	14	32	<5
0875N 3100E 2021	Soil	--	15	<0.1	58	7	53	8	<5	<3	3	<10	<2	0.3	11	15	<5
0900N 3100E 2022	Soil	--	<5	<0.1	38	6	51	5	5	<3	3	<10	<2	0.3	10	15	<5
0925N 3100E 2023	Soil	--	15	<0.1	274	<2	82	10	<5	<3	7	<10	<2	0.3	18	37	<5
0950N 3100E 2024	Soil	--	5	<0.1	13	7	45	8	<5	<3	3	<10	<2	0.4	7	10	<5
0975N 3100E 2025	Soil	--	5	<0.1	14	3	29	7	<5	<3	2	<10	<2	0.2	7	12	<5
1000N 3100E 2026	Soil	--	5	<0.1	27	3	31	10	<5	<3	2	<10	<2	0.3	8	14	<5
1025N 3100E 2027	Soil	--	10	<0.1	26	6	84	10	<5	<3	12	<10	<2	0.4	8	11	<5
1050N 3100E 2028	Soil	--	<5	<0.1	8	7	35	<5	<5	<3	12	<10	<2	0.4	5	6	<5
1075N 3100E 2029	Soil	--	5	<0.1	17	4	25	11	<5	<3	3	<10	<2	0.2	6	12	<5
1100N 3100E 2030	Soil	--	<5	<0.1	75	4	44	10	<5	<3	3	<10	<2	0.3	12	21	<5
1125N 3100E 2031	Soil	--	<5	<0.1	19	2	23	9	<5	<3	2	<10	<2	0.3	6	10	<5
1150N 3100E 2032	Soil	--	20	<0.1	44	2	70	13	<5	<3	22	<10	<2	0.4	11	14	<5
1175N 3100E 2033	Soil	--	<5	<0.1	292	5	41	<5	<5	<3	5	<10	<2	0.3	4	16	<5
1200N 3100E 2034	Soil	--	<5	<0.1	178	6	332	<5	<5	<3	10	<10	<2	2.0	21	12	<5
1225N 3100E 2035	Soil	--	<5	<0.1	48	2	89	5	<5	<3	5	<10	<2	0.1	11	9	<5
1250N 3100E 2036	Soil	--	<5	0.1	32	2	49	8	<5	<3	4	<10	<2	0.2	7	5	<5
01351	Rock	>10000	--	7.0	3071	4	8	17	6	<3	3	<10	<2	0.2	8	13	<5
01352	Rock	70	--	<0.1	190	7	27	6	<5	<3	3	<10	<2	0.2	20	11	<5
Minimum Detection		5	5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5
Maximum Detection		10000	10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000
Method		FA/AAS	GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Ba ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0750N 3100E 2016	61	34	109	216	7	33	1	2	0.08	1.84	0.38	3.65	0.47	0.06	0.02	0.25
0775N 3100E 2017	136	69	213	473	9	46	1	4	0.15	2.06	0.70	>5.00	0.87	0.12	0.02	0.25
0800N 3100E 2018	280	54	142	774	15	87	1	3	0.11	2.30	1.28	3.74	0.85	0.09	0.02	0.15
0825N 3100E 2019	236	20	59	639	29	189	2	3	0.01	2.03	3.34	2.00	0.26	0.03	0.02	0.26
0850N 3100E 2020	196	51	99	292	21	66	1	2	0.04	4.59	0.64	3.82	0.57	0.09	0.02	0.21
0875N 3100E 2021	76	48	148	283	6	27	1	2	0.10	1.47	0.38	3.69	0.35	0.07	0.02	0.07
0900N 3100E 2022	82	44	122	449	8	34	1	2	0.13	1.13	0.50	2.99	0.44	0.09	0.02	0.04
0925N 3100E 2023	188	61	155	1347	15	55	1	5	0.09	3.14	0.74	4.84	1.04	0.10	0.02	0.09
0950N 3100E 2024	44	36	140	157	5	24	1	2	0.11	1.08	0.20	3.83	0.22	0.05	0.02	0.14
0975N 3100E 2025	53	31	106	132	5	32	1	2	0.07	1.16	0.27	3.30	0.29	0.04	0.02	0.15
1000N 3100E 2026	54	29	107	177	6	36	1	2	0.08	1.14	0.35	3.13	0.35	0.04	0.02	0.07
1025N 3100E 2027	77	25	120	314	4	30	1	3	0.05	2.14	0.22	4.19	0.40	0.10	0.02	0.04
1050N 3100E 2028	50	23	95	176	5	30	1	2	0.08	0.70	0.26	2.42	0.12	0.05	0.02	0.02
1075N 3100E 2029	46	25	93	139	5	30	1	2	0.08	1.19	0.27	2.84	0.27	0.04	0.02	0.08
1100N 3100E 2030	71	36	105	252	7	36	1	3	0.09	1.89	0.44	3.41	0.51	0.07	0.02	0.19
1125N 3100E 2031	42	24	87	116	5	27	1	2	0.06	1.36	0.23	2.75	0.22	0.03	0.02	0.10
1150N 3100E 2032	70	21	95	352	7	91	1	4	0.04	2.35	0.64	3.73	0.74	0.08	0.02	0.18
1175N 3100E 2033	155	7	20	1884	49	153	1	2	0.01	0.81	3.70	1.01	0.28	0.04	0.01	0.15
1200N 3100E 2034	495	10	74	>10000	15	111	<1	2	0.04	2.16	1.14	4.49	0.41	0.12	0.02	0.22
1225N 3100E 2035	203	9	92	1576	7	272	<1	2	0.03	2.43	0.50	4.28	0.64	0.13	0.02	0.14
1250N 3100E 2036	249	7	107	339	7	574	1	3	0.13	1.87	0.53	3.26	0.45	0.11	0.02	0.04
01351	8	111	95	382	4	365	3	6	0.16	2.09	3.03	2.12	0.12	0.03	0.02	0.19
01352	97	25	150	213	8	93	2	2	0.23	1.48	1.25	3.04	0.65	0.38	0.07	0.17
Minimum Detection	2	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1100N 3900E 2069	Soil	<5	0.2	131	<2	44	22	<5	<3	12	<10	<2	0.3	13	21	<5	126
1050N 3900E 2071	Soil	<5	0.3	90	2	52	11	<5	<3	7	<10	<2	0.3	12	37	<5	93
1025N 3900E 2072	Soil	<5	0.1	8	3	15	7	<5	<3	1	<10	<2	<0.1	5	7	<5	48
1000N 3900E 2073	Soil	<5	0.2	9	2	20	8	<5	<3	1	<10	<2	<0.1	5	10	<5	48
0975N 3900E 2074	Soil	<5	0.3	53	3	58	10	<5	<3	2	<10	<2	0.2	16	54	<5	130
0950N 3900E 2075	Soil	<5	0.1	12	4	25	5	<5	<3	1	<10	<2	0.1	5	9	<5	76
0925N 3900E 2076	Soil	<5	0.1	34	3	39	7	<5	<3	1	<10	<2	0.1	9	16	<5	86
0900N 3900E 2077	Soil	<5	0.1	20	5	42	10	<5	<3	2	<10	<2	0.1	8	16	<5	66
0875N 3900E 2078	Soil	<5	0.1	25	5	62	7	<5	<3	1	<10	<2	0.2	15	14	<5	102
0850N 3900E 2079	Soil	<5	0.2	29	4	65	9	<5	<3	2	<10	<2	0.3	10	18	<5	104
0825N 3900E 2080	Soil	<5	0.1	160	5	145	8	<5	<3	4	<10	<2	0.2	33	47	<5	114
0800N 3900E 2081	Soil	<5	0.1	177	<2	268	8	7	<3	5	<10	<2	<0.1	46	54	<5	179
0775N 3900E 2082	Soil	<5	<0.1	63	3	49	9	<5	<3	2	<10	<2	0.4	9	20	<5	49
0750N 3900E 2083	Soil	<5	0.4	222	6	109	17	7	3	3	<10	<2	0.2	23	41	<5	91
0725N 3900E 2084	Soil	<5	0.5	504	5	100	13	6	<3	3	<10	<2	0.2	22	46	<5	118
0700N 3900E 2085	Soil	<5	0.3	25	<2	40	12	<5	<3	2	<10	<2	0.1	10	27	<5	47
0675N 3900E 2086	Soil	<5	0.2	15	4	18	8	<5	<3	2	<10	<2	0.3	6	11	<5	36
0650N 3900E 2087	Soil	<5	<0.1	7	6	8	<5	<5	<3	1	<10	<2	0.1	2	4	<5	37
0625N 3900E 2088	Soil	<5	0.3	574	2	63	10	<5	<3	4	<10	<2	0.3	17	34	<5	168
0600N 3900E 2089	Soil	<5	0.2	20	2	41	10	<5	<3	2	<10	<2	0.1	8	17	<5	76
0575N 3900E 2090	Soil	<5	0.4	100	<2	172	15	<5	<3	5	<10	<2	0.4	45	70	<5	85
0550N 3900E 2091	Soil	<5	0.1	36	3	270	14	7	3	3	<10	<2	0.3	42	74	<5	51
0525N 3900E 2092	Soil	<5	0.1	190	<2	94	14	5	<3	2	<10	<2	0.2	28	51	<5	83
0525N 3800E 2093	Soil	<5	0.2	195	<2	177	10	6	<3	4	<10	<2	0.4	48	90	<5	96
0550N 3800E 2094	Soil	<5	0.3	204	<2	313	11	7	<3	3	<10	<2	0.4	59	105	<5	250
0575N 3800E 2095	Soil	<5	0.3	177	4	128	12	6	<3	5	<10	<2	0.1	34	56	<5	156
0600N 3800E 2096	Soil	<5	0.1	25	3	32	6	5	<3	2	<10	<2	0.2	9	18	<5	55
0625N 3800E 2097	Soil	<5	0.5	695	2	54	12	<5	<3	6	<10	<2	0.2	20	24	<5	122
0650N 3800E 2098	Soil	<5	0.2	47	12	78	7	<5	<3	5	<10	<2	0.3	13	15	<5	134
0675N 3800E 2099	Soil	<5	0.1	631	2	201	10	8	<3	6	<10	<2	0.3	44	78	<5	91
0700N 3800E 2100	Soil	<5	<0.1	149	4	109	8	<5	<3	5	<10	<2	<0.1	25	27	<5	106
0725N 3800E 2101	Soil	<5	0.4	73	5	172	<5	<5	<3	4	<10	<2	0.4	21	26	<5	359
0750N 3800E 2102	Soil	<5	0.1	148	2	92	10	<5	<3	2	<10	<2	0.3	20	41	<5	102
0775N 3800E 2103	Soil	<5	0.2	38	3	39	9	<5	<3	1	<10	<2	0.1	10	20	<5	63
0800N 3800E 2104	Soil	<5	0.2	61	2	56	12	<5	<3	2	<10	<2	0.2	11	19	<5	85
0825N 3800E 2105	Soil	<5	0.2	38	<2	63	10	<5	<3	2	<10	<2	0.1	12	21	<5	59
0850N 3800E 2106	Soil	<5	0.3	17	3	77	7	<5	<3	2	<10	<2	0.2	9	14	<5	62
0875N 3800E 2107	Soil	<5	0.2	39	3	32	8	<5	<3	2	<10	<2	0.1	9	19	<5	64
0900N 3800E 2108	Soil	<5	0.1	11	2	32	7	<5	<3	3	<10	<2	0.2	7	11	<5	73
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1100N 3900E 2069	41	142	213	8	36	2	4	0.10	2.19	0.42	4.69	0.81	0.07	0.02	0.10
1050N 3900E 2071	33	110	281	7	27	1	3	0.09	1.63	0.31	4.01	0.57	0.07	0.02	0.18
1025N 3900E 2072	21	86	93	5	23	<1	2	0.07	0.91	0.20	2.27	0.19	0.03	0.02	0.08
1000N 3900E 2073	26	86	82	4	21	<1	2	0.07	1.30	0.19	2.39	0.23	0.02	0.02	0.13
0975N 3900E 2074	38	107	736	7	39	<1	3	0.09	1.80	0.38	3.45	0.74	0.08	0.02	0.08
0950N 3900E 2075	19	63	117	5	30	<1	2	0.06	0.89	0.27	2.15	0.22	0.04	0.02	0.15
0925N 3900E 2076	24	72	238	8	38	<1	3	0.08	1.30	0.37	2.51	0.50	0.06	0.02	0.09
0900N 3900E 2077	35	96	262	5	28	<1	2	0.09	1.15	0.28	3.06	0.34	0.03	0.02	0.13
0875N 3900E 2078	29	100	994	6	30	<1	2	0.10	1.06	0.27	3.05	0.27	0.06	0.02	0.13
0850N 3900E 2079	36	109	199	5	27	1	2	0.11	1.54	0.25	3.72	0.45	0.07	0.02	0.17
0825N 3900E 2080	67	221	959	6	28	1	3	0.43	2.36	0.62	>5.00	1.74	0.41	0.02	0.28
0800N 3900E 2081	100	282	1478	6	28	1	4	0.43	3.38	0.68	>5.00	1.83	0.35	0.02	0.42
0775N 3900E 2082	30	79	272	6	31	1	2	0.08	1.09	0.40	2.65	0.47	0.07	0.02	0.09
0750N 3900E 2083	91	203	411	7	74	2	6	0.27	2.97	0.80	>5.00	1.41	0.18	0.02	0.32
0725N 3900E 2084	63	169	1041	14	43	1	7	0.16	3.18	0.74	>5.00	0.93	0.19	0.02	0.11
0700N 3900E 2085	34	97	181	6	35	<1	2	0.08	1.27	0.38	3.15	0.42	0.04	0.02	0.17
0675N 3900E 2086	24	92	112	5	24	1	2	0.07	0.80	0.20	2.75	0.20	0.03	0.02	0.05
0650N 3900E 2087	8	30	53	4	26	<1	1	0.03	0.41	0.23	0.81	0.07	0.03	0.02	0.02
0625N 3900E 2088	47	123	1367	17	59	1	5	0.09	2.17	1.36	3.63	0.83	0.21	0.02	0.16
0600N 3900E 2089	28	86	153	5	25	1	2	0.06	1.57	0.25	3.02	0.32	0.03	0.02	0.15
0575N 3900E 2090	122	197	552	4	37	3	3	0.35	3.34	0.37	>5.00	2.03	0.13	0.02	0.47
0550N 3900E 2091	161	221	801	3	9	2	2	0.54	3.25	0.38	>5.00	1.94	0.09	0.02	0.29
0525N 3900E 2092	101	185	628	9	19	2	3	0.29	2.85	0.49	>5.00	1.38	0.16	0.02	0.29
0525N 3800E 2093	164	255	473	7	21	2	2	0.41	3.26	0.55	>5.00	2.55	0.13	0.02	0.41
0550N 3800E 2094	184	237	852	8	27	2	3	0.36	3.41	0.87	>5.00	2.89	0.36	0.02	0.52
0575N 3800E 2095	155	229	484	5	19	1	3	0.53	2.60	0.56	>5.00	1.79	0.26	0.02	0.29
0600N 3800E 2096	32	93	291	6	29	1	2	0.07	1.16	0.30	2.95	0.34	0.04	0.02	0.11
0625N 3800E 2097	47	196	1386	20	32	1	9	0.27	2.35	1.00	4.71	0.81	0.39	0.03	0.27
0650N 3800E 2098	48	104	520	4	24	1	2	0.30	0.94	0.26	2.88	0.44	0.14	0.02	0.08
0675N 3800E 2099	116	252	2580	8	25	1	4	0.40	3.64	0.84	>5.00	2.16	0.09	0.01	0.16
0700N 3800E 2100	35	180	548	8	54	1	4	0.34	2.21	0.75	>5.00	1.23	0.36	0.02	0.21
0725N 3800E 2101	40	119	3643	7	42	<1	2	0.18	1.59	0.65	3.98	0.59	0.17	0.02	0.14
0750N 3800E 2102	64	149	473	6	34	1	3	0.19	2.29	0.49	4.50	0.94	0.15	0.02	0.25
0775N 3800E 2103	27	92	214	7	31	1	2	0.07	1.22	0.33	3.06	0.43	0.04	0.02	0.13
0800N 3800E 2104	51	159	367	9	32	1	3	0.08	1.62	0.60	4.45	0.41	0.06	0.02	0.44
0825N 3800E 2105	49	135	311	7	34	<1	2	0.09	1.64	0.52	4.08	0.48	0.08	0.02	0.28
0850N 3800E 2106	38	103	170	5	26	1	2	0.09	1.31	0.26	3.44	0.31	0.05	0.02	0.28
0875N 3800E 2107	32	95	219	6	35	1	2	0.08	1.25	0.40	3.20	0.47	0.05	0.02	0.18
0900N 3800E 2108	28	107	148	5	26	1	2	0.09	1.08	0.25	3.55	0.27	0.03	0.02	0.19
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0925N 3800E 2109	Soil	<5	0.1	44	4	24	12	<5	<3	2	<10	<2	0.1	10	21	<5	88
0950N 3800E 2110	Soil	<5	0.1	6	4	18	<5	<5	<3	1	<10	<2	0.1	5	9	<5	35
0975N 3800E 2111	Soil	<5	<0.1	39	2	38	6	<5	<3	3	<10	<2	0.1	10	12	<5	74
1000N 3800E 2112	Soil	<5	0.1	38	4	38	10	<5	<3	2	<10	<2	0.2	11	20	<5	116
1025N 3800E 2113	Soil	<5	0.2	192	2	62	15	<5	<3	4	<10	<2	0.3	17	40	<5	261
1075N 3800E 2115	Soil	<5	0.3	221	<2	64	16	<5	<3	18	<10	<2	0.6	12	25	<5	215
1100N 3800E 2116	Soil	<5	0.1	14	4	31	6	<5	<3	3	<10	<2	<0.1	5	18	<5	52
1125N 3800E 2117	Soil	<5	0.2	18	5	72	14	<5	<3	5	<10	<2	0.2	6	10	<5	71
1150N 3800E 2118	Soil	<5	<0.1	9	6	28	<5	<5	<3	2	<10	<2	<0.1	3	4	<5	98
1175N 3800E 2119	Soil	<5	0.3	116	<2	39	16	<5	3	102	<10	<2	0.4	18	15	<5	224
1175N 3700E 2120	Soil	<5	0.1	48	4	45	7	<5	<3	4	<10	<2	0.1	11	13	<5	178
1150N 3700E 2121	Soil	<5	0.2	18	<2	44	6	<5	<3	3	<10	<2	0.2	5	9	<5	102
1125N 3700E 2122	Soil	<5	0.1	19	4	62	8	<5	<3	3	<10	2	0.3	4	5	<5	74
1100N 3700E 2123	Soil	<5	0.1	25	3	42	11	<5	<3	11	<10	<2	0.5	6	9	<5	151
1075N 3700E 2124	Soil	5	0.3	21	4	39	8	<5	<3	4	<10	<2	0.3	5	6	<5	112
1050N 3700E 2125	Soil	<5	0.2	48	4	148	14	<5	<3	5	<10	<2	0.3	9	14	<5	113
0975N 3700E 2128	Soil	<5	0.6	226	<2	70	21	9	4	4	<10	<2	0.4	12	44	<5	355
0950N 3700E 2129	Soil	<5	0.1	34	<2	43	23	8	5	1	<10	<2	0.7	13	25	<5	73
0925N 3700E 2130	Soil	<5	<0.1	10	5	28	7	<5	<3	2	<10	<2	0.1	6	18	<5	51
0900N 3700E 2131	Soil	<5	<0.1	16	5	33	7	<5	<3	2	<10	<2	0.2	8	13	<5	71
0875N 3700E 2132	Soil	<5	0.1	81	2	38	10	<5	<3	3	<10	<2	0.2	13	29	<5	62
0850N 3700E 2133	Soil	<5	<0.1	52	<2	64	15	5	<3	3	<10	<2	<0.1	14	24	<5	54
0825N 3700E 2134	Soil	<5	0.1	50	2	66	20	7	3	1	<10	<2	0.6	14	21	<5	58
0800N 3700E 2135	Soil	<5	0.1	34	3	48	13	<5	<3	2	<10	<2	0.3	8	14	<5	72
0775N 3700E 2136	Soil	<5	0.1	212	8	124	12	<5	<3	1	<10	<2	0.3	10	18	<5	57
0750N 3700E 2137	Soil	<5	<0.1	76	<2	62	13	<5	<3	2	<10	<2	0.2	14	40	<5	50
0725N 3700E 2138	Soil	<5	<0.1	82	6	227	<5	5	<3	3	<10	<2	0.3	28	38	<5	517
0700N 3700E 2139	Soil	<5	<0.1	91	3	109	14	<5	<3	3	<10	<2	0.3	17	28	<5	134
0675N 3700E 2140	Soil	<5	<0.1	195	2	42	11	<5	<3	3	<10	<2	<0.1	14	28	<5	58
0650N 3700E 2141	Soil	<5	0.1	24	3	40	9	<5	<3	4	<10	<2	0.1	8	15	<5	42
0625N 3700E 2142	Soil	<5	0.1	13	2	32	8	<5	<3	3	<10	<2	0.3	6	13	<5	35
0600N 3700E 2143	Soil	<5	0.1	34	3	61	11	<5	<3	5	<10	<2	0.1	10	21	<5	89
0575N 3700E 2144	Soil	<5	0.2	63	9	151	8	6	<3	9	<10	<2	0.3	22	23	<5	75
0550N 3700E 2145	Soil	<5	<0.1	61	15	70	8	<5	<3	5	<10	<2	0.4	20	21	<5	74
0525N 3700E 2146	Soil	<5	0.1	34	12	70	8	5	<3	3	<10	<2	0.6	16	21	<5	85
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0925N 3800E 2109	32	99	207	7	28	<1	2	0.05	1.15	0.38	2.99	0.40	0.05	0.02	0.13
0950N 3800E 2110	37	99	317	4	22	<1	1	0.10	0.44	0.19	2.23	0.11	0.03	0.02	0.02
0975N 3800E 2111	24	92	271	4	33	<1	2	0.08	1.22	0.30	2.95	0.44	0.05	0.02	0.05
1000N 3800E 2112	36	108	210	8	38	1	3	0.10	1.22	0.45	3.18	0.61	0.06	0.02	0.11
1025N 3800E 2113	48	122	1166	16	66	<1	6	0.07	3.04	0.91	4.36	1.03	0.15	0.02	0.08
1075N 3800E 2115	35	91	1692	26	120	1	6	0.04	2.61	1.86	4.49	0.51	0.10	0.02	0.13
1100N 3800E 2116	21	92	186	5	28	<1	1	0.08	0.82	0.19	2.35	0.20	0.03	0.02	0.03
1125N 3800E 2117	28	131	184	11	19	2	2	0.08	1.43	0.20	4.12	0.30	0.04	0.02	0.15
1150N 3800E 2118	13	65	268	10	17	<1	1	0.04	0.44	0.13	1.84	0.05	0.04	0.02	0.02
1175N 3800E 2119	18	98	5361	41	139	1	2	0.01	1.16	2.34	>5.00	0.19	0.02	0.02	0.23
1175N 3700E 2120	18	63	398	10	54	<1	3	0.06	1.19	0.52	2.21	0.46	0.09	0.02	0.05
1150N 3700E 2121	22	86	144	11	46	1	2	0.06	0.78	0.37	2.48	0.24	0.06	0.02	0.03
1125N 3700E 2122	12	70	254	15	33	<1	1	0.05	1.07	0.27	2.53	0.22	0.07	0.02	0.12
1100N 3700E 2123	19	117	166	12	52	1	2	0.07	1.02	0.33	3.38	0.31	0.08	0.02	0.03
1075N 3700E 2124	22	104	183	7	40	<1	1	0.04	0.89	0.51	2.68	0.17	0.04	0.02	0.03
1050N 3700E 2125	27	121	381	6	18	1	2	0.05	2.12	0.21	>5.00	0.47	0.08	0.02	0.36
0975N 3700E 2128	45	65	628	19	93	2	4	0.03	2.74	2.21	3.10	0.71	0.20	0.02	0.08
0950N 3700E 2129	60	228	231	6	32	<1	3	0.11	1.53	0.34	>5.00	0.52	0.07	0.01	0.23
0925N 3700E 2130	19	92	115	5	23	<1	2	0.08	0.86	0.18	3.03	0.22	0.04	0.02	0.13
0900N 3700E 2131	27	97	136	5	26	1	2	0.09	0.85	0.27	3.04	0.31	0.05	0.02	0.13
0875N 3700E 2132	44	110	246	8	35	1	3	0.11	1.42	0.46	3.49	0.72	0.09	0.02	0.13
0850N 3700E 2133	56	164	264	6	29	2	3	0.16	2.30	0.29	>5.00	0.73	0.09	0.02	0.32
0825N 3700E 2134	37	131	929	6	38	<1	3	0.12	1.73	0.35	4.10	0.54	0.09	0.02	0.16
0800N 3700E 2135	31	114	268	6	26	1	2	0.12	1.92	0.21	4.19	0.34	0.06	0.02	0.21
0775N 3700E 2136	33	112	451	5	28	<1	2	0.07	1.96	0.30	3.71	0.39	0.04	0.02	0.15
0750N 3700E 2137	55	113	194	6	20	1	3	0.14	2.27	0.22	3.84	0.68	0.06	0.02	0.10
0725N 3700E 2138	62	180	3092	6	85	1	3	0.36	2.38	0.64	>5.00	1.14	0.34	0.01	0.18
0700N 3700E 2139	42	147	653	7	34	1	3	0.20	2.24	0.38	4.75	0.68	0.18	0.02	0.28
0675N 3700E 2140	36	91	369	9	27	1	3	0.10	1.71	0.37	2.84	0.62	0.04	0.02	0.04
0650N 3700E 2141	31	113	135	5	25	<1	2	0.08	1.23	0.24	3.57	0.34	0.05	0.02	0.12
0625N 3700E 2142	26	102	131	6	25	<1	2	0.07	1.05	0.21	3.15	0.21	0.05	0.02	0.08
0600N 3700E 2143	34	100	462	8	26	1	2	0.09	1.61	0.25	3.50	0.38	0.05	0.02	0.09
0575N 3700E 2144	66	199	896	6	18	1	3	0.43	1.62	0.42	>5.00	0.72	0.30	0.02	0.15
0550N 3700E 2145	58	188	332	2	35	1	3	0.56	1.24	0.38	4.34	0.79	0.34	0.02	0.11
0525N 3700E 2146	99	178	304	3	20	<1	1	0.36	0.84	0.20	3.60	0.49	0.08	0.02	0.07
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1823	Silt	<5	0.3	160	2	75	36	<5	<3	11	<10	<2	0.3	14	25	<5	155
1836	Silt	<5	0.3	154	<2	70	37	<5	<3	12	<10	<2	0.4	14	25	<5	166
2070	Silt	<5	0.4	177	5	103	49	<5	<3	4	<10	<2	0.9	18	31	<5	127
2114	Silt	5	0.4	203	2	134	51	<5	<3	6	<10	<2	0.9	20	40	<5	120
2164	Silt	5	0.3	186	3	130	47	<5	<3	5	<10	<2	1.1	20	44	<5	114
2165	Silt	5	0.3	177	<2	113	50	<5	<3	5	<10	<2	0.7	18	32	<5	131
2526	Silt	60	0.2	140	<2	71	630	<5	<3	3	<10	<2	<0.1	24	29	<5	122
2541	Silt	10	0.1	160	<2	74	673	<5	<3	4	<10	<2	0.1	24	31	<5	117
0525N 4000E 2037	Soil	5	0.2	19	4	60	8	<5	<3	2	<10	<2	0.1	11	17	<5	66
0550N 4000E 2038	Soil	<5	0.2	255	<2	143	5	<5	<3	3	<10	<2	<0.1	29	47	<5	155
0575N 4000E 2039	Soil	<5	<0.1	11	3	38	6	<5	<3	1	<10	<2	0.2	8	15	<5	62
0600N 4000E 2040	Soil	<5	<0.1	8	7	38	8	<5	<3	1	<10	<2	0.3	6	11	<5	52
0625N 4000E 2041	Soil	<5	0.2	17	3	54	9	<5	<3	2	<10	<2	0.3	7	14	<5	68
0650N 4000E 2042	Soil	<5	0.1	11	5	32	7	<5	<3	2	<10	<2	0.3	8	11	<5	91
0675N 4000E 2043	Soil	15	<0.1	33	<2	40	10	<5	<3	2	<10	<2	<0.1	12	20	<5	84
0700N 4000E 2044	Soil	5	<0.1	16	7	37	7	<5	<3	1	<10	<2	0.2	7	11	<5	55
0725N 4000E 2045	Soil	<5	0.3	31	2	36	10	<5	<3	2	<10	<2	0.1	11	22	<5	79
0750N 4000E 2046	Soil	<5	0.6	376	4	95	12	<5	<3	5	<10	<2	0.5	20	52	<5	250
0775N 4000E 2047	Soil	<5	1.4	1044	2	113	9	<5	<3	5	<10	<2	0.3	19	57	<5	288
0800N 4000E 2048	Soil	<5	0.7	579	<2	159	<5	<5	<3	5	<10	<2	<0.1	34	81	<5	215
0825N 4000E 2049	Soil	<5	0.2	111	<2	96	7	<5	<3	5	<10	<2	<0.1	33	55	<5	56
0850N 4000E 2050	Soil	<5	0.3	50	6	292	8	<5	<3	5	<10	<2	0.1	26	36	<5	181
0875N 4000E 2051	Soil	<5	0.1	76	2	96	13	<5	<3	3	<10	<2	0.1	12	22	<5	60
0900N 4000E 2052	Soil	5	0.2	65	3	126	9	<5	<3	4	<10	<2	<0.1	25	39	<5	92
0925N 4000E 2053	Soil	<5	<0.1	25	<2	41	9	<5	<3	2	<10	<2	0.2	11	20	<5	64
0950N 4000E 2054	Soil	5	<0.1	27	2	34	8	<5	<3	2	<10	<2	0.3	9	20	<5	56
0975N 4000E 2055	Soil	<5	0.5	319	<2	203	<5	<5	<3	5	<10	<2	0.6	26	67	<5	374
1000N 4000E 2056	Soil	<5	<0.1	19	7	81	8	<5	<3	1	<10	<2	0.4	8	16	<5	69
1025N 4000E 2057	Soil	5	0.1	18	4	54	8	<5	<3	2	<10	4	0.4	8	13	<5	67
1050N 4000E 2058	Soil	35	0.3	108	4	147	15	<5	<3	8	<10	<2	<0.1	13	15	<5	102
1075N 4000E 2059	Soil	20	<0.1	20	4	34	9	<5	<3	4	<10	<2	0.4	5	7	<5	53
1100N 4000E 2060	Soil	5	0.4	200	<2	101	16	<5	<3	26	<10	<2	<0.1	23	54	<5	331
1125N 4000E 2061	Soil	<5	0.2	176	<2	49	<5	<5	<3	98	<10	<2	0.5	19	28	<5	300
1150N 4000E 2062	Soil	<5	<0.1	97	5	44	11	<5	<3	6	<10	<2	0.3	11	21	<5	129
1175N 4000E 2063	Soil	<5	0.2	35	2	65	12	<5	<3	6	<10	<2	0.2	11	15	<5	93
1200N 4000E 2064	Soil	<5	0.1	46	3	40	8	<5	<3	6	<10	<2	0.3	9	11	<5	105
1225N 4000E 2065	Soil	<5	0.7	457	3	81	34	<5	<3	18	<10	<2	0.8	21	42	<5	190
1250N 4000E 2066	Soil	<5	0.1	28	4	75	11	<5	<3	4	<10	<2	0.3	11	11	<5	119
1150N 3900E 2067	Soil	<5	0.4	26	4	91	20	<5	<3	6	<10	<2	<0.1	10	13	<5	69
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1823	28	68	1942	27	87	1	4	0.03	1.86	1.60	3.52	0.59	0.10	0.02	0.13
1836	27	69	2249	27	86	1	4	0.03	1.82	1.58	3.60	0.56	0.09	0.02	0.14
2070	44	79	1296	15	81	1	4	0.04	1.58	1.68	3.78	0.68	0.12	0.02	0.16
2114	54	107	1661	18	82	1	5	0.04	1.44	1.54	4.61	0.81	0.09	0.02	0.15
2164	55	106	1582	14	75	1	5	0.04	1.42	1.46	4.62	0.81	0.10	0.02	0.14
2165	46	85	1365	15	83	1	5	0.04	1.68	1.66	3.96	0.73	0.11	0.02	0.15
2526	47	202	1440	11	73	1	5	0.15	1.76	1.38	>5.00	1.22	0.16	0.03	0.21
2541	49	198	1419	12	77	1	5	0.14	1.75	1.60	>5.00	1.19	0.16	0.03	0.22
0525N 4000E 2037	30	88	328	8	42	1	2	0.08	1.23	0.42	2.79	0.32	0.07	0.02	0.15
0550N 4000E 2038	77	176	1503	13	35	2	4	0.27	2.40	0.65	>5.00	1.23	0.19	0.02	0.23
0575N 4000E 2039	25	73	437	6	28	1	2	0.05	1.03	0.27	2.43	0.25	0.05	0.01	0.11
0600N 4000E 2040	21	69	127	6	24	1	2	0.04	1.01	0.20	2.37	0.18	0.04	0.02	0.16
0625N 4000E 2041	26	78	172	10	34	1	2	0.05	1.41	0.38	2.83	0.34	0.06	0.02	0.10
0650N 4000E 2042	20	90	360	7	34	1	2	0.06	0.86	0.29	2.69	0.24	0.08	0.02	0.07
0675N 4000E 2043	29	94	284	10	44	2	3	0.08	1.45	0.51	3.12	0.53	0.08	0.02	0.15
0700N 4000E 2044	23	65	126	8	31	2	2	0.08	1.09	0.27	2.00	0.24	0.06	0.02	0.05
0725N 4000E 2045	35	96	234	8	41	1	3	0.09	1.43	0.41	3.06	0.44	0.08	0.02	0.11
0750N 4000E 2046	87	166	1430	15	84	1	8	0.09	3.41	1.76	4.98	1.16	0.29	0.02	0.17
0775N 4000E 2047	55	141	1640	43	86	2	12	0.09	4.41	1.99	>5.00	0.96	0.29	0.02	0.16
0800N 4000E 2048	135	235	2512	14	45	3	11	0.21	>5.00	0.92	>5.00	1.74	0.26	0.02	0.18
0825N 4000E 2049	149	235	342	5	43	2	4	0.33	2.47	0.64	>5.00	2.09	0.14	0.02	0.16
0850N 4000E 2050	96	183	1999	6	25	1	3	0.33	2.41	0.40	>5.00	0.95	0.20	0.01	0.33
0875N 4000E 2051	37	102	292	7	21	2	3	0.11	3.03	0.19	3.97	0.51	0.07	0.01	0.27
0900N 4000E 2052	132	224	406	7	24	2	2	0.26	2.03	0.42	>5.00	1.01	0.13	0.02	0.38
0925N 4000E 2053	35	101	188	9	33	1	2	0.08	1.45	0.38	3.24	0.48	0.07	0.02	0.18
0950N 4000E 2054	38	112	273	7	32	1	2	0.08	1.17	0.37	3.34	0.38	0.05	0.02	0.17
0975N 4000E 2055	83	178	3823	21	79	1	12	0.13	4.89	1.21	>5.00	1.43	0.29	0.02	0.16
1000N 4000E 2056	25	63	210	8	31	2	2	0.08	1.39	0.29	2.18	0.29	0.06	0.02	0.10
1025N 4000E 2057	28	74	189	7	34	1	3	0.08	1.44	0.34	2.70	0.35	0.05	0.02	0.12
1050N 4000E 2058	30	130	444	8	28	2	4	0.07	2.90	0.32	>5.00	0.71	0.10	0.01	0.41
1075N 4000E 2059	29	108	100	6	24	1	2	0.06	0.83	0.15	2.53	0.12	0.05	0.01	0.02
1100N 4000E 2060	94	158	5329	23	90	2	8	0.09	3.04	1.41	>5.00	1.25	0.13	0.02	0.18
1125N 4000E 2061	30	58	6365	14	120	2	2	0.01	0.96	2.45	>5.00	0.21	0.04	0.02	0.19
1150N 4000E 2062	31	81	352	21	70	1	4	0.08	1.54	0.93	2.77	0.63	0.10	0.02	0.11
1175N 4000E 2063	26	105	250	10	46	2	3	0.07	1.90	0.39	4.27	0.58	0.16	0.01	0.18
1200N 4000E 2064	33	86	215	14	64	1	2	0.06	1.00	0.69	2.67	0.38	0.10	0.01	0.05
1225N 4000E 2065	53	120	1959	67	79	1	11	0.07	3.53	1.35	4.87	0.80	0.14	0.02	0.09
1250N 4000E 2066	27	109	221	7	29	2	3	0.13	1.40	0.28	3.55	0.47	0.17	0.01	0.11
1150N 3900E 2067	35	143	346	10	26	2	3	0.05	2.73	0.22	>5.00	0.44	0.08	0.01	0.41
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1125N 3900E 2068	Soil	<5	0.1	43	<2	48	16	<5	<3	7	<10	<2	0.1	10	14	<5	94
0525N 3600E 2147	Soil	<5	0.1	111	6	85	10	5	<3	3	<10	<2	0.3	15	25	<5	110
0550N 3600E 2148	Soil	5	<0.1	21	5	34	7	<5	<3	2	<10	<2	0.3	8	17	<5	57
0575N 3600E 2149	Soil	5	<0.1	11	2	24	5	<5	<3	1	<10	<2	0.1	5	9	<5	41
0600N 3600E 2150	Soil	5	<0.1	56	2	32	8	<5	<3	1	<10	<2	0.1	9	19	<5	71
0625N 3600E 2151	Soil	<5	<0.1	28	2	47	9	<5	<3	2	<10	<2	0.4	10	46	<5	79
0650N 3600E 2152	Soil	<5	0.1	25	5	42	7	<5	<3	2	<10	<2	0.2	11	21	<5	58
0675N 3600E 2153	Soil	<5	0.5	36	<2	150	8	<5	<3	3	<10	<2	0.3	22	39	<5	99
0700N 3600E 2154	Soil	<5	0.4	50	7	166	9	<5	4	4	<10	<2	0.3	21	36	<5	167
0725N 3600E 2155	Soil	<5	0.3	50	<2	233	9	<5	<3	7	<10	<2	0.6	42	54	<5	114
0750N 3600E 2156	Soil	10	0.3	82	<2	181	5	5	<3	6	<10	<2	0.3	45	72	<5	156
0775N 3600E 2157	Soil	<5	0.2	68	<2	155	9	<5	<3	4	<10	<2	0.4	48	82	<5	196
0800N 3600E 2158	Soil	<5	0.1	71	2	63	12	<5	<3	3	<10	<2	0.4	12	20	<5	93
0825N 3600E 2159	Soil	<5	0.1	36	2	32	7	<5	<3	2	<10	<2	0.3	10	16	<5	41
0850N 3600E 2160	Soil	<5	0.2	84	<2	198	<5	5	<3	4	<10	<2	0.3	48	97	<5	219
0875N 3600E 2161	Soil	<5	0.2	114	5	64	9	<5	<3	2	<10	<2	0.6	14	27	<5	83
0900N 3600E 2162	Soil	10	0.3	48	<2	82	11	<5	<3	3	<10	<2	0.1	21	38	<5	131
0925N 3600E 2163	Soil	<5	0.4	83	<2	188	<5	<5	<3	3	<10	<2	0.2	29	50	<5	164
1000N 3600E 2166	Soil	5	0.2	50	2	98	12	<5	<3	13	<10	<2	0.3	10	9	<5	120
1025N 3600E 2167	Soil	10	0.4	216	3	72	11	<5	<3	3	<10	<2	0.2	10	36	<5	307
1050N 3600E 2168	Soil	25	0.4	72	6	115	11	<5	<3	5	<10	<2	0.5	13	14	<5	127
1075N 3600E 2169	Soil	<5	0.1	32	5	47	7	<5	<3	3	<10	<2	0.2	6	10	<5	115
1100N 3600E 2170	Soil	<5	0.3	127	<2	69	13	<5	<3	6	<10	<2	0.4	15	36	<5	316
1125N 3600E 2171	Soil	5	<0.1	30	3	36	6	<5	<3	2	<10	<2	0.3	8	13	<5	111
1150N 3600E 2172	Soil	<5	<0.1	47	<2	48	11	<5	<3	2	<10	<2	0.2	10	20	<5	104
1175N 3600E 2173	Soil	10	<0.1	30	2	42	8	<5	<3	2	<10	<2	0.4	8	14	<5	62
1200N 3600E 2174	Soil	5	<0.1	23	2	41	9	<5	<3	2	<10	<2	0.3	9	15	<5	62
1225N 3600E 2175	Soil	5	<0.1	13	4	30	6	<5	<3	2	<10	<2	0.5	7	11	<5	63
1250N 3600E 2176	Soil	<5	<0.1	8	6	29	6	<5	<3	2	<10	<2	0.4	5	6	<5	38
1275N 3600E 2177	Soil	<5	<0.1	17	4	62	9	<5	<3	2	<10	<2	0.3	9	14	<5	80
1300N 3600E 2178	Soil	5	0.2	32	4	41	10	<5	<3	2	<10	<2	0.2	9	15	<5	65
1325N 3600E 2179	Soil	5	<0.1	40	<2	36	9	<5	<3	2	<10	<2	0.4	9	17	<5	55
1350N 3600E 2180	Soil	<5	0.1	47	4	45	11	<5	<3	2	<10	<2	0.3	10	20	<5	70
1375N 3600E 2181	Soil	<5	0.2	41	4	48	10	<5	<3	2	<10	<2	0.2	10	18	<5	85
1400N 3600E 2182	Soil	10	<0.1	18	5	25	9	<5	<3	2	<10	3	0.4	6	9	<5	43
1425N 3600E 2183	Soil	<5	0.2	31	<2	45	12	<5	<3	2	<10	<2	0.3	10	18	<5	63
1450N 3600E 2184	Soil	10	<0.1	77	6	47	11	<5	<3	12	<10	<2	0.4	9	11	<5	104
1475N 3600E 2185	Soil	5	<0.1	32	9	42	10	<5	<3	9	<10	<2	0.2	6	6	<5	138
1500N 3600E 2186	Soil	<5	0.7	293	<2	36	8	<5	<3	92	<10	<2	0.2	27	25	<5	139
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1125N 3900E 2068	43	162	282	12	44	2	3	0.04	2.53	0.37	>5.00	0.45	0.10	0.01	0.53
0525N 3600E 2147	31	93	841	10	41	1	4	0.12	1.85	0.64	3.05	0.75	0.12	0.02	0.06
0550N 3600E 2148	21	63	216	7	34	1	2	0.08	0.95	0.40	1.89	0.40	0.06	0.02	0.04
0575N 3600E 2149	22	69	114	6	30	1	2	0.07	0.71	0.26	2.11	0.20	0.04	0.01	0.04
0600N 3600E 2150	29	75	273	14	40	1	4	0.08	1.11	0.53	2.34	0.51	0.06	0.02	0.08
0625N 3600E 2151	33	83	175	7	30	2	3	0.09	1.39	0.33	2.67	0.50	0.07	0.01	0.05
0650N 3600E 2152	49	101	183	7	34	1	2	0.12	1.08	0.37	2.95	0.57	0.09	0.01	0.10
0675N 3600E 2153	112	202	385	7	36	2	5	0.21	2.42	0.62	>5.00	1.30	0.15	0.01	0.29
0700N 3600E 2154	84	189	840	6	177	1	4	0.21	2.89	0.79	>5.00	1.44	0.19	0.01	0.31
0725N 3600E 2155	176	313	806	4	58	3	3	0.44	2.88	0.53	>5.00	1.77	0.19	0.01	0.30
0750N 3600E 2156	175	307	1002	7	35	2	3	0.38	2.91	0.71	>5.00	2.25	0.30	0.01	0.34
0775N 3600E 2157	185	333	836	10	37	1	4	0.22	3.32	1.19	>5.00	3.38	0.21	0.01	0.43
0800N 3600E 2158	31	103	266	9	32	1	3	0.10	1.74	0.32	3.58	0.55	0.07	0.01	0.07
0825N 3600E 2159	30	106	196	9	32	2	2	0.09	1.21	0.35	3.59	0.48	0.07	0.01	0.11
0850N 3600E 2160	227	282	383	10	32	1	3	0.35	3.22	1.03	>5.00	3.60	0.46	0.02	0.35
0875N 3600E 2161	37	102	1135	10	46	1	7	0.06	2.00	0.68	3.65	0.70	0.10	0.02	0.05
0900N 3600E 2162	65	124	405	13	127	1	6	0.17	2.72	1.20	4.62	1.81	0.10	0.01	0.23
0925N 3600E 2163	106	166	937	9	369	2	5	0.21	3.21	0.96	>5.00	1.84	0.16	0.02	0.17
1000N 3600E 2166	20	130	380	7	94	1	2	0.08	2.42	0.67	3.76	0.60	0.07	0.02	0.09
1025N 3600E 2167	40	64	346	18	98	2	5	0.03	3.20	1.53	2.73	0.73	0.16	0.02	0.10
1050N 3600E 2168	20	99	480	10	40	1	3	0.05	2.14	0.47	3.37	0.66	0.09	0.01	0.11
1075N 3600E 2169	18	55	303	8	38	1	2	0.08	1.20	0.51	1.63	0.39	0.06	0.02	0.03
1100N 3600E 2170	46	128	402	14	72	1	5	0.06	3.20	0.74	4.22	0.74	0.13	0.02	0.07
1125N 3600E 2171	20	67	238	9	43	1	3	0.08	1.17	0.45	2.02	0.52	0.07	0.02	0.07
1150N 3600E 2172	29	95	230	9	39	1	3	0.07	1.70	0.43	3.18	0.52	0.07	0.02	0.12
1175N 3600E 2173	22	72	182	8	34	1	2	0.07	1.24	0.32	2.39	0.40	0.06	0.01	0.07
1200N 3600E 2174	25	91	171	7	33	1	2	0.07	1.48	0.35	3.15	0.36	0.05	0.01	0.12
1225N 3600E 2175	23	82	275	6	34	1	2	0.07	0.91	0.29	2.48	0.26	0.06	0.01	0.08
1250N 3600E 2176	18	72	113	5	34	1	1	0.07	0.76	0.23	2.16	0.13	0.05	0.01	0.06
1275N 3600E 2177	26	89	233	7	37	1	2	0.06	1.30	0.44	3.12	0.32	0.10	0.01	0.19
1300N 3600E 2178	24	77	184	9	37	1	2	0.08	1.45	0.40	2.68	0.44	0.07	0.01	0.11
1325N 3600E 2179	29	87	223	10	35	1	3	0.08	1.53	0.44	2.86	0.50	0.08	0.02	0.15
1350N 3600E 2180	34	87	226	8	35	1	3	0.08	1.76	0.38	2.99	0.55	0.08	0.02	0.14
1375N 3600E 2181	28	73	224	10	36	1	3	0.08	1.73	0.35	2.54	0.57	0.08	0.02	0.07
1400N 3600E 2182	20	74	128	7	33	1	2	0.07	1.05	0.28	2.09	0.24	0.05	0.01	0.06
1425N 3600E 2183	33	112	234	9	43	1	3	0.08	1.43	0.50	3.78	0.51	0.07	0.02	0.17
1450N 3600E 2184	12	119	321	7	133	1	4	0.10	1.79	0.89	4.72	0.44	0.08	0.01	0.04
1475N 3600E 2185	11	91	116	6	131	1	2	0.14	1.12	0.42	2.45	0.19	0.08	0.02	0.03
1500N 3600E 2186	43	115	7254	102	67	2	10	0.04	4.21	1.46	>5.00	0.27	0.07	0.02	0.18
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1525N 3600E 2187	Soil	25	0.2	46	5	89	16	<5	<3	11	<10	<2	0.4	13	21	<5	80
1550N 3600E 2188	Soil	<5	0.1	49	5	37	9	<5	<3	9	<10	<2	0.4	9	16	<5	45
1575N 3600E 2189	Soil	<5	<0.1	16	4	24	8	<5	<3	2	<10	<2	0.4	7	11	<5	36
1600N 3600E 2190	Soil	<5	<0.1	8	7	22	6	<5	<3	2	<10	<2	0.2	4	5	<5	44
1625N 3600E 2191	Soil	<5	0.1	17	6	71	10	<5	<3	6	<10	<2	0.5	10	7	<5	291
1650N 3600E 2192	Soil	<5	0.3	28	9	148	7	<5	<3	34	<10	<2	1.1	10	8	<5	301
1675N 3600E 2193	Soil	<5	0.3	44	7	89	9	<5	<3	6	<10	<2	0.1	19	9	<5	173
1700N 3600E 2194	Soil	<5	0.3	160	11	98	9	<5	<3	12	<10	<2	0.2	17	11	<5	228
1725N 3600E 2195	Soil	<5	0.1	143	<2	71	23	<5	<3	9	<10	<2	<0.1	16	21	<5	94
1750N 3600E 2196	Soil	<5	0.3	30	<2	71	12	5	<3	5	<10	<2	0.3	11	7	<5	43
1775N 3600E 2197	Soil	<5	0.3	57	2	123	12	<5	<3	3	<10	<2	0.4	10	9	<5	276
1800N 3600E 2198	Soil	<5	<0.1	37	8	76	9	<5	<3	12	<10	<2	0.2	7	7	14	137
1825N 3600E 2199	Soil	<5	0.3	54	7	140	8	<5	<3	3	<10	<2	0.4	15	13	<5	94
1850N 3600E 2200	Soil	<5	<0.1	34	4	43	10	<5	<3	2	<10	<2	0.4	11	15	<5	63
1875N 3600E 2201	Soil	<5	0.1	62	3	36	12	<5	<3	2	<10	<2	0.4	11	20	<5	83
1900N 3600E 2202	Soil	<5	<0.1	31	4	34	8	<5	<3	2	<10	<2	0.2	9	14	<5	68
1925N 3600E 2203	Soil	<5	<0.1	19	5	28	9	<5	<3	2	<10	<2	0.3	7	10	<5	47
1950N 3600E 2204	Soil	<5	0.1	120	6	75	19	<5	<3	2	<10	<2	0.2	16	13	<5	248
1975N 3600E 2205	Soil	<5	0.1	52	3	42	12	<5	<3	2	<10	<2	0.6	11	18	<5	56
2000N 3600E 2206	Soil	<5	0.5	335	5	82	21	<5	<3	4	<10	<2	0.2	27	40	<5	375
2000N 3700E 2207	Soil	<5	0.2	196	4	36	15	<5	<3	2	<10	<2	0.3	11	17	<5	147
1975N 3700E 2208	Soil	15	<0.1	54	8	73	7	<5	<3	2	<10	<2	0.4	9	7	<5	63
1950N 3700E 2209	Soil	<5	<0.1	18	2	43	9	<5	<3	2	<10	<2	0.2	7	10	<5	52
1925N 3700E 2210	Soil	<5	0.2	54	<2	89	17	<5	<3	3	<10	<2	0.2	16	22	<5	82
1900N 3700E 2211	Soil	<5	0.1	46	<2	85	18	<5	<3	3	<10	<2	0.4	17	21	<5	82
1875N 3700E 2212	Soil	<5	0.2	24	5	24	9	<5	<3	2	<10	<2	0.3	7	8	<5	59
1850N 3700E 2213	Soil	5	0.3	94	<2	75	22	<5	<3	4	<10	<2	0.3	18	32	<5	99
1825N 3700E 2214	Soil	<5	0.1	57	6	50	13	<5	<3	3	<10	<2	0.3	11	8	<5	268
1800N 3700E 2215	Soil	<5	0.2	121	<2	74	12	<5	<3	3	<10	<2	0.2	12	8	<5	351
1775N 3700E 2216	Soil	<5	<0.1	20	7	27	14	<5	<3	13	<10	<2	0.4	4	4	<5	135
1750N 3700E 2217	Soil	<5	<0.1	25	<2	54	71	<5	<3	14	<10	<2	0.3	6	4	<5	19
1725N 3700E 2218	Soil	<5	<0.1	22	2	40	63	<5	<3	8	<10	<2	0.3	7	5	<5	38
1700N 3700E 2219	Soil	<5	<0.1	11	5	49	10	<5	<3	11	<10	<2	0.4	7	6	<5	71
1675N 3700E 2220	Soil	<5	<0.1	5	7	29	<5	<5	<3	3	<10	<2	0.2	4	3	<5	80
1650N 3700E 2221	Soil	<5	<0.1	24	2	46	17	<5	<3	3	<10	<2	0.3	8	11	<5	64
1625N 3700E 2222	Soil	<5	0.3	82	<2	81	24	<5	<3	5	<10	<2	0.2	16	22	<5	107
1600N 3700E 2223	Soil	<5	0.3	40	5	57	13	<5	<3	3	<10	<2	0.3	9	12	<5	68
1575N 3700E 2224	Soil	<5	0.3	54	<2	105	18	<5	<3	3	<10	<2	0.3	17	20	<5	102
1550N 3700E 2225	Soil	<5	<0.1	44	3	27	12	<5	<3	2	<10	<2	0.4	9	15	<5	39
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1525N 3600E 2187	55	179	255	9	31	3	3	0.08	2.21	0.29	>5.00	0.63	0.10	0.01	0.24
1550N 3600E 2188	33	108	175	9	28	1	3	0.07	1.83	0.27	3.57	0.44	0.06	0.01	0.09
1575N 3600E 2189	24	87	134	7	30	1	2	0.06	1.08	0.24	2.60	0.23	0.05	0.01	0.08
1600N 3600E 2190	18	75	86	7	28	<1	1	0.06	0.70	0.18	1.94	0.07	0.04	0.01	0.02
1625N 3600E 2191	6	108	524	7	146	1	3	0.10	1.65	0.30	3.87	0.47	0.09	0.01	0.12
1650N 3600E 2192	6	100	1392	10	118	<1	1	0.08	1.43	0.87	3.92	0.40	0.10	0.02	0.15
1675N 3600E 2193	9	151	781	6	136	1	4	0.46	1.99	0.33	>5.00	0.76	0.17	0.02	0.13
1700N 3600E 2194	10	108	3891	13	156	1	3	0.19	2.73	0.49	>5.00	0.60	0.19	0.01	0.16
1725N 3600E 2195	38	159	243	9	33	1	4	0.09	2.70	0.36	>5.00	0.76	0.10	0.01	0.14
1750N 3600E 2196	4	45	650	10	10	2	4	0.13	2.07	0.28	>5.00	0.48	0.26	0.02	0.22
1775N 3600E 2197	7	35	568	14	254	1	4	0.12	2.22	0.63	4.32	0.58	0.28	0.02	0.15
1800N 3600E 2198	8	52	506	20	42	1	4	0.12	1.53	0.45	2.89	0.23	0.12	0.02	0.03
1825N 3600E 2199	27	94	2106	8	22	<1	2	0.09	1.77	0.23	3.27	0.32	0.12	0.01	0.16
1850N 3600E 2200	40	124	355	7	35	1	2	0.09	1.31	0.38	3.57	0.40	0.07	0.01	0.13
1875N 3600E 2201	43	129	242	9	43	1	3	0.11	1.65	0.55	3.76	0.58	0.09	0.02	0.18
1900N 3600E 2202	33	103	179	8	49	1	3	0.12	1.19	0.51	2.83	0.46	0.08	0.02	0.11
1925N 3600E 2203	35	119	114	7	39	1	2	0.11	0.98	0.31	2.95	0.18	0.05	0.01	0.02
1950N 3600E 2204	16	85	663	20	56	1	5	0.22	2.02	0.79	>5.00	0.78	0.46	0.04	0.20
1975N 3600E 2205	45	124	193	7	38	1	3	0.11	1.36	0.43	3.56	0.52	0.09	0.01	0.11
2000N 3600E 2206	54	140	1847	17	86	1	8	0.10	3.19	0.89	>5.00	1.07	0.22	0.02	0.09
2000N 3700E 2207	31	72	321	25	60	1	4	0.05	1.81	0.57	2.44	0.52	0.11	0.02	0.08
1975N 3700E 2208	15	87	309	6	31	1	2	0.14	1.18	0.23	3.38	0.38	0.14	0.01	0.08
1950N 3700E 2209	38	115	196	5	32	<1	2	0.07	1.17	0.31	3.10	0.19	0.05	0.01	0.16
1925N 3700E 2210	66	191	239	5	26	2	5	0.17	2.18	0.39	>5.00	0.84	0.14	0.01	0.28
1900N 3700E 2211	60	196	473	7	25	2	4	0.17	2.51	0.37	>5.00	0.82	0.12	0.01	0.48
1875N 3700E 2212	22	86	122	8	36	1	2	0.09	1.33	0.31	2.22	0.23	0.06	0.02	0.04
1850N 3700E 2213	71	218	337	10	41	1	4	0.15	2.51	0.51	>5.00	1.02	0.16	0.01	0.24
1825N 3700E 2214	10	104	227	6	394	2	4	0.26	1.85	0.48	3.72	0.57	0.17	0.01	0.10
1800N 3700E 2215	9	106	328	14	791	2	6	0.17	2.97	1.09	3.99	0.89	0.16	0.01	0.27
1775N 3700E 2216	<1	20	175	9	181	1	2	0.04	1.01	0.37	2.70	0.23	0.08	0.01	0.04
1750N 3700E 2217	<1	12	169	6	12	2	3	0.05	1.52	0.14	3.81	0.27	0.16	0.01	0.06
1725N 3700E 2218	4	27	234	5	27	1	3	0.05	1.46	0.29	3.98	0.33	0.13	0.01	0.07
1700N 3700E 2219	6	92	354	6	17	1	3	0.01	1.38	0.20	3.41	0.33	0.09	0.01	0.15
1675N 3700E 2220	8	77	68	4	51	1	1	0.10	0.53	0.19	1.95	0.09	0.05	0.02	0.02
1650N 3700E 2221	38	146	139	6	26	2	3	0.08	2.19	0.28	4.40	0.33	0.09	0.01	0.18
1625N 3700E 2222	59	172	312	5	33	2	6	0.13	2.95	0.33	>5.00	0.81	0.11	0.01	0.32
1600N 3700E 2223	49	145	217	7	27	2	3	0.10	1.75	0.32	4.18	0.40	0.10	0.01	0.18
1575N 3700E 2224	67	206	271	8	28	2	5	0.12	3.28	0.36	>5.00	0.69	0.11	0.01	0.52
1550N 3700E 2225	34	115	167	6	32	1	2	0.07	1.35	0.36	3.41	0.37	0.07	0.01	0.12
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1525N 3700E 2226	Soil	<5	0.6	253	3	52	8	<5	<3	27	<10	<2	0.1	5	14	<5	119
1500N 3700E 2227	Soil	<5	<0.1	26	8	64	<5	<5	<3	7	<10	<2	0.5	5	5	<5	102
1475N 3700E 2228	Soil	<5	0.9	382	3	59	14	<5	<3	5	<10	<2	0.1	8	28	<5	230
1450N 3700E 2229	Soil	<5	1.7	672	3	57	15	<5	<3	17	<10	<2	0.6	16	52	<5	265
1425N 3700E 2230	Soil	20	0.3	38	3	51	13	<5	<3	5	<10	<2	0.4	7	6	<5	639
1400N 3700E 2231	Soil	<5	0.2	49	3	42	13	<5	<3	2	<10	<2	0.4	11	21	<5	75
1375N 3700E 2232	Soil	<5	0.1	27	3	53	12	<5	<3	2	<10	<2	0.4	10	16	<5	52
1350N 3700E 2233	Soil	<5	0.1	27	4	39	11	<5	<3	2	<10	<2	0.2	8	16	<5	50
1325N 3700E 2234	Soil	<5	<0.1	21	2	57	15	<5	<3	2	<10	<2	0.2	9	16	<5	87
1300N 3700E 2235	Soil	<5	0.1	6	6	18	6	<5	<3	2	<10	<2	0.4	4	6	<5	34
1275N 3700E 2236	Soil	<5	<0.1	40	5	29	8	<5	<3	3	<10	<2	0.3	8	12	<5	77
1250N 3700E 2237	Soil	<5	<0.1	23	5	43	7	<5	<3	5	<10	<2	0.4	8	11	<5	67
1225N 3700E 2238	Soil	<5	<0.1	26	4	33	7	<5	<3	2	<10	<2	0.3	8	13	<5	73
1200N 3700E 2239	Soil	<5	<0.1	20	2	48	6	<5	<3	2	<10	<2	0.2	8	11	<5	69
0525N 3500E 2240	Soil	<5	0.1	10	4	51	8	<5	<3	2	<10	<2	0.3	8	12	<5	54
0550N 3500E 2241	Soil	<5	0.2	13	<2	57	11	<5	<3	2	<10	<2	0.3	8	18	<5	69
0575N 3500E 2242	Soil	20	0.1	49	4	32	7	<5	<3	1	<10	<2	0.4	10	18	<5	74
0600N 3500E 2243	Soil	5	0.2	54	<2	99	11	<5	<3	3	<10	<2	0.3	17	34	<5	75
0625N 3500E 2244	Soil	5	0.2	54	<2	115	13	<5	<3	4	<10	<2	0.4	23	36	<5	122
0650N 3500E 2245	Soil	10	0.1	8	6	38	5	<5	<3	2	<10	<2	0.2	5	9	<5	33
0675N 3500E 2246	Soil	<5	0.1	19	3	85	10	<5	<3	2	<10	<2	0.3	12	21	<5	55
0700N 3500E 2247	Soil	5	0.1	29	4	48	8	<5	<3	3	<10	<2	0.3	9	16	<5	72
0725N 3500E 2248	Soil	<5	0.2	21	4	82	9	<5	<3	2	<10	<2	0.4	13	16	<5	92
0750N 3500E 2249	Soil	<5	0.2	40	4	59	10	<5	<3	3	<10	<2	0.4	13	19	<5	99
0775N 3500E 2250	Soil	10	0.2	33	3	50	11	<5	<3	3	<10	<2	0.4	11	17	<5	74
0800N 3500E 2251	Soil	5	0.3	34	2	47	10	<5	<3	2	<10	<2	0.3	10	15	<5	68
0825N 3500E 2252	Soil	5	<0.1	62	3	41	13	<5	<3	2	<10	<2	0.3	10	20	<5	94
0850N 3500E 2253	Soil	5	<0.1	11	9	32	6	<5	<3	1	<10	<2	0.2	7	11	<5	50
0875N 3500E 2254	Soil	35	<0.1	20	8	44	6	<5	<3	2	<10	<2	0.2	8	14	<5	53
0900N 3500E 2255	Soil	5	<0.1	54	4	52	10	<5	<3	2	<10	<2	0.4	10	17	<5	86
0925N 3500E 2256	Soil	5	<0.1	45	<2	40	9	<5	<3	2	<10	<2	0.3	10	17	<5	73
0950N 3500E 2257	Soil	<5	<0.1	31	<2	88	95	<5	<3	26	<10	<2	0.5	8	11	<5	249
1025N 3500E 2260	Soil	15	0.5	290	2	89	20	<5	<3	12	<10	<2	0.4	17	33	<5	360
1050N 3500E 2261	Soil	<5	0.1	29	<2	87	11	<5	<3	3	<10	<2	0.4	8	16	<5	57
1075N 3500E 2262	Soil	5	<0.1	14	6	27	6	<5	<3	1	<10	2	0.4	7	8	<5	48
1100N 3500E 2263	Soil	<5	0.1	35	4	40	7	<5	<3	1	<10	<2	0.3	9	13	<5	68
1125N 3500E 2264	Soil	5	0.1	32	3	45	9	<5	<3	2	<10	<2	0.4	9	16	<5	69
1150N 3500E 2265	Soil	<5	<0.1	42	3	45	12	<5	<3	2	<10	<2	0.3	10	19	<5	95
1175N 3500E 2266	Soil	25	0.1	18	3	48	11	<5	<3	3	<10	<2	0.5	9	14	<5	66
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 9100272 R Kookaburra Gold Corp. Project: COL Page 4 of 10 Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1525N 3700E 2226	13	22	2297	162	213	2	3	0.01	1.30	4.34	1.30	0.35	0.09	0.02	0.14
1500N 3700E 2227	10	59	425	8	57	1	1	0.11	0.63	0.32	2.30	0.13	0.10	0.01	0.04
1475N 3700E 2228	32	53	258	65	117	1	4	0.03	3.35	1.48	2.84	0.54	0.13	0.02	0.10
1450N 3700E 2229	49	118	1480	40	123	3	11	0.08	4.58	1.83	>5.00	0.65	0.16	0.02	0.08
1425N 3700E 2230	10	96	172	7	606	1	4	0.07	2.01	0.70	3.99	0.45	0.12	0.02	0.15
1400N 3700E 2231	34	110	256	8	39	1	3	0.08	1.92	0.38	3.69	0.56	0.10	0.02	0.17
1375N 3700E 2232	32	100	231	8	36	2	3	0.07	1.95	0.34	3.37	0.38	0.07	0.01	0.20
1350N 3700E 2233	29	87	192	8	34	<1	2	0.07	1.48	0.30	2.85	0.34	0.06	0.01	0.15
1325N 3700E 2234	31	102	256	6	37	2	3	0.07	2.54	0.34	3.90	0.35	0.06	0.01	0.45
1300N 3700E 2235	15	56	89	7	30	1	1	0.08	0.81	0.23	1.51	0.16	0.04	0.02	0.04
1275N 3700E 2236	21	73	196	8	43	1	3	0.08	0.94	0.41	2.14	0.38	0.05	0.02	0.03
1250N 3700E 2237	20	74	162	8	34	1	2	0.08	1.09	0.31	2.26	0.37	0.06	0.01	0.03
1225N 3700E 2238	18	67	175	9	41	1	2	0.08	1.26	0.46	2.08	0.43	0.07	0.02	0.09
1200N 3700E 2239	17	58	193	8	33	1	2	0.08	1.11	0.31	1.92	0.46	0.06	0.02	0.06
0525N 3500E 2240	31	104	203	7	28	1	2	0.06	1.30	0.28	3.38	0.28	0.07	0.01	0.21
0550N 3500E 2241	40	88	173	9	20	1	3	0.06	2.28	0.17	3.86	0.33	0.04	0.01	0.13
0575N 3500E 2242	27	71	221	10	44	1	3	0.09	1.14	0.55	2.18	0.53	0.06	0.02	0.11
0600N 3500E 2243	58	136	263	7	33	1	3	0.12	2.31	0.38	4.52	0.67	0.08	0.01	0.25
0625N 3500E 2244	76	221	306	6	53	3	6	0.25	2.49	0.57	>5.00	1.03	0.15	0.01	0.51
0650N 3500E 2245	25	88	103	5	31	1	2	0.11	0.82	0.24	2.47	0.16	0.04	0.01	0.06
0675N 3500E 2246	36	95	337	7	28	1	2	0.08	1.56	0.31	3.52	0.44	0.07	0.01	0.27
0700N 3500E 2247	31	99	230	8	29	1	2	0.07	1.19	0.27	3.31	0.37	0.06	0.01	0.14
0725N 3500E 2248	43	114	245	8	40	1	3	0.15	1.52	0.36	3.99	0.51	0.09	0.01	0.14
0750N 3500E 2249	31	108	330	9	43	1	3	0.11	1.60	0.46	3.74	0.63	0.06	0.02	0.17
0775N 3500E 2250	37	117	240	7	42	1	3	0.13	1.38	0.38	3.94	0.54	0.07	0.02	0.13
0800N 3500E 2251	27	97	254	7	42	1	3	0.10	1.38	0.42	3.31	0.53	0.07	0.02	0.13
0825N 3500E 2252	28	81	243	11	43	<1	3	0.08	1.65	0.51	2.82	0.55	0.08	0.02	0.13
0850N 3500E 2253	22	49	98	7	46	1	1	0.13	1.06	0.23	1.20	0.38	0.04	0.01	0.03
0875N 3500E 2254	26	65	141	9	40	<1	2	0.10	1.08	0.49	1.77	0.56	0.06	0.02	0.12
0900N 3500E 2255	30	80	322	8	37	1	1	0.07	1.48	0.43	2.46	0.55	0.06	0.02	0.10
0925N 3500E 2256	30	93	242	10	43	1	3	0.08	1.43	0.45	2.94	0.50	0.07	0.02	0.12
0950N 3500E 2257	6	15	1241	3	114	1	<1	<0.01	0.31	2.34	>5.00	0.18	0.03	0.01	0.17
1025N 3500E 2260	56	171	608	50	64	1	10	0.08	3.20	0.89	>5.00	0.96	0.16	0.01	0.10
1050N 3500E 2261	30	82	227	8	23	3	3	0.06	2.61	0.25	3.07	0.34	0.07	0.01	0.25
1075N 3500E 2262	19	78	163	8	35	1	2	0.08	0.84	0.29	2.19	0.24	0.06	0.01	0.05
1100N 3500E 2263	22	73	283	9	37	1	2	0.08	1.28	0.38	2.29	0.41	0.07	0.02	0.08
1125N 3500E 2264	25	86	205	8	35	1	2	0.09	1.41	0.35	2.90	0.46	0.07	0.01	0.09
1150N 3500E 2265	29	92	211	9	36	2	3	0.08	1.78	0.40	3.23	0.47	0.08	0.01	0.12
1175N 3500E 2266	32	126	173	7	30	2	3	0.09	1.69	0.31	4.14	0.36	0.07	0.01	0.18
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1200N 3500E 2267	Soil	<5	0.1	14	3	74	9	<5	<3	2	<10	<2	0.4	8	12	<5	67
1225N 3500E 2268	Soil	<5	<0.1	25	5	45	8	<5	<3	3	<10	<2	0.4	8	13	<5	78
1250N 3500E 2269	Soil	10	0.1	54	3	58	14	<5	<3	4	<10	<2	0.2	13	18	<5	93
1275N 3500E 2270	Soil	<5	0.1	40	2	47	14	<5	<3	3	<10	<2	0.5	10	19	<5	62
1300N 3500E 2271	Soil	<5	0.2	55	4	70	12	<5	<3	3	<10	<2	0.4	29	21	<5	183
1325N 3500E 2272	Soil	<5	0.1	14	2	44	11	<5	<3	2	<10	<2	0.3	7	11	<5	60
1350N 3500E 2273	Soil	<5	0.1	22	4	36	8	<5	<3	1	<10	<2	0.2	7	9	<5	77
1375N 3500E 2274	Soil	<5	0.1	25	3	45	8	<5	<3	2	<10	<2	0.3	8	13	<5	64
1400N 3500E 2275	Soil	<5	0.3	21	3	30	8	<5	<3	2	<10	<2	0.2	6	9	<5	52
1425N 3500E 2276	Soil	<5	0.2	17	3	27	8	<5	<3	2	<10	<2	0.2	5	6	<5	60
1450N 3500E 2277	Soil	<5	<0.1	39	<2	42	8	<5	<3	4	<10	<2	0.4	9	44	<5	55
1475N 3500E 2278	Soil	<5	1.0	240	<2	77	10	<5	<3	37	<10	<2	0.4	18	44	<5	383
1500N 3500E 2279	Soil	5	<0.1	31	2	65	8	<5	<3	5	<10	<2	0.6	14	18	<5	63
1525N 3500E 2280	Soil	15	<0.1	17	4	26	9	<5	<3	3	<10	<2	0.4	6	10	<5	76
1550N 3500E 2281	Soil	<5	<0.1	11	4	24	7	<5	<3	15	<10	<2	0.2	3	3	<5	300
1575N 3500E 2282	Soil	15	0.2	21	<2	118	13	<5	<3	5	<10	<2	0.3	10	7	<5	207
1600N 3500E 2283	Soil	5	0.3	73	<2	63	9	<5	<3	11	<10	<2	0.4	7	7	<5	80
1625N 3500E 2284	Soil	<5	0.1	19	8	44	8	<5	<3	4	<10	<2	0.5	9	10	<5	77
1650N 3500E 2285	Soil	<5	0.1	11	6	34	11	<5	<3	3	<10	<2	0.4	6	8	<5	51
1700N 3500E 2287	Soil	10	0.3	60	5	72	14	<5	<3	4	<10	<2	0.2	12	18	<5	81
1725N 3500E 2288	Soil	5	<0.1	36	3	36	14	<5	<3	2	<10	<2	0.5	8	14	<5	47
1750N 3500E 2289	Soil	10	0.1	44	4	149	12	<5	<3	3	<10	<2	0.3	11	13	<5	77
1775N 3500E 2290	Soil	<5	<0.1	45	8	106	9	<5	<3	3	<10	<2	0.3	14	11	<5	90
1800N 3500E 2291	Soil	<5	0.1	18	4	51	10	<5	<3	2	<10	<2	0.5	9	12	<5	57
1825N 3500E 2292	Soil	5	<0.1	25	3	37	7	<5	<3	2	<10	<2	0.2	8	11	<5	50
1850N 3500E 2293	Soil	<5	<0.1	34	<2	36	10	<5	<3	2	<10	<2	0.4	8	14	<5	57
1875N 3500E 2294	Soil	<5	<0.1	12	5	21	5	<5	<3	1	<10	<2	0.3	4	4	<5	49
1900N 3500E 2295	Soil	<5	0.3	20	3	31	8	<5	<3	2	<10	<2	0.4	7	10	<5	30
1925N 3500E 2296	Soil	<5	0.3	257	6	117	42	<5	<3	3	<10	<2	0.8	14	30	<5	104
1950N 3500E 2297	Soil	<5	<0.1	83	5	41	13	<5	<3	2	<10	<2	0.5	14	22	<5	66
1975N 3500E 2298	Soil	<5	0.2	41	6	91	45	5	<3	4	<10	<2	0.4	15	24	<5	103
2000N 3500E 2299	Soil	<5	0.3	44	5	137	29	<5	<3	3	<10	<2	0.5	18	19	<5	140
0525N 3400E 2300	Soil	<5	<0.1	18	4	31	6	<5	<3	1	<10	<2	0.3	7	12	<5	55
0550N 3400E 2301	Soil	<5	0.2	19	5	54	9	<5	<3	2	<10	<2	0.6	11	23	<5	59
0575N 3400E 2302	Soil	<5	0.8	230	<2	59	9	<5	<3	3	<10	<2	0.6	16	35	<5	211
0600N 3400E 2303	Soil	<5	<0.1	13	2	32	7	<5	<3	4	<10	3	0.3	7	12	<5	71
0625N 3400E 2304	Soil	<5	<0.1	48	2	84	8	<5	<3	3	<10	<2	0.4	12	19	<5	138
0650N 3400E 2305	Soil	<5	0.2	69	<2	109	9	6	<3	4	<10	<2	0.4	38	72	<5	156
0675N 3400E 2306	Soil	<5	0.4	53	10	113	16	<5	<3	9	<10	<2	0.5	16	15	<5	110
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1200N 3500E 2267	26	93	291	7	35	1	2	0.07	1.33	0.30	3.24	0.28	0.08	0.01	0.20
1225N 3500E 2268	29	109	158	5	39	1	2	0.09	1.04	0.35	3.00	0.32	0.06	0.01	0.03
1250N 3500E 2269	31	98	338	10	38	1	4	0.08	2.23	0.38	3.15	0.39	0.06	0.02	0.10
1275N 3500E 2270	40	116	205	7	34	1	3	0.08	1.76	0.34	3.91	0.50	0.07	0.01	0.19
1300N 3500E 2271	31	104	741	12	59	<1	3	0.07	2.08	0.46	3.80	0.49	0.10	0.01	0.12
1325N 3500E 2272	26	98	163	7	42	1	2	0.07	1.32	0.41	3.25	0.31	0.07	0.01	0.25
1350N 3500E 2273	18	65	165	7	47	1	2	0.08	1.15	0.37	2.02	0.31	0.05	0.02	0.08
1375N 3500E 2274	26	94	178	7	36	1	2	0.08	1.38	0.33	2.96	0.39	0.07	0.01	0.11
1400N 3500E 2275	21	77	172	8	33	1	2	0.07	1.29	0.26	2.30	0.27	0.05	0.01	0.06
1425N 3500E 2276	17	70	114	6	31	1	2	0.06	1.18	0.25	2.08	0.17	0.04	0.01	0.06
1450N 3500E 2277	25	77	195	7	34	1	2	0.08	1.56	0.31	2.65	0.51	0.07	0.01	0.11
1475N 3500E 2278	48	89	1225	26	115	1	5	0.03	4.45	1.63	4.37	0.91	0.21	0.02	0.17
1500N 3500E 2279	50	183	300	7	33	1	2	0.10	1.27	0.40	4.66	0.53	0.08	0.01	0.07
1525N 3500E 2280	25	90	103	7	36	1	2	0.06	1.08	0.27	2.58	0.15	0.05	0.01	0.08
1550N 3500E 2281	3	52	94	4	354	<1	1	0.05	1.23	0.50	1.51	0.23	0.10	0.01	0.02
1575N 3500E 2282	7	84	641	7	67	1	3	0.06	2.64	0.28	4.30	0.63	0.08	0.01	0.17
1600N 3500E 2283	6	90	584	6	17	1	2	0.01	2.25	0.12	4.59	0.40	0.08	0.01	0.16
1625N 3500E 2284	30	98	176	9	43	2	2	0.13	1.18	0.30	2.74	0.34	0.08	0.01	0.07
1650N 3500E 2285	26	106	210	6	39	1	2	0.09	0.86	0.30	2.80	0.18	0.05	0.01	0.08
1700N 3500E 2287	34	134	345	9	27	1	3	0.09	2.51	0.23	>5.00	0.50	0.12	0.01	0.16
1725N 3500E 2288	40	130	170	6	30	1	2	0.06	1.56	0.32	3.71	0.29	0.07	0.01	0.18
1750N 3500E 2289	29	102	300	8	28	1	3	0.08	2.04	0.22	4.16	0.48	0.12	0.02	0.18
1775N 3500E 2290	17	101	929	8	27	3	3	0.25	1.96	0.28	4.33	0.52	0.25	0.02	0.21
1800N 3500E 2291	35	114	309	7	35	1	2	0.08	1.25	0.39	3.36	0.29	0.08	0.01	0.17
1825N 3500E 2292	20	64	179	8	43	1	2	0.12	1.18	0.42	1.80	0.41	0.06	0.02	0.05
1850N 3500E 2293	30	87	167	8	39	1	2	0.08	1.39	0.45	2.73	0.38	0.06	0.02	0.16
1875N 3500E 2294	11	45	83	8	32	<1	1	0.06	0.65	0.23	1.09	0.09	0.04	0.01	0.02
1900N 3500E 2295	35	114	141	5	30	1	2	0.09	1.07	0.30	3.13	0.27	0.05	0.01	0.14
1925N 3500E 2296	51	74	553	13	89	1	5	0.04	1.58	2.07	3.40	0.74	0.11	0.02	0.13
1950N 3500E 2297	49	125	336	9	42	1	3	0.13	1.34	0.63	3.55	0.77	0.11	0.02	0.16
1975N 3500E 2298	44	180	270	5	24	<1	3	0.08	2.23	0.28	>5.00	0.56	0.11	0.01	0.14
2000N 3500E 2299	41	184	340	6	35	2	4	0.10	2.33	0.36	>5.00	0.72	0.13	0.01	0.15
0525N 3400E 2300	18	48	144	8	34	1	2	0.08	1.01	0.37	1.53	0.41	0.06	0.02	0.06
0550N 3400E 2301	57	116	175	8	27	1	2	0.11	1.32	0.31	3.65	0.56	0.08	0.01	0.19
0575N 3400E 2302	49	95	883	20	112	1	5	0.05	2.10	1.73	3.25	0.63	0.12	0.02	0.10
0600N 3400E 2303	29	115	134	6	30	1	2	0.12	1.15	0.28	2.67	0.32	0.06	0.01	0.03
0625N 3400E 2304	34	104	991	8	55	1	3	0.14	1.69	0.37	3.49	0.55	0.11	0.01	0.08
0650N 3400E 2305	212	294	363	12	106	3	15	0.35	4.06	1.09	>5.00	2.60	0.52	0.01	0.33
0675N 3400E 2306	41	120	438	6	87	2	6	0.30	1.83	0.21	>5.00	0.62	0.41	0.01	0.23
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0700N 3400E 2307	Soil	<5	0.1	24	4	77	9	<5	<3	3	<10	<2	0.6	13	18	<5	80
0725N 3400E 2308	Soil	<5	1.3	523	<2	50	<5	<5	<3	7	<10	<2	0.4	9	28	<5	119
0750N 3400E 2309	Soil	<5	0.3	65	5	38	<5	<5	<3	3	<10	<2	0.5	2	11	<5	135
0800N 3400E 2311	Soil	10	<0.1	31	4	38	9	<5	<3	2	<10	<2	0.4	8	15	<5	62
0825N 3400E 2312	Soil	<5	<0.1	32	<2	51	12	<5	<3	2	<10	<2	0.6	10	17	<5	65
0850N 3400E 2313	Soil	<5	0.1	21	<2	53	10	<5	<3	2	<10	<2	0.3	9	16	<5	74
0875N 3400E 2314	Soil	<5	<0.1	18	2	39	8	<5	<3	2	<10	<2	0.4	8	13	<5	67
0900N 3400E 2315	Soil	<5	<0.1	29	3	24	8	<5	<3	1	<10	<2	0.2	9	15	<5	63
1000N 3400E 2319	Soil	<5	0.2	115	5	24	5	<5	<3	16	<10	<2	0.1	2	6	<5	80
1275N 2400E 2501	Soil	<5	0.8	396	4	90	58	<5	<3	3	<10	<2	1.1	25	31	<5	315
1300N 2400E 2502	Soil	<5	0.3	479	<2	68	126	<5	<3	3	<10	<2	0.4	28	35	<5	267
1325N 2400E 2503	Soil	<5	0.7	1641	<2	157	55	<5	<3	6	<10	<2	1.0	45	24	<5	163
1350N 2400E 2504	Soil	<5	0.4	131	<2	85	18	6	<3	4	<10	<2	0.3	36	51	<5	146
1375N 2400E 2505	Soil	<5	0.5	61	2	96	40	<5	<3	5	<10	<2	0.5	24	15	<5	152
1400N 2400E 2506	Soil	<5	0.2	150	5	35	54	<5	<3	3	<10	<2	0.2	14	17	<5	223
1425N 2400E 2507	Soil	<5	0.2	26	2	65	24	<5	<3	4	<10	<2	0.2	16	18	<5	108
1450N 2400E 2508	Soil	<5	<0.1	52	4	39	43	<5	<3	4	<10	<2	0.4	15	18	<5	132
1475N 2400E 2509	Soil	<5	0.2	217	2	36	48	<5	<3	5	<10	<2	1.1	7	18	<5	154
1500N 2400E 2510	Soil	<5	0.2	173	6	168	372	11	<3	3	<10	<2	0.6	31	32	<5	1612
1525N 2400E 2511	Soil	<5	0.2	86	3	307	198	<5	<3	3	<10	<2	0.6	26	40	<5	446
1550N 2400E 2512	Soil	<5	0.3	92	22	304	2631	<5	<3	4	<10	<2	1.6	31	37	<5	353
1575N 2400E 2513	Soil	<5	0.6	75	9	394	793	5	<3	4	<10	<2	1.3	38	39	<5	242
1600N 2400E 2514	Soil	15	0.4	174	19	283	1015	6	<3	3	<10	<2	1.3	39	37	<5	275
1625N 2400E 2515	Soil	<5	0.4	210	32	307	1275	5	<3	3	<10	<2	2.3	90	30	<5	183
1650N 2400E 2516	Soil	<5	0.4	77	24	157	480	5	<3	4	<10	<2	1.0	35	24	<5	159
1675N 2400E 2517	Soil	5	0.4	83	8	163	861	9	<3	3	<10	<2	1.0	31	35	<5	217
1700N 2400E 2518	Soil	5	0.2	61	12	99	129	<5	<3	3	<10	<2	0.6	24	21	<5	197
1725N 2400E 2519	Soil	<5	0.2	132	44	207	825	5	<3	3	<10	<2	0.9	65	28	<5	187
1750N 2400E 2520	Soil	<5	<0.1	18	9	111	65	<5	<3	2	<10	<2	0.7	14	16	<5	202
1775N 2400E 2521	Soil	5	0.5	145	207	268	353	<5	<3	5	<10	<2	1.6	43	36	<5	130
1800N 2400E 2522	Soil	5	0.3	203	19	171	2222	<5	<3	3	<10	<2	0.6	30	35	<5	224
1825N 2400E 2523	Soil	<5	0.4	49	13	135	148	<5	<3	2	<10	<2	0.9	19	21	<5	219
1850N 2400E 2524	Soil	<5	0.5	66	12	213	119	<5	<3	3	<10	<2	0.4	26	20	<5	163
1875N 2400E 2525	Soil	<5	0.2	91	88	281	82	6	<3	6	<10	<2	1.4	24	31	<5	164
1925N 2400E 2527	Soil	<5	0.7	72	95	355	99	<5	<3	2	<10	<2	2.3	23	21	<5	153
1975N 2400E 2529	Soil	<5	1.6	63	78	182	66	6	<3	3	<10	<2	1.8	25	18	<5	135
2000N 2400E 2530	Soil	<5	0.8	84	72	366	152	<5	<3	2	<10	<2	1.5	22	20	<5	312
2000N 2600E 2531	Soil	<5	0.2	46	<2	80	9	<5	<3	1	<10	<2	0.6	24	10	<5	69
1975N 2600E 2532	Soil	<5	0.2	178	<2	116	20	5	<3	1	<10	<2	0.3	32	13	<5	82
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0700N 3400E 2307	48	133	310	7	41	2	3	0.18	1.27	0.38	4.26	0.63	0.11	0.01	0.11
0725N 3400E 2308	25	42	1360	31	139	3	6	0.02	1.92	3.38	2.18	0.50	0.11	0.01	0.18
0750N 3400E 2309	3	29	116	3	201	2	1	<0.01	0.37	4.58	0.40	0.36	0.02	0.01	0.10
0800N 3400E 2311	24	74	183	9	39	1	3	0.08	1.52	0.41	2.31	0.46	0.07	0.01	0.10
0825N 3400E 2312	35	131	226	7	33	1	3	0.09	1.83	0.36	4.65	0.49	0.09	0.01	0.29
0850N 3400E 2313	29	110	209	7	29	1	3	0.08	2.16	0.26	3.91	0.34	0.06	0.01	0.22
0875N 3400E 2314	31	106	163	6	30	1	2	0.08	1.56	0.27	3.45	0.32	0.05	0.01	0.13
0900N 3400E 2315	29	92	166	8	32	1	2	0.08	1.08	0.36	2.78	0.36	0.05	0.01	0.08
1000N 3400E 2319	2	18	189	32	112	1	1	<0.01	0.36	2.68	0.70	0.14	0.03	0.01	0.10
1275N 2400E 2501	48	146	1559	12	76	1	6	0.10	1.83	1.77	4.59	0.93	0.18	0.02	0.11
1300N 2400E 2502	58	195	977	11	79	2	12	0.17	2.51	1.36	>5.00	1.67	0.16	0.03	0.09
1325N 2400E 2503	16	262	706	7	60	2	6	0.17	2.74	0.93	>5.00	1.43	0.14	0.02	0.18
1350N 2400E 2504	125	254	451	2	37	2	5	0.41	3.41	0.53	>5.00	2.20	0.69	0.01	0.06
1375N 2400E 2505	24	294	319	5	49	3	5	0.32	2.02	0.52	>5.00	0.86	0.21	0.02	0.09
1400N 2400E 2506	45	84	1039	37	53	1	5	0.03	1.55	1.17	2.97	0.44	0.14	0.02	0.07
1425N 2400E 2507	37	165	466	6	71	<1	5	0.03	2.42	0.38	>5.00	0.82	0.09	0.01	0.09
1450N 2400E 2508	45	143	326	6	47	1	4	0.09	1.98	0.58	4.43	0.58	0.09	0.01	0.04
1475N 2400E 2509	11	72	75	12	54	1	1	0.01	1.23	0.92	3.25	0.20	0.09	0.01	0.04
1500N 2400E 2510	35	181	307	7	479	1	7	0.04	4.94	0.88	>5.00	1.20	0.23	0.02	0.11
1525N 2400E 2511	48	162	288	9	155	1	8	0.15	3.77	0.62	>5.00	1.10	0.16	0.02	0.13
1550N 2400E 2512	38	157	549	7	213	1	7	0.05	4.36	0.83	>5.00	0.78	0.23	<0.01	0.09
1575N 2400E 2513	52	176	775	9	403	1	7	0.12	4.69	0.64	>5.00	0.94	0.34	<0.01	0.11
1600N 2400E 2514	47	178	896	9	359	1	8	0.13	4.43	0.54	>5.00	0.89	0.23	0.01	0.12
1625N 2400E 2515	10	180	3226	7	467	1	4	0.05	>5.00	1.32	>5.00	1.58	0.18	0.02	0.17
1650N 2400E 2516	40	179	983	6	297	1	3	0.06	3.87	0.80	>5.00	0.70	0.13	0.01	0.11
1675N 2400E 2517	38	194	455	6	364	1	3	0.05	4.67	1.00	>5.00	1.07	0.11	0.02	0.11
1700N 2400E 2518	22	132	306	6	512	1	4	0.11	4.30	1.05	4.35	1.01	0.16	0.03	0.07
1725N 2400E 2519	25	197	1013	7	235	1	7	0.13	3.68	0.94	>5.00	1.57	0.25	0.02	0.10
1750N 2400E 2520	21	73	218	5	197	1	3	0.06	2.10	0.74	2.82	0.61	0.18	0.01	0.12
1775N 2400E 2521	38	200	1826	5	181	<1	3	0.06	2.73	1.08	>5.00	1.85	0.29	0.01	0.31
1800N 2400E 2522	33	157	465	7	235	1	4	0.08	3.99	0.80	>5.00	0.84	0.19	0.01	0.20
1825N 2400E 2523	29	114	616	5	193	1	2	0.06	2.88	0.98	4.65	0.67	0.32	0.01	0.22
1850N 2400E 2524	17	157	347	6	248	2	4	0.22	4.84	0.96	>5.00	1.06	0.25	0.02	0.12
1875N 2400E 2525	38	187	466	6	261	1	5	0.16	4.16	0.92	>5.00	0.73	0.19	0.02	0.15
1925N 2400E 2527	19	126	758	7	88	1	3	0.14	4.47	0.76	>5.00	0.73	0.19	0.03	0.46
1975N 2400E 2529	23	115	972	6	93	1	4	0.16	3.05	0.54	4.48	0.85	0.19	0.04	0.21
2000N 2400E 2530	16	153	528	6	442	2	4	0.19	>5.00	0.79	>5.00	1.22	0.25	0.03	0.13
2000N 2600E 2531	1	171	620	4	31	3	4	0.28	2.51	0.94	4.99	1.63	0.20	0.02	0.09
1975N 2600E 2532	1	194	837	3	50	3	6	0.27	4.13	1.21	>5.00	2.87	0.39	0.07	0.18
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1950N 2600E 2533	Soil	<5	0.1	356	<2	94	148	5	<3	3	<10	<2	0.1	34	14	<5	83
1925N 2600E 2534	Soil	<5	0.2	197	<2	85	239	<5	<3	2	<10	<2	<0.1	32	13	<5	59
1900N 2600E 2535	Soil	<5	0.2	206	<2	76	56	<5	<3	2	<10	<2	<0.1	30	12	<5	99
1875N 2600E 2536	Soil	<5	0.2	184	<2	106	34	<5	<3	2	<10	<2	0.1	27	12	<5	47
1850N 2600E 2537	Soil	<5	0.4	289	5	91	14	<5	<3	2	<10	<2	0.8	25	19	<5	116
1825N 2600E 2538	Soil	<5	0.4	451	<2	84	30	<5	<3	3	<10	<2	0.9	35	15	<5	91
1800N 2600E 2539	Soil	<5	0.2	136	2	89	14	<5	<3	2	<10	<2	0.3	25	13	<5	52
1775N 2600E 2540	Soil	<5	0.3	162	6	139	82	<5	<3	3	<10	<2	1.5	36	14	<5	170
1725N 2600E 2542	Soil	<5	<0.1	114	6	83	33	<5	<3	3	<10	<2	1.4	11	15	<5	66
1700N 2600E 2543	Soil	<5	0.2	162	2	97	191	<5	<3	3	<10	<2	0.4	29	17	<5	142
1675N 2600E 2544	Soil	<5	0.4	108	7	142	20	<5	<3	3	<10	<2	0.9	30	12	<5	101
1650N 2600E 2545	Soil	5	2.3	2443	5	52	96	<5	<3	3	<10	<2	0.3	12	15	<5	138
1625N 2600E 2546	Soil	<5	1.3	2885	6	74	110	<5	<3	6	<10	<2	2.3	18	39	<5	136
1600N 2600E 2547	Soil	25	0.2	171	7	118	30	<5	<3	2	<10	<2	0.4	22	20	<5	946
1575N 2600E 2548	Soil	<5	1.0	1045	4	78	28	<5	<3	7	<10	<2	1.7	21	44	<5	175
1550N 2600E 2549	Soil	<5	0.2	77	5	153	45	<5	<3	3	<10	<2	0.1	23	21	<5	210
1525N 2600E 2550	Soil	<5	0.7	437	3	73	134	<5	<3	3	<10	<2	0.4	19	44	<5	179
1500N 2600E 2551	Soil	<5	0.2	147	5	51	80	<5	<3	2	<10	<2	0.3	16	22	<5	130
1475N 2600E 2552	Soil	<5	0.4	239	3	185	57	<5	<3	3	<10	<2	0.7	17	34	<5	163
1450N 2600E 2553	Soil	10	0.2	103	<2	67	27	<5	<3	2	<10	<2	0.3	18	23	<5	66
1425N 2600E 2554	Soil	<5	0.7	468	4	187	26	<5	<3	5	<10	<2	2.9	34	65	<5	138
1400N 2600E 2555	Soil	<5	0.6	302	5	182	23	<5	<3	4	<10	<2	1.1	33	31	<5	85
1375N 2600E 2556	Soil	<5	0.9	747	3	60	10	<5	<3	4	<10	<2	1.1	12	48	<5	92
1350N 2600E 2557	Soil	<5	1.0	938	2	94	13	<5	<3	6	<10	<2	0.9	16	48	<5	115
1325N 2600E 2558	Soil	<5	0.6	399	5	148	30	<5	<3	7	<10	<2	0.8	30	24	<5	271
1300N 2600E 2559	Soil	<5	<0.1	46	4	52	11	<5	<3	2	<10	<2	0.4	13	15	<5	58
1275N 2600E 2560	Soil	10	0.1	156	<2	46	15	<5	<3	3	<10	<2	0.1	17	21	<5	64
1250N 2600E 2561	Soil	<5	0.3	252	<2	57	11	<5	<3	3	<10	<2	0.2	24	18	<5	94
1225N 2600E 2562	Soil	5	0.2	269	<2	58	834	<5	<3	5	<10	<2	0.1	18	24	<5	82
1200N 2600E 2563	Soil	15	<0.1	70	4	35	17	<5	<3	2	<10	<2	0.1	10	17	<5	35
1175N 2600E 2564	Soil	<5	0.2	122	6	90	6	<5	<3	3	<10	<2	<0.1	20	26	<5	108
1150N 2600E 2565	Soil	<5	0.2	116	3	62	7	<5	<3	3	<10	<2	<0.1	25	43	<5	115
1100N 2600E 2567	Soil	25	<0.1	32	5	37	10	<5	<3	1	<10	<2	0.1	9	14	<5	76
1075N 2600E 2568	Soil	5	<0.1	76	6	35	7	<5	<3	1	<10	<2	0.1	10	16	<5	58
1050N 2600E 2569	Soil	10	<0.1	12	5	31	5	<5	<3	1	<10	<2	0.1	6	9	<5	46
1025N 2600E 2570	Soil	10	<0.1	70	4	39	8	<5	<3	2	<10	<2	<0.1	11	18	<5	46
1000N 2600E 2571	Soil	5	0.3	133	<2	60	9	<5	<3	2	<10	<2	<0.1	14	24	<5	115
0975N 2600E 2572	Soil	5	0.4	276	6	103	20	<5	<3	4	<10	<2	<0.1	43	44	<5	229
0950N 2600E 2573	Soil	<5	0.2	151	4	64	12	<5	<3	3	<10	<2	<0.1	16	25	<5	110
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1950N 2600E 2533	<1	215	819	<2	60	1	3	0.25	3.45	1.12	>5.00	2.76	0.36	0.03	0.14
1925N 2600E 2534	2	167	743	<2	53	2	5	0.24	3.24	1.32	>5.00	2.10	0.26	0.05	0.08
1900N 2600E 2535	3	194	837	2	57	3	6	0.26	2.80	1.53	>5.00	1.79	0.29	0.06	0.03
1875N 2600E 2536	5	188	635	2	54	2	7	0.23	2.97	1.26	>5.00	1.50	0.24	0.08	0.07
1850N 2600E 2537	8	141	677	4	50	2	4	0.20	2.31	1.69	4.38	1.08	0.19	0.05	0.05
1825N 2600E 2538	6	166	1724	11	56	1	5	0.10	3.43	2.01	4.83	1.51	0.22	0.08	0.15
1800N 2600E 2539	1	202	667	<2	36	3	7	0.25	2.45	1.63	>5.00	1.55	0.25	0.08	0.08
1775N 2600E 2540	7	283	1243	2	74	2	10	0.25	2.36	1.23	>5.00	1.29	0.36	0.02	0.12
1725N 2600E 2542	10	112	389	5	106	<1	2	0.06	1.15	1.16	3.36	0.31	0.08	0.01	0.09
1700N 2600E 2543	4	207	1032	2	59	4	6	0.24	3.02	1.16	>5.00	1.92	0.18	0.05	0.05
1675N 2600E 2544	7	176	3023	3	52	1	5	0.13	2.68	1.53	>5.00	1.22	0.15	0.04	0.12
1650N 2600E 2545	10	58	867	93	123	1	7	0.01	1.86	3.00	2.18	0.40	0.05	0.02	0.15
1625N 2600E 2546	13	115	3514	75	87	2	6	0.01	2.19	2.76	2.94	0.26	0.05	0.01	0.24
1600N 2600E 2547	33	96	867	6	300	<1	2	0.03	2.21	0.72	4.97	0.47	0.07	0.01	0.22
1575N 2600E 2548	32	93	3707	39	122	<1	2	0.02	1.98	2.85	3.08	0.48	0.06	0.02	0.21
1550N 2600E 2549	41	160	508	5	34	<1	4	0.11	2.07	0.33	>5.00	0.82	0.16	0.02	0.19
1525N 2600E 2550	32	123	1039	16	73	<1	5	0.09	1.90	1.72	4.05	0.65	0.09	0.02	0.09
1500N 2600E 2551	35	109	601	7	50	<1	4	0.10	1.39	0.89	3.49	0.66	0.09	0.02	0.08
1475N 2600E 2552	38	102	1349	8	70	<1	4	0.08	1.99	1.55	3.81	0.81	0.20	0.02	0.13
1450N 2600E 2553	44	143	351	7	39	<1	3	0.15	1.90	0.95	4.22	1.07	0.28	0.02	0.15
1425N 2600E 2554	63	157	1345	8	89	<1	5	0.08	1.69	1.69	>5.00	0.77	0.15	0.01	0.11
1400N 2600E 2555	22	216	1044	5	87	<1	4	0.12	1.82	1.26	>5.00	0.72	0.15	0.01	0.17
1375N 2600E 2556	9	124	573	6	137	<1	2	0.06	1.26	2.72	3.69	0.43	0.06	0.01	0.11
1350N 2600E 2557	25	90	1603	11	133	<1	2	0.03	1.46	2.93	3.09	0.46	0.14	0.01	0.15
1325N 2600E 2558	35	206	1766	5	48	<1	5	0.11	2.07	0.71	>5.00	0.72	0.16	0.01	0.10
1300N 2600E 2559	41	135	625	5	28	<1	2	0.13	1.15	0.31	3.74	0.48	0.08	0.01	0.08
1275N 2600E 2560	49	145	356	5	53	<1	5	0.13	1.72	0.76	4.45	0.90	0.11	0.02	0.15
1250N 2600E 2561	29	219	483	6	47	1	6	0.32	1.94	1.02	>5.00	1.60	0.25	0.01	0.08
1225N 2600E 2562	40	136	782	8	71	<1	4	0.10	1.55	1.49	4.17	0.84	0.08	0.02	0.13
1200N 2600E 2563	38	126	188	5	30	1	2	0.10	1.12	0.43	3.45	0.50	0.06	0.01	0.15
1175N 2600E 2564	102	283	1156	2	20	1	6	0.24	1.70	0.76	>5.00	0.86	0.21	0.01	0.28
1150N 2600E 2565	175	294	312	4	21	3	5	0.39	1.87	0.82	>5.00	2.22	0.39	0.01	0.31
1100N 2600E 2567	38	134	159	5	28	1	2	0.10	1.26	0.32	3.99	0.38	0.05	0.01	0.22
1075N 2600E 2568	33	98	192	6	33	1	3	0.11	1.34	0.45	2.61	0.59	0.05	0.02	0.07
1050N 2600E 2569	28	71	136	4	34	1	2	0.14	0.81	0.37	1.65	0.34	0.06	0.02	0.02
1025N 2600E 2570	44	124	282	8	41	<1	3	0.12	1.27	0.66	3.33	0.63	0.06	0.02	0.19
1000N 2600E 2571	43	112	449	7	46	<1	4	0.13	2.10	0.53	3.57	0.86	0.09	0.01	0.08
0975N 2600E 2572	76	201	2036	9	55	<1	7	0.15	4.01	0.63	>5.00	1.54	0.23	0.01	0.15
0950N 2600E 2573	44	115	435	8	45	<1	4	0.13	2.13	0.56	3.62	0.93	0.10	0.01	0.11
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0925N 2600E 2574	Soil	20	0.1	128	3	61	10	<5	<3	2	<10	<2	<0.1	14	23	<5	95
0900N 2600E 2575	Soil	<5	0.1	40	5	42	5	<5	<3	1	<10	<2	<0.1	4	8	<5	96
0875N 2600E 2576	Soil	<5	0.1	214	4	73	6	<5	<3	1	<10	<2	<0.1	4	16	<5	130
0850N 2600E 2577	Soil	<5	<0.1	45	4	40	12	<5	<3	2	<10	<2	0.1	7	14	<5	64
0825N 2600E 2578	Soil	<5	0.2	36	4	43	11	<5	<3	2	<10	<2	0.1	7	11	<5	60
0800N 2600E 2579	Soil	<5	0.1	32	5	23	7	<5	<3	1	<10	<2	<0.1	4	7	<5	39
0775N 2600E 2580	Soil	<5	0.2	43	<2	85	15	<5	<3	2	<10	<2	<0.1	14	21	<5	74
0750N 2600E 2581	Soil	<5	<0.1	14	7	38	6	<5	<3	2	<10	<2	<0.1	6	10	<5	63
0725N 2600E 2582	Soil	<5	<0.1	22	4	28	<5	<5	<3	1	<10	<2	<0.1	3	7	<5	48
0700N 2600E 2583	Soil	<5	<0.1	85	2	31	10	<5	<3	2	<10	<2	<0.1	10	17	<5	44
0675N 2600E 2584	Soil	<5	0.3	87	6	40	<5	<5	<3	2	<10	<2	<0.1	5	10	<5	114
0650N 2600E 2585	Soil	<5	0.4	100	6	43	<5	<5	<3	2	<10	<2	<0.1	1	8	<5	155
0625N 2600E 2586	Soil	<5	0.4	85	2	56	<5	<5	<3	16	<10	<2	0.2	17	13	<5	291
0600N 2600E 2587	Soil	<5	0.3	125	2	33	9	<5	<3	6	<10	<2	<0.1	3	11	<5	205
0575N 2600E 2588	Soil	<5	0.4	124	<2	43	91	<5	<3	4	<10	<2	0.1	11	18	<5	207
0550N 2600E 2589	Soil	<5	0.1	20	5	30	<5	<5	<3	<1	<10	<2	<0.1	4	8	<5	73
0525N 2600E 2590	Soil	<5	<0.1	10	5	14	<5	<5	<3	1	<10	<2	<0.1	2	4	<5	46
0525N 2700E 2591	Soil	<5	0.1	14	9	23	7	<5	<3	1	<10	<2	<0.1	3	6	<5	45
0550N 2700E 2592	Soil	<5	0.1	16	5	19	5	<5	<3	1	<10	<2	<0.1	3	6	<5	51
0575N 2700E 2593	Soil	<5	0.2	17	6	48	9	<5	<3	2	<10	<2	<0.1	6	12	<5	39
0600N 2700E 2594	Soil	<5	0.1	60	6	34	14	<5	<3	2	<10	<2	0.2	8	13	<5	91
0625N 2700E 2595	Soil	<5	0.7	565	4	60	413	<5	<3	5	<10	<2	0.6	10	22	<5	140
0650N 2700E 2596	Soil	<5	0.6	309	5	74	130	<5	<3	3	<10	<2	1.2	6	20	<5	89
0675N 2700E 2597	Soil	<5	0.4	388	3	81	364	<5	<3	5	<10	<2	0.3	17	36	<5	170
0700N 2700E 2598	Soil	<5	0.8	468	3	78	28	<5	<3	5	<10	<2	0.4	18	41	<5	239
0725N 2700E 2599	Soil	<5	<0.1	33	4	30	6	<5	<3	2	<10	<2	0.1	5	9	<5	46
0750N 2700E 2600	Soil	40	<0.1	51	<2	51	10	<5	<3	2	<10	<2	<0.1	10	17	<5	63
0775N 2700E 2601	Soil	<5	0.1	45	6	92	8	<5	<3	1	<10	<2	0.2	9	15	<5	259
0800N 2700E 2602	Soil	<5	0.2	134	<2	108	17	<5	<3	3	<10	<2	0.5	20	27	<5	218
0825N 2700E 2603	Soil	<5	0.6	335	<2	145	17	<5	<3	4	<10	<2	0.5	31	51	<5	254
0850N 2700E 2604	Soil	<5	<0.1	69	4	43	8	<5	<3	1	<10	<2	<0.1	9	16	<5	69
0875N 2700E 2605	Soil	<5	0.1	26	6	81	5	<5	<3	2	<10	<2	0.4	10	16	<5	82
0900N 2700E 2606	Soil	<5	0.1	51	3	45	66	<5	<3	1	<10	<2	<0.1	11	15	<5	62
0925N 2700E 2607	Soil	<5	0.1	120	2	43	66	<5	<3	2	<10	<2	<0.1	12	21	<5	85
0950N 2700E 2608	Soil	<5	0.4	218	4	93	347	<5	<3	4	<10	<2	<0.1	27	33	<5	124
0975N 2700E 2609	Soil	<5	0.6	235	3	50	381	<5	<3	5	<10	<2	0.3	16	25	<5	128
1000N 2700E 2610	Soil	30	0.1	113	4	44	88	<5	<3	3	<10	<2	<0.1	11	18	<5	55
1025N 2700E 2611	Soil	<5	0.1	92	3	50	64	<5	<3	2	<10	<2	<0.1	10	17	<5	55
1050N 2700E 2612	Soil	<5	0.1	71	5	92	52	<5	<3	2	<10	<2	0.5	13	18	<5	96
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0925N 2600E 2574	42	107	459	6	33	<1	3	0.08	1.76	0.43	3.56	0.81	0.07	0.01	0.11
0900N 2600E 2575	24	42	81	4	22	<1	1	0.05	0.84	0.25	1.68	0.21	0.05	0.01	0.11
0875N 2600E 2576	18	17	98	12	84	<1	1	0.01	1.62	1.39	1.15	0.30	0.06	0.02	0.17
0850N 2600E 2577	37	122	151	4	21	<1	2	0.05	1.55	0.27	3.72	0.35	0.03	0.01	0.21
0825N 2600E 2578	32	109	258	3	20	<1	1	0.06	1.01	0.21	3.15	0.32	0.05	0.01	0.10
0800N 2600E 2579	18	70	99	3	22	<1	1	0.05	0.85	0.22	2.03	0.22	0.04	0.01	0.08
0775N 2600E 2580	70	167	1655	4	15	1	3	0.07	2.59	0.24	>5.00	0.44	0.07	0.01	0.73
0750N 2600E 2581	41	116	186	3	16	<1	1	0.08	0.92	0.20	2.95	0.22	0.05	0.01	0.10
0725N 2600E 2582	35	86	62	2	21	<1	1	0.03	0.58	0.25	2.16	0.09	0.03	0.01	0.02
0700N 2600E 2583	33	104	198	6	25	<1	2	0.07	1.17	0.35	2.98	0.47	0.04	0.01	0.07
0675N 2600E 2584	19	45	576	3	137	<1	<1	0.01	0.55	3.04	1.24	0.36	0.04	0.02	0.07
0650N 2600E 2585	<1	9	51	3	208	<1	<1	<0.01	0.38	4.87	0.26	0.23	0.01	0.02	0.05
0625N 2600E 2586	16	65	8353	8	158	<1	1	0.01	0.89	3.37	2.11	0.23	0.02	0.02	0.14
0600N 2600E 2587	3	13	2676	7	206	<1	<1	0.01	0.62	4.58	0.63	0.25	0.02	0.02	0.09
0575N 2600E 2588	43	81	252	11	75	<1	1	0.02	1.71	1.00	2.91	0.48	0.04	0.01	0.17
0550N 2600E 2589	14	37	77	3	22	<1	1	0.03	1.05	0.22	1.05	0.24	0.03	0.02	0.04
0525N 2600E 2590	5	23	60	3	20	<1	1	0.03	0.58	0.16	0.62	0.13	0.02	0.02	0.02
0525N 2700E 2591	13	61	89	4	18	<1	1	0.04	0.77	0.19	1.34	0.21	0.03	0.01	0.06
0550N 2700E 2592	12	43	78	4	25	<1	1	0.04	0.89	0.21	1.14	0.20	0.03	0.01	0.02
0575N 2700E 2593	39	98	115	3	14	<1	2	0.07	1.32	0.14	2.99	0.27	0.05	0.01	0.19
0600N 2700E 2594	33	165	137	5	23	1	2	0.10	1.21	0.31	4.10	0.40	0.05	0.01	0.19
0625N 2700E 2595	22	68	1118	15	138	1	2	0.02	1.50	3.70	2.30	0.49	0.07	0.01	0.20
0650N 2700E 2596	17	57	415	7	105	<1	1	0.04	0.65	2.98	1.77	0.26	0.06	0.01	0.07
0675N 2700E 2597	60	160	802	12	77	<1	6	0.10	2.59	1.74	4.77	1.02	0.12	0.01	0.11
0700N 2700E 2598	59	142	994	21	115	<1	4	0.02	3.87	1.84	4.96	0.72	0.13	0.01	0.28
0725N 2700E 2599	42	121	110	5	28	<1	1	0.08	0.66	0.36	2.66	0.13	0.05	0.01	0.02
0750N 2700E 2600	70	201	213	4	23	<1	2	0.07	1.34	0.37	>5.00	0.42	0.05	0.01	0.29
0775N 2700E 2601	45	113	278	7	36	<1	2	0.06	1.29	0.45	3.42	0.37	0.08	0.01	0.14
0800N 2700E 2602	51	145	1058	8	45	<1	4	0.11	1.95	0.64	4.70	0.65	0.14	0.01	0.11
0825N 2700E 2603	76	178	2626	9	61	<1	7	0.09	4.00	0.99	>5.00	1.27	0.21	0.01	0.16
0850N 2700E 2604	30	79	211	4	35	<1	2	0.09	1.14	0.61	2.33	0.62	0.05	0.01	0.07
0875N 2700E 2605	40	117	240	3	27	<1	2	0.16	0.85	0.53	3.19	0.51	0.13	0.01	0.05
0900N 2700E 2606	39	110	305	4	32	<1	2	0.09	1.05	0.52	3.13	0.50	0.05	0.01	0.06
0925N 2700E 2607	38	100	349	6	42	<1	3	0.09	1.60	0.87	3.09	0.74	0.06	0.02	0.09
0950N 2700E 2608	52	154	918	7	50	<1	4	0.12	2.62	1.06	>5.00	0.89	0.11	0.01	0.12
0975N 2700E 2609	39	119	1078	8	68	<1	5	0.08	2.04	1.47	3.82	0.77	0.08	0.01	0.08
1000N 2700E 2610	37	102	280	8	46	<1	3	0.08	1.58	1.06	3.12	0.54	0.07	0.02	0.08
1025N 2700E 2611	30	94	257	6	36	<1	2	0.07	1.46	0.69	2.78	0.60	0.06	0.02	0.12
1050N 2700E 2612	51	143	286	5	51	<1	2	0.14	1.04	0.78	3.60	0.53	0.11	0.01	0.11
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1075N 2700E 2613	Soil	<5	0.3	66	5	74	35	<5	<3	2	<10	<2	0.2	13	18	<5	100
1100N 2700E 2614	Soil	<5	0.2	105	4	53	13	<5	<3	2	<10	<2	0.1	11	20	<5	59
1125N 2700E 2615	Soil	<5	<0.1	34	4	31	10	<5	<3	1	<10	<2	<0.1	7	11	<5	55
1150N 2700E 2616	Soil	<5	0.3	205	3	42	400	<5	<3	2	<10	<2	0.1	9	15	<5	78
1175N 2700E 2617	Soil	5	0.1	48	4	35	13	<5	<3	1	<10	<2	0.1	10	15	<5	62
1200N 2700E 2618	Soil	<5	<0.1	43	5	55	19	<5	<3	2	<10	<2	0.1	11	13	<5	89
1225N 2700E 2619	Soil	<5	0.3	173	3	37	811	<5	<3	5	<10	<2	0.2	11	18	<5	67
1250N 2700E 2620	Soil	<5	0.4	121	4	54	19	<5	<3	3	<10	<2	0.1	14	25	<5	60
1275N 2700E 2621	Soil	<5	0.5	278	2	105	15	<5	<3	2	<10	<2	0.2	18	33	<5	89
1300N 2700E 2622	Soil	<5	1.1	1379	3	76	37	<5	<3	4	<10	<2	0.8	15	55	<5	113
1325N 2700E 2623	Soil	10	1.0	1058	4	127	37	<5	<3	4	<10	<2	1.3	18	76	<5	146
1350N 2700E 2624	Soil	<5	0.4	425	7	84	23	<5	<3	4	<10	<2	0.5	8	34	<5	74
1375N 2700E 2625	Soil	10	0.5	377	8	79	55	<5	<3	3	<10	<2	0.3	10	41	<5	94
1400N 2700E 2626	Soil	<5	1.5	909	4	125	67	<5	<3	5	<10	<2	1.0	22	58	<5	166
1425N 2700E 2627	Soil	15	1.2	565	4	108	41	<5	<3	5	<10	<2	1.0	20	45	<5	186
1450N 2700E 2628	Soil	<5	1.9	686	4	66	35	<5	<3	5	<10	<2	0.4	17	49	<5	146
1475N 2700E 2629	Soil	<5	1.2	117	8	93	19	<5	<3	2	<10	<2	0.5	20	26	<5	141
1500N 2700E 2630	Soil	<5	0.4	238	3	102	19	<5	<3	4	<10	<2	0.2	24	36	<5	171
1525N 2700E 2631	Soil	<5	0.3	123	4	46	12	<5	<3	3	<10	<2	<0.1	9	20	<5	88
1550N 2700E 2632	Soil	<5	0.8	303	5	44	14	<5	<3	2	<10	<2	<0.1	5	29	<5	166
1575N 2700E 2633	Soil	<5	0.8	298	4	51	97	<5	<3	3	<10	<2	0.5	10	15	<5	121
1600N 2700E 2634	Soil	<5	0.3	255	3	60	77	<5	<3	2	<10	<2	0.2	16	22	<5	133
1625N 2700E 2635	Soil	<5	0.2	140	5	64	90	<5	<3	3	<10	<2	<0.1	20	18	<5	148
1650N 2700E 2636	Soil	<5	0.3	130	10	124	20	<5	<3	2	<10	<2	0.6	17	13	<5	348
1675N 2700E 2637	Soil	<5	0.7	133	<2	93	34	<5	<3	3	<10	<2	0.2	31	18	<5	327
1700N 2700E 2638	Soil	<5	0.1	96	<2	66	224	<5	<3	3	<10	<2	<0.1	26	38	<5	184
1725N 2700E 2639	Soil	<5	0.5	492	5	57	214	<5	<3	1	<10	<2	0.5	16	21	<5	377
1750N 2700E 2640	Soil	<5	0.9	421	3	59	109	<5	<3	2	<10	<2	0.5	6	10	<5	60
1775N 2700E 2641	Soil	15	0.3	199	29	76	849	<5	<3	4	<10	<2	<0.1	21	26	<5	117
1800N 2700E 2642	Soil	<5	0.4	127	8	136	63	<5	<3	2	<10	<2	1.3	26	15	<5	62
1825N 2700E 2643	Soil	<5	0.3	226	2	142	23	<5	<3	3	<10	<2	0.3	26	13	<5	32
1850N 2700E 2644	Soil	5	0.1	168	<2	121	68	<5	<3	3	<10	<2	0.1	25	14	<5	39
1875N 2700E 2645	Soil	<5	0.2	81	2	146	29	<5	<3	2	<10	<2	0.1	27	20	<5	83
1900N 2700E 2646	Soil	<5	0.2	148	5	228	20	<5	<3	2	<10	<2	0.5	39	17	<5	53
1925N 2700E 2647	Soil	<5	0.6	91	6	168	7	<5	<3	2	<10	<2	0.6	32	10	<5	59
1950N 2700E 2648	Soil	5	0.3	83	11	223	7	<5	<3	2	<10	<2	0.2	42	13	<5	31
1975N 2700E 2649	Soil	<5	0.3	125	8	260	17	<5	<3	2	<10	<2	<0.1	38	15	<5	27
2000N 2700E 2650	Soil	<5	0.3	104	7	178	15	<5	<3	2	<10	<2	<0.1	21	12	<5	19
2000N 2800E 2651	Soil	<5	0.4	192	3	122	19	<5	<3	3	<10	<2	<0.1	25	15	<5	56
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1075N 2700E 2613	39	130	384	5	24	<1	3	0.10	1.57	0.33	4.33	0.65	0.09	0.01	0.25
1100N 2700E 2614	35	103	248	6	21	1	3	0.07	1.78	0.31	3.37	0.62	0.08	0.01	0.13
1125N 2700E 2615	31	107	142	3	23	<1	2	0.06	1.01	0.27	3.11	0.35	0.04	0.01	0.09
1150N 2700E 2616	30	84	316	9	65	<1	2	0.05	1.28	1.44	2.73	0.45	0.07	0.01	0.10
1175N 2700E 2617	34	109	179	6	22	<1	2	0.06	1.22	0.36	3.51	0.43	0.05	0.01	0.24
1200N 2700E 2618	43	150	180	2	22	<1	2	0.16	1.09	0.41	3.65	0.66	0.11	0.01	0.11
1225N 2700E 2619	18	102	606	4	87	<1	2	0.06	1.05	2.32	3.37	0.41	0.03	0.01	0.08
1250N 2700E 2620	44	115	395	6	56	<1	3	0.10	1.47	1.05	3.61	0.80	0.10	0.02	0.09
1275N 2700E 2621	49	132	989	7	58	<1	3	0.11	1.80	1.18	4.15	0.94	0.15	0.01	0.11
1300N 2700E 2622	37	116	863	22	70	<1	4	0.05	1.68	1.75	3.59	0.52	0.09	0.01	0.10
1325N 2700E 2623	32	101	1599	7	77	<1	4	0.08	1.43	2.00	3.84	0.67	0.12	0.02	0.10
1350N 2700E 2624	11	41	705	4	94	1	1	0.02	0.51	2.97	1.47	0.31	0.05	0.02	0.11
1375N 2700E 2625	17	62	755	8	98	<1	2	0.04	0.84	2.72	2.25	0.46	0.10	0.02	0.09
1400N 2700E 2626	43	140	2806	33	67	<1	8	0.08	1.99	1.64	>5.00	0.80	0.23	0.01	0.16
1425N 2700E 2627	27	115	2863	23	77	<1	4	0.04	1.61	2.14	4.29	0.61	0.19	0.01	0.17
1450N 2700E 2628	35	144	1033	28	74	<1	7	0.07	1.99	2.04	>5.00	0.60	0.21	0.01	0.14
1475N 2700E 2629	37	123	908	5	43	<1	3	0.11	1.52	0.84	4.30	0.67	0.20	0.01	0.16
1500N 2700E 2630	47	151	1513	8	49	<1	5	0.14	2.77	0.99	4.80	1.29	0.14	0.02	0.12
1525N 2700E 2631	36	108	280	6	44	<1	3	0.07	1.27	0.76	3.16	0.42	0.07	0.02	0.05
1550N 2700E 2632	17	41	103	12	109	<1	2	0.03	1.15	2.64	1.91	0.27	0.06	0.01	0.09
1575N 2700E 2633	19	100	283	5	76	<1	1	0.03	1.79	1.50	4.29	0.33	0.07	0.01	0.09
1600N 2700E 2634	40	122	574	9	49	<1	3	0.05	1.80	1.05	4.06	0.64	0.10	0.01	0.07
1625N 2700E 2635	30	158	405	5	52	<1	4	0.10	2.06	0.74	>5.00	0.87	0.14	0.02	0.07
1650N 2700E 2636	19	115	448	5	201	<1	3	0.07	1.99	0.60	4.84	0.43	0.09	0.01	0.12
1675N 2700E 2637	13	196	796	3	171	<1	6	0.08	3.18	0.60	>5.00	1.10	0.10	<0.01	0.08
1700N 2700E 2638	57	189	521	2	59	1	9	0.05	4.07	0.32	>5.00	1.99	0.10	0.01	0.04
1725N 2700E 2639	14	97	674	13	275	1	6	0.02	3.29	2.43	3.55	1.01	0.13	0.02	0.16
1750N 2700E 2640	8	38	140	10	134	<1	1	0.02	1.47	3.18	1.74	0.34	0.10	0.02	0.12
1775N 2700E 2641	37	164	242	4	122	1	4	0.09	2.94	0.51	>5.00	0.84	0.17	0.01	0.05
1800N 2700E 2642	18	143	715	3	78	<1	2	0.06	1.88	0.54	4.72	0.65	0.08	0.01	0.14
1825N 2700E 2643	11	190	567	2	44	1	4	0.15	2.74	0.78	>5.00	1.45	0.14	0.03	0.10
1850N 2700E 2644	12	202	569	<2	64	<1	4	0.17	2.61	0.93	>5.00	1.39	0.13	0.02	0.10
1875N 2700E 2645	35	166	1128	2	93	<1	5	0.12	2.82	0.72	>5.00	1.06	0.14	0.01	0.15
1900N 2700E 2646	14	192	1080	2	88	<1	4	0.15	2.79	0.81	>5.00	1.48	0.15	0.01	0.15
1925N 2700E 2647	12	149	1071	3	65	<1	2	0.10	1.77	0.64	>5.00	0.61	0.10	0.01	0.14
1950N 2700E 2648	10	137	877	<2	67	2	2	0.20	1.92	0.67	>5.00	1.36	0.07	0.01	0.12
1975N 2700E 2649	10	131	892	<2	56	1	2	0.18	2.44	0.92	>5.00	1.63	0.13	0.01	0.20
2000N 2700E 2650	9	122	525	2	50	1	2	0.18	2.12	0.57	>5.00	1.39	0.08	0.01	0.18
2000N 2800E 2651	16	97	401	<2	113	1	4	0.11	2.80	0.49	>5.00	1.07	0.02	0.01	0.39
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1975N 2800E 2652	Soil	5	0.4	287	25	96	21	<5	<3	4	<10	<2	0.3	21	12	<5	11
1950N 2800E 2653	Soil	<5	0.4	106	7	153	14	<5	<3	2	<10	<2	<0.1	20	17	<5	34
1925N 2800E 2654	Soil	<5	0.4	89	4	140	21	<5	<3	3	<10	<2	<0.1	25	20	<5	28
1900N 2800E 2655	Soil	<5	0.3	44	3	112	12	<5.	<3	1	<10	<2	0.3	23	15	<5	50
1875N 2800E 2656	Soil	<5	0.4	75	<2	223	21	<5	<3	2	<10	<2	0.2	29	38	<5	75
1850N 2800E 2657	Soil	<5	0.3	96	8	366	<5	<5	<3	2	<10	<2	5.0	24	14	<5	147
1825N 2800E 2658	Soil	<5	0.2	167	<2	97	64	<5	<3	3	<10	<2	<0.1	29	14	<5	100
1800N 2800E 2659	Soil	<5	0.1	155	8	208	36	<5	<3	3	<10	<2	0.5	25	163	<5	43
1775N 2800E 2660	Soil	<5	0.4	19	4	66	14	<5	<3	2	<10	<2	0.3	10	11	<5	100
1750N 2800E 2661	Soil	<5	0.2	73	3	56	26	<5	<3	2	<10	<2	0.3	15	11	<5	345
1725N 2800E 2662	Soil	<5	0.3	68	<2	83	29	<5	<3	2	<10	<2	0.2	21	16	<5	394
1700N 2800E 2663	Soil	<5	0.3	51	<2	96	50	<5	<3	6	<10	<2	0.1	25	45	<5	477
1675N 2800E 2664	Soil	5	0.3	87	3	116	26	<5	<3	2	<10	<2	0.1	14	16	<5	44
1650N 2800E 2665	Soil	<5	0.4	260	3	108	86	<5	<3	3	<10	<2	0.1	23	23	<5	49
1625N 2800E 2666	Soil	<5	0.3	253	<2	105	97	<5	<3	4	<10	<2	<0.1	34	23	<5	82
1600N 2800E 2667	Soil	<5	0.3	55	9	57	12	<5	<3	4	<10	<2	<0.1	7	7	<5	62
1575N 2800E 2668	Soil	35	0.4	50	3	58	16	<5	<3	3	<10	<2	0.1	10	20	<5	45
1550N 2800E 2669	Soil	<5	0.6	178	<2	89	23	<5	<3	4	<10	<2	<0.1	40	22	<5	343
1525N 2800E 2670	Soil	<5	1.3	52	6	49	11	<5	<3	1	<10	<2	0.1	13	16	<5	88
1500N 2800E 2671	Soil	<5	0.6	566	3	57	15	<5	<3	2	<10	<2	0.1	13	26	<5	81
1475N 2800E 2672	Soil	5	0.3	80	6	42	15	<5	<3	2	<10	<2	0.3	13	22	<5	77
1450N 2800E 2673	Soil	<5	0.2	69	2	82	20	<5	<3	2	<10	<2	0.2	16	17	<5	167
1425N 2800E 2674	Soil	<5	0.2	407	6	93	23	<5	<3	3	<10	<2	1.1	21	91	<5	188
1400N 2800E 2675	Soil	<5	0.3	549	5	85	26	<5	<3	3	<10	<2	0.8	17	34	<5	141
1375N 2800E 2676	Soil	10	0.3	161	6	111	25	<5	<3	3	<10	<2	0.2	15	23	<5	116
1350N 2800E 2677	Soil	5	0.3	179	2	106	28	<5	<3	3	<10	<2	<0.1	25	27	<5	210
1325N 2800E 2678	Soil	<5	0.7	723	4	62	35	<5	<3	4	<10	<2	0.5	15	37	<5	188
1300N 2800E 2679	Soil	<5	0.3	231	4	46	12	<5	<3	2	<10	<2	<0.1	4	19	<5	118
1275N 2800E 2680	Soil	<5	0.4	312	4	76	14	<5	<3	3	<10	<2	0.5	9	29	<5	98
1250N 2800E 2681	Soil	<5	0.3	510	<2	93	29	<5	<3	4	<10	<2	0.8	14	33	<5	194
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1975N 2800E 2652	9	73	388	2	70	1	2	0.10	2.16	0.49	4.21	1.00	0.03	0.01	0.26
1950N 2800E 2653	18	138	579	<2	62	2	3	0.19	2.43	0.57	>5.00	1.65	0.14	0.03	0.21
1925N 2800E 2654	18	164	691	<2	62	2	3	0.23	2.79	0.87	>5.00	2.06	0.14	0.02	0.08
1900N 2800E 2655	15	147	771	<2	35	1	3	0.21	2.19	0.79	4.76	1.58	0.21	0.02	0.11
1875N 2800E 2656	18	163	971	<2	39	1	3	0.21	2.70	0.74	>5.00	1.82	0.28	0.02	0.14
1850N 2800E 2657	7	61	3107	2	55	<1	1	0.06	0.78	1.87	2.27	0.37	0.24	0.02	0.14
1825N 2800E 2658	8	275	926	2	36	3	6	0.34	3.71	0.81	>5.00	2.92	0.65	0.03	0.09
1800N 2800E 2659	20	213	641	3	44	2	4	0.27	2.32	0.66	>5.00	0.99	0.09	0.02	0.13
1775N 2800E 2660	20	89	332	3	34	<1	2	0.03	1.50	0.33	3.23	0.59	0.09	0.01	0.07
1750N 2800E 2661	11	113	1254	3	49	<1	5	0.01	2.02	0.67	4.14	0.70	0.20	0.01	0.11
1725N 2800E 2662	18	155	710	4	35	<1	5	0.01	3.13	0.30	>5.00	1.34	0.12	0.01	0.10
1700N 2800E 2663	94	183	411	2	274	<1	8	0.10	3.79	0.76	>5.00	1.42	0.15	0.02	0.31
1675N 2800E 2664	32	151	258	3	27	<1	3	0.07	1.77	0.29	>5.00	0.54	0.06	0.01	0.23
1650N 2800E 2665	43	144	293	4	39	1	4	0.07	2.15	0.33	>5.00	0.92	0.08	0.01	0.18
1625N 2800E 2666	32	185	577	3	47	<1	5	0.12	2.47	0.55	>5.00	1.00	0.12	0.02	0.22
1600N 2800E 2667	5	45	408	3	24	<1	2	0.08	0.82	0.38	2.82	0.22	0.12	0.01	0.04
1575N 2800E 2668	43	118	224	3	28	<1	2	0.10	1.27	0.28	3.84	0.51	0.05	0.01	0.03
1550N 2800E 2669	11	231	642	6	109	1	8	0.40	3.04	1.34	>5.00	2.08	0.52	0.03	0.35
1525N 2800E 2670	39	109	406	4	36	<1	2	0.11	1.12	0.48	3.04	0.52	0.10	0.02	0.05
1500N 2800E 2671	82	120	312	7	40	<1	6	0.11	1.41	0.53	3.72	0.76	0.10	0.01	0.04
1475N 2800E 2672	42	108	339	6	25	<1	3	0.08	1.24	0.33	3.51	0.55	0.08	0.01	0.08
1450N 2800E 2673	34	134	485	4	53	<1	2	0.04	1.31	0.73	>5.00	0.44	0.12	0.01	0.21
1425N 2800E 2674	34	102	1081	9	76	<1	3	0.06	1.51	1.90	3.75	0.54	0.14	0.01	0.10
1400N 2800E 2675	53	138	701	10	72	<1	2	0.06	1.30	2.01	3.97	0.60	0.15	0.02	0.12
1375N 2800E 2676	52	121	765	5	52	<1	2	0.10	1.19	1.41	3.91	0.59	0.11	0.01	0.10
1350N 2800E 2677	58	196	870	5	52	<1	7	0.21	2.40	1.23	>5.00	1.56	0.17	0.02	0.09
1325N 2800E 2678	35	101	1072	17	86	<1	3	0.03	2.25	2.44	3.48	0.65	0.15	0.02	0.18
1300N 2800E 2679	14	28	220	11	85	<1	1	0.01	1.10	2.68	1.36	0.33	0.07	0.02	0.11
1275N 2800E 2680	29	103	322	7	78	<1	3	0.10	0.97	2.12	3.45	0.41	0.08	0.01	0.07
1250N 2800E 2681	40	90	1372	17	90	1	4	0.03	2.10	2.29	3.67	0.75	0.14	0.02	0.17
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 9100279 R Kookaburra Gold Corp. Project: COL

Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
2310	Silt	<5	<0.1	202	<2	115	21	<5	<3	4	<10	<2	1.2	17	34	<5	59
2318	Silt	<5	0.1	209	<2	123	20	<5	<3	4	<10	<2	1.2	18	32	<5	61
1025N 3400E 2320	Soil	5	<0.1	16	<2	63	5	<5	<3	3	<10	<2	<0.1	6	7	<5	169
1050N 3400E 2321	Soil	25	0.1	19	2	46	<5	<5	<3	4	<10	<2	0.2	5	6	<5	75
1075N 3400E 2322	Soil	<5	0.1	40	<2	37	11	<5	<3	2	<10	2	0.4	9	17	<5	55
1100N 3400E 2323	Soil	5	<0.1	28	<2	35	9	<5	<3	2	<10	<2	0.2	8	15	<5	66
1125N 3400E 2324	Soil	5	<0.1	18	<2	29	9	<5	<3	1	<10	<2	<0.1	7	10	<5	54
1150N 3400E 2325	Soil	<5	<0.1	10	<2	29	5	<5	<3	1	<10	<2	<0.1	5	9	<5	52
1175N 3400E 2326	Soil	<5	<0.1	31	<2	49	10	<5	<3	2	<10	<2	0.1	10	17	<5	75
1200N 3400E 2327	Soil	5	<0.1	30	<2	97	7	<5	<3	5	<10	4	0.5	13	17	<5	106
1225N 3400E 2328	Soil	25	<0.1	48	<2	72	14	<5	<3	2	<10	<2	0.1	11	21	<5	95
1250N 3400E 2329	Soil	<5	<0.1	54	<2	48	24	<5	<3	2	<10	<2	0.2	11	23	<5	82
1275N 3400E 2330	Soil	5	<0.1	21	<2	32	9	<5	<3	2	<10	<2	0.1	7	9	<5	54
1300N 3400E 2331	Soil	<5	0.2	14	2	29	9	<5	<3	1	<10	<2	<0.1	5	8	<5	69
1325N 3400E 2332	Soil	10	<0.1	22	<2	50	11	<5	<3	1	<10	<2	0.2	8	14	<5	127
1350N 3400E 2333	Soil	20	<0.1	41	<2	42	14	<5	<3	3	<10	<2	0.2	9	19	<5	60
1375N 3400E 2334	Soil	<5	0.3	209	<2	99	16	5	<3	39	<10	<2	<0.1	18	48	<5	450
1400N 3400E 2335	Soil	5	<0.1	30	<2	42	9	<5	<3	23	<10	<2	0.1	8	13	<5	81
1425N 3400E 2336	Soil	<5	<0.1	59	<2	32	12	<5	<3	24	<10	<2	0.1	9	22	<5	74
1450N 3400E 2337	Soil	15	<0.1	46	<2	47	11	<5	<3	6	<10	<2	0.1	9	16	<5	84
1475N 3400E 2338	Soil	<5	0.1	12	<2	44	7	<5	<3	2	<10	<2	0.1	8	11	<5	70
1500N 3400E 2339	Soil	5	<0.1	6	<2	22	6	<5	<3	1	<10	<2	0.1	5	8	<5	31
1525N 3400E 2340	Soil	5	<0.1	27	<2	30	7	<5	<3	3	<10	<2	0.3	6	10	<5	42
1550N 3400E 2341	Soil	<5	<0.1	58	<2	89	14	<5	<3	6	<10	<2	0.4	12	18	<5	168
1575N 3400E 2342	Soil	<5	<0.1	48	<2	73	19	<5	<3	17	<10	<2	0.4	13	20	<5	88
1600N 3400E 2343	Soil	5	<0.1	23	<2	58	13	<5	<3	3	<10	<2	0.3	9	15	<5	59
1625N 3400E 2344	Soil	20	<0.1	39	<2	38	10	<5	<3	2	<10	<2	0.5	9	15	<5	50
1650N 3400E 2345	Soil	5	<0.1	11	<2	36	6	<5	<3	1	<10	<2	0.2	5	8	<5	49
1675N 3400E 2346	Soil	5	<0.1	13	<2	34	7	<5	<3	1	<10	2	0.3	7	11	<5	70
1700N 3400E 2347	Soil	<5	0.5	179	<2	74	<5	<5	<3	21	<10	3	1.1	24	41	<5	625
1725N 3400E 2348	Soil	<5	<0.1	39	<2	86	<5	<5	<3	24	<10	<2	0.3	21	10	<5	152
1750N 3400E 2349	Soil	<5	0.2	65	2	71	10	<5	<3	3	<10	<2	0.3	9	12	<5	52
1775N 3400E 2350	Soil	20	<0.1	44	<2	62	11	<5	<3	2	<10	2	0.2	9	18	<5	63
1800N 3400E 2351	Soil	15	<0.1	40	<2	52	10	<5	<3	2	<10	<2	0.3	9	16	<5	76
1825N 3400E 2352	Soil	15	<0.1	15	<2	24	5	<5	<3	1	<10	<2	0.1	5	7	<5	51
1850N 3400E 2353	Soil	10	<0.1	47	<2	26	10	<5	<3	2	<10	<2	0.2	9	15	<5	45
1875N 3400E 2354	Soil	<5	0.2	52	<2	63	<5	<5	<3	5	<10	<2	<0.1	1	5	<5	70
1900N 3400E 2355	Soil	5	<0.1	36	<2	69	12	<5	<3	4	<10	<2	0.4	16	17	<5	79
1925N 3400E 2356	Soil	5	<0.1	150	<2	78	12	<5	<3	2	<10	<2	0.6	17	20	<5	68
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
2310	37	82	1531	11	34	1	5	0.04	1.37	0.90	4.88	0.72	0.11	0.02	0.17
2318	31	78	1575	11	31	1	5	0.03	1.40	0.83	4.93	0.75	0.08	0.01	0.16
1025N 3400E 2320	20	81	553	7	29	<1	1	0.08	0.88	0.25	2.46	0.19	0.06	0.01	0.03
1050N 3400E 2321	19	92	299	4	23	<1	1	0.08	0.78	0.15	2.58	0.13	0.05	0.01	0.04
1075N 3400E 2322	38	114	183	7	24	1	3	0.06	1.52	0.31	3.68	0.44	0.05	0.01	0.22
1100N 3400E 2323	36	106	159	6	27	1	2	0.06	1.40	0.34	3.42	0.35	0.04	0.01	0.27
1125N 3400E 2324	25	80	143	6	23	<1	2	0.05	1.11	0.23	2.51	0.26	0.03	0.01	0.10
1150N 3400E 2325	22	70	106	5	24	1	2	0.06	0.90	0.22	2.07	0.21	0.03	0.01	0.06
1175N 3400E 2326	32	81	211	6	28	1	3	0.08	1.57	0.31	2.84	0.48	0.05	0.01	0.08
1200N 3400E 2327	37	119	2126	6	21	<1	3	0.05	1.79	0.18	4.02	0.31	0.06	0.01	0.10
1225N 3400E 2328	36	94	284	7	29	2	4	0.08	2.43	0.29	3.82	0.53	0.07	0.01	0.26
1250N 3400E 2329	41	123	277	7	28	2	3	0.07	2.63	0.28	4.43	0.54	0.07	0.01	0.15
1275N 3400E 2330	28	91	156	5	25	1	2	0.05	1.27	0.20	2.88	0.23	0.04	0.01	0.11
1300N 3400E 2331	25	75	104	5	27	1	2	0.05	1.11	0.21	2.42	0.19	0.04	0.01	0.10
1325N 3400E 2332	38	120	158	6	29	<1	3	0.06	1.50	0.34	4.03	0.36	0.05	0.01	0.38
1350N 3400E 2333	37	109	179	6	32	1	3	0.06	2.40	0.36	3.93	0.44	0.05	0.01	0.19
1375N 3400E 2334	60	104	627	23	105	1	8	0.04	4.93	1.43	>5.00	1.24	0.24	0.02	0.13
1400N 3400E 2335	28	92	191	6	30	<1	2	0.07	1.51	0.30	2.96	0.42	0.05	0.01	0.07
1425N 3400E 2336	32	94	196	7	30	1	3	0.07	1.53	0.38	2.99	0.50	0.06	0.01	0.10
1450N 3400E 2337	32	97	190	5	30	1	2	0.07	1.59	0.31	3.43	0.45	0.06	0.01	0.17
1475N 3400E 2338	35	106	348	4	24	1	1	0.05	0.95	0.22	2.96	0.18	0.04	0.01	0.10
1500N 3400E 2339	31	98	134	4	21	1	1	0.05	0.89	0.20	2.64	0.14	0.03	0.01	0.10
1525N 3400E 2340	28	90	122	4	41	<1	2	0.06	0.82	0.39	2.54	0.26	0.04	0.01	0.03
1550N 3400E 2341	56	152	664	6	49	1	3	0.10	2.00	0.38	4.90	0.59	0.06	0.01	0.22
1575N 3400E 2342	84	296	221	4	35	1	3	0.11	1.88	0.40	>5.00	0.51	0.08	0.01	0.27
1600N 3400E 2343	46	129	173	6	25	1	3	0.08	1.92	0.31	4.29	0.35	0.06	0.01	0.26
1625N 3400E 2344	38	108	177	6	32	1	2	0.07	1.23	0.38	3.38	0.45	0.05	0.01	0.13
1650N 3400E 2345	32	93	132	4	28	<1	1	0.07	0.79	0.27	2.68	0.18	0.04	0.01	0.12
1675N 3400E 2346	37	111	150	5	26	1	2	0.07	0.84	0.28	3.10	0.22	0.04	0.01	0.15
1700N 3400E 2347	40	106	>10000	22	144	<1	5	0.03	2.08	1.97	>5.00	0.62	0.11	0.01	0.23
1725N 3400E 2348	13	109	3011	13	37	<1	3	0.05	1.57	0.85	>5.00	0.72	0.13	0.01	0.30
1750N 3400E 2349	28	104	235	5	26	1	3	0.08	1.63	0.31	4.05	0.47	0.09	0.01	0.19
1775N 3400E 2350	38	113	180	6	30	1	3	0.08	2.01	0.34	3.93	0.40	0.05	0.01	0.20
1800N 3400E 2351	36	113	262	6	33	1	3	0.08	1.63	0.35	3.74	0.41	0.05	0.01	0.22
1825N 3400E 2352	22	70	120	4	32	<1	2	0.08	0.67	0.28	1.95	0.19	0.04	0.01	0.07
1850N 3400E 2353	40	114	157	7	28	1	2	0.08	1.45	0.37	3.20	0.36	0.04	0.01	0.13
1875N 3400E 2354	5	18	137	6	79	1	1	0.01	0.49	2.52	0.21	0.11	0.01	0.01	0.08
1900N 3400E 2355	40	113	1016	5	27	<1	3	0.08	1.45	0.29	3.81	0.55	0.11	0.01	0.12
1925N 3400E 2356	40	107	491	8	48	2	5	0.09	1.57	0.87	4.73	0.74	0.24	0.01	0.25
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1950N 3400E 2357	Soil	<5	0.1	27	<2	58	14	<5	<3	2	<10	<2	0.2	10	13	<5	98
1975N 3400E 2358	Soil	<5	0.3	158	<2	131	43	<5	<3	4	<10	<2	0.4	27	28	<5	124
2000N 3400E 2359	Soil	<5	0.1	146	<2	102	43	<5	<3	3	<10	<2	0.4	22	27	<5	99
0525N 3300E 2360	Soil	<5	0.1	11	<2	54	7	<5	<3	2	<10	<2	0.3	7	10	<5	51
0550N 3300E 2361	Soil	<5	0.1	48	<2	58	7	<5	<3	3	<10	<2	0.2	9	16	<5	37
0575N 3300E 2362	Soil	<5	0.1	39	<2	63	8	<5	<3	7	<10	<2	0.4	10	11	<5	41
0600N 3300E 2363	Soil	<5	<0.1	38	<2	104	5	<5	<3	4	<10	<2	0.2	13	14	<5	70
0625N 3300E 2364	Soil	<5	<0.1	45	<2	44	7	<5	<3	3	<10	<2	0.1	10	14	<5	38
0650N 3300E 2365	Soil	<5	<0.1	21	<2	21	6	<5	<3	2	<10	<2	0.3	7	12	<5	24
0675N 3300E 2366	Soil	<5	<0.1	47	<2	41	7	<5	<3	3	<10	<2	0.1	9	16	<5	59
0725N 3300E 2368	Soil	5	0.1	35	<2	37	7	<5	<3	2	<10	<2	0.1	10	15	<5	103
0750N 3300E 2369	Soil	<5	<0.1	19	<2	28	5	<5	<3	1	<10	<2	<0.1	6	10	<5	64
0775N 3300E 2370	Soil	10	<0.1	21	<2	32	8	<5	<3	2	<10	<2	<0.1	8	13	<5	65
0800N 3300E 2371	Soil	<5	<0.1	22	<2	37	10	<5	<3	2	<10	<2	0.2	9	16	<5	67
0825N 3300E 2372	Soil	10	<0.1	20	<2	44	9	<5	<3	1	<10	<2	<0.1	9	15	<5	56
0850N 3300E 2373	Soil	<5	0.1	23	<2	50	9	<5	<3	1	<10	<2	0.1	8	15	<5	48
0875N 3300E 2374	Soil	<5	0.2	14	<2	34	10	<5	<3	1	<10	<2	0.3	6	10	<5	48
0900N 3300E 2375	Soil	<5	0.1	36	<2	38	7	<5	<3	2	<10	<2	0.1	8	14	<5	72
2378	Silt	<5	<0.1	162	<2	129	52	<5	<3	3	<10	<2	2.0	30	66	<5	253
1000N 3300E 2379	Soil	<5	0.1	32	<2	50	9	<5	<3	1	<10	<2	0.2	10	14	<5	65
1025N 3300E 2380	Soil	5	<0.1	31	<2	42	10	<5	<3	2	<10	<2	0.3	10	18	<5	56
1050N 3300E 2381	Soil	<5	<0.1	30	<2	37	13	<5	<3	2	<10	<2	0.1	11	22	<5	69
1075N 3300E 2382	Soil	<5	<0.1	16	<2	41	11	<5	<3	2	<10	<2	0.3	8	13	<5	78
1100N 3300E 2383	Soil	30	<0.1	22	<2	54	8	<5	<3	4	<10	<2	0.4	7	11	<5	39
1125N 3300E 2384	Soil	<5	<0.1	88	<2	323	8	5	<3	21	<10	<2	1.1	18	13	<5	167
1150N 3300E 2385	Soil	<5	<0.1	8	3	142	6	<5	<3	22	<10	<2	0.5	12	8	<5	155
1175N 3300E 2386	Soil	<5	<0.1	10	<2	54	<5	<5	<3	16	<10	<2	0.2	7	6	<5	70
1200N 3300E 2387	Soil	10	<0.1	9	3	139	<5	<5	<3	11	<10	<2	0.3	10	6	<5	153
1225N 3300E 2388	Soil	<5	<0.1	36	<2	65	10	<5	<3	4	<10	<2	0.3	7	13	<5	56
1250N 3300E 2389	Soil	20	<0.1	12	2	43	7	<5	<3	2	<10	<2	0.1	5	8	<5	48
1275N 3300E 2390	Soil	<5	<0.1	27	<2	28	10	<5	<3	1	<10	<2	0.4	9	17	<5	57
1300N 3300E 2391	Soil	<5	<0.1	79	<2	58	19	5	3	4	<10	<2	0.1	16	26	<5	125
1325N 3300E 2392	Soil	<5	<0.1	48	<2	39	12	<5	<3	2	<10	<2	0.2	10	21	<5	87
1350N 3300E 2393	Soil	5	<0.1	30	<2	28	9	<5	<3	3	<10	<2	0.3	7	12	<5	75
1375N 3300E 2394	Soil	5	<0.1	35	<2	27	11	<5	<3	3	<10	<2	0.1	7	11	<5	57
1400N 3300E 2395	Soil	<5	<0.1	29	3	79	7	<5	<3	5	<10	<2	0.2	9	11	<5	116
1425N 3300E 2396	Soil	<5	<0.1	29	<2	46	10	<5	<3	2	<10	<2	0.3	10	17	<5	54
1450N 3300E 2397	Soil	<5	<0.1	28	<2	31	13	<5	<3	2	<10	<2	0.3	10	17	<5	67
1475N 3300E 2398	Soil	<5	<0.1	53	<2	65	9	<5	<3	3	<10	<2	0.3	10	14	<5	57
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1950N 3400E 2357	34	99	308	5	35	<1	2	0.07	1.10	0.39	3.36	0.39	0.09	0.01	0.14
1975N 3400E 2358	53	209	443	4	31	2	5	0.19	3.54	0.39	>5.00	1.32	0.15	0.01	0.46
2000N 3400E 2359	55	206	413	5	36	1	5	0.20	2.93	0.38	>5.00	1.35	0.15	0.01	0.40
0525N 3300E 2360	30	97	149	5	30	1	2	0.08	1.10	0.26	2.96	0.25	0.05	0.01	0.11
0550N 3300E 2361	28	73	297	8	39	<1	3	0.09	1.14	0.42	2.49	0.49	0.06	0.01	0.05
0575N 3300E 2362	33	103	179	5	39	1	3	0.17	1.25	0.28	4.38	0.38	0.18	0.01	0.04
0600N 3300E 2363	30	92	847	8	40	1	3	0.13	1.21	0.41	3.46	0.49	0.10	0.01	0.04
0625N 3300E 2364	26	69	370	8	39	1	4	0.09	1.12	0.40	2.60	0.54	0.08	0.01	0.07
0650N 3300E 2365	20	73	152	8	36	1	2	0.08	0.78	0.46	2.07	0.42	0.06	0.01	0.12
0675N 3300E 2366	24	66	313	7	50	<1	3	0.05	1.20	0.68	2.23	0.53	0.10	0.01	0.11
0725N 3300E 2368	26	78	336	8	43	<1	3	0.06	1.18	0.52	2.44	0.52	0.06	0.01	0.11
0750N 3300E 2369	18	50	149	6	38	1	2	0.07	1.08	0.33	1.63	0.40	0.04	0.01	0.04
0775N 3300E 2370	27	94	161	5	35	1	2	0.08	1.24	0.30	2.98	0.36	0.04	0.01	0.08
0800N 3300E 2371	35	113	158	6	25	1	2	0.07	1.82	0.26	4.12	0.34	0.05	0.01	0.20
0825N 3300E 2372	32	102	242	6	34	<1	2	0.06	1.32	0.38	3.27	0.35	0.05	0.01	0.23
0850N 3300E 2373	33	91	166	6	30	<1	2	0.07	1.86	0.29	3.17	0.37	0.04	0.01	0.17
0875N 3300E 2374	32	102	122	6	24	<1	2	0.06	1.40	0.25	3.41	0.24	0.04	0.01	0.20
0900N 3300E 2375	30	86	158	6	29	<1	2	0.04	1.32	0.32	2.85	0.38	0.05	0.01	0.12
2378	49	148	2536	7	127	1	7	0.10	2.41	1.39	>5.00	1.68	0.16	0.03	0.15
1000N 3300E 2379	38	131	274	5	22	<1	2	0.06	1.43	0.25	3.92	0.31	0.04	0.01	0.16
1025N 3300E 2380	37	105	171	6	28	1	2	0.07	1.81	0.29	3.46	0.37	0.05	0.01	0.16
1050N 3300E 2381	37	105	174	6	32	1	3	0.08	2.19	0.33	3.47	0.40	0.04	0.01	0.13
1075N 3300E 2382	38	114	148	6	30	1	3	0.07	1.88	0.31	3.79	0.32	0.04	0.01	0.32
1100N 3300E 2383	34	134	216	4	32	<1	2	0.09	0.89	0.26	3.62	0.24	0.04	0.01	0.03
1125N 3300E 2384	16	124	2330	12	54	<1	5	0.04	2.29	1.05	>5.00	0.62	0.13	0.01	0.24
1150N 3300E 2385	10	88	1275	7	62	<1	3	0.04	1.63	0.76	3.85	0.67	0.13	0.01	0.18
1175N 3300E 2386	8	87	678	10	22	<1	2	0.03	1.15	0.41	3.49	0.31	0.06	0.01	0.13
1200N 3300E 2387	12	77	2616	5	26	<1	2	0.10	1.05	0.41	3.05	0.27	0.08	0.01	0.09
1225N 3300E 2388	27	94	291	5	24	1	2	0.08	1.78	0.19	3.56	0.33	0.06	0.01	0.19
1250N 3300E 2389	23	87	272	5	21	<1	1	0.04	1.24	0.17	2.94	0.17	0.04	0.01	0.12
1275N 3300E 2390	34	110	169	6	34	1	2	0.08	1.54	0.29	3.71	0.38	0.06	0.01	0.13
1300N 3300E 2391	56	160	294	7	31	2	4	0.11	3.24	0.40	>5.00	0.74	0.07	0.01	0.29
1325N 3300E 2392	37	101	188	7	32	2	3	0.08	2.08	0.33	3.59	0.46	0.05	0.01	0.18
1350N 3300E 2393	29	92	170	7	37	1	3	0.08	1.32	0.33	2.62	0.25	0.04	0.01	0.05
1375N 3300E 2394	32	96	131	6	30	1	2	0.07	1.53	0.27	2.99	0.29	0.04	0.01	0.05
1400N 3300E 2395	22	82	1794	6	43	1	3	0.07	1.74	0.35	3.43	0.36	0.07	0.01	0.15
1425N 3300E 2396	41	116	177	6	24	1	3	0.07	1.91	0.30	3.74	0.36	0.06	0.01	0.18
1450N 3300E 2397	43	132	164	6	28	1	2	0.07	1.85	0.35	4.18	0.39	0.05	0.01	0.15
1475N 3300E 2398	53	157	280	3	26	1	2	0.10	1.04	0.31	4.14	0.35	0.06	0.01	0.12
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1500N 3300E 2399	Soil	<5	0.2	97	<2	47	10	<5	<3	4	<10	<2	0.1	12	20	<5	87
1525N 3300E 2400	Soil	5	0.3	84	<2	19	8	<5	<3	2	<10	<2	0.2	8	14	<5	93
1550N 3300E 2401	Soil	5	0.2	66	<2	89	15	5	<3	3	<10	<2	0.3	16	23	<5	130
1575N 3300E 2402	Soil	5	0.2	21	4	41	8	<5	<3	2	<10	<2	0.3	7	9	<5	38
1600N 3300E 2403	Soil	5	0.2	32	<2	35	9	<5	<3	2	<10	<2	0.4	10	16	<5	55
1625N 3300E 2404	Soil	<5	0.1	24	<2	33	8	<5	<3	2	<10	<2	0.3	6	10	<5	52
1650N 3300E 2405	Soil	10	0.3	48	<2	53	18	<5	<3	3	<10	<2	0.1	11	16	<5	71
1700N 3300E 2407	Soil	<5	0.1	62	<2	86	18	<5	<3	4	<10	<2	0.4	16	21	<5	80
1725N 3300E 2408	Soil	5	0.2	72	<2	51	13	<5	<3	5	<10	<2	0.5	9	12	<5	57
1750N 3300E 2409	Soil	<5	0.2	43	<2	70	13	<5	<3	2	<10	<2	0.2	9	13	<5	62
1775N 3300E 2410	Soil	<5	0.6	371	<2	119	31	6	<3	9	<10	<2	0.4	26	49	<5	217
1800N 3300E 2411	Soil	5	0.2	70	<2	118	17	<5	<3	11	<10	<2	0.6	8	9	<5	46
1825N 3300E 2412	Soil	<5	0.3	62	<2	92	13	<5	<3	3	<10	<2	0.4	15	17	<5	86
1850N 3300E 2413	Soil	25	0.2	64	<2	50	12	<5	<3	2	<10	<2	0.3	11	18	<5	106
1875N 3300E 2414	Soil	<5	0.3	168	<2	87	99	5	<3	4	<10	<2	0.2	25	27	<5	204
1900N 3300E 2415	Soil	5	0.2	74	<2	153	31	<5	<3	3	<10	<2	0.2	18	24	<5	108
1925N 3300E 2416	Soil	5	0.2	93	<2	110	81	<5	<3	4	<10	<2	0.3	23	25	<5	133
1950N 3300E 2417	Soil	5	0.3	281	4	76	62	<5	<3	3	<10	<2	0.1	30	17	<5	38
1975N 3300E 2418	Soil	<5	0.3	41	2	79	19	<5	<3	2	<10	<2	0.6	11	13	<5	102
2000N 3300E 2419	Soil	<5	0.3	64	<2	89	32	<5	<3	3	<10	<2	0.5	13	20	<5	112
0525N 3200E 2420	Soil	<5	0.4	382	<2	87	9	5	<3	13	<10	<2	0.2	24	47	<5	197
0550N 3200E 2421	Soil	<5	0.2	16	<2	56	9	<5	<3	4	<10	<2	0.1	8	11	<5	53
0575N 3200E 2422	Soil	5	0.2	24	<2	57	10	<5	<3	3	<10	<2	0.2	9	13	<5	55
0600N 3200E 2423	Soil	<5	0.3	24	<2	37	10	<5	<3	5	<10	<2	0.3	9	12	<5	50
0625N 3200E 2424	Soil	<5	0.2	38	<2	28	7	<5	<3	3	<10	<2	<0.1	7	12	<5	60
0650N 3200E 2425	Soil	<5	0.6	85	<2	66	5	<5	<3	5	<10	<2	0.1	7	21	<5	233
0675N 3200E 2426	Soil	5	0.3	21	<2	41	9	<5	<3	2	<10	<2	0.2	7	12	<5	90
0700N 3200E 2427	Soil	5	0.2	10	<2	36	5	<5	<3	2	<10	<2	0.1	6	8	<5	65
0725N 3200E 2428	Soil	5	0.2	39	<2	32	8	<5	<3	2	<10	<2	<0.1	7	13	<5	46
0750N 3200E 2429	Soil	5	0.1	66	<2	50	13	<5	<3	2	<10	2	0.1	8	13	<5	35
0775N 3200E 2430	Soil	15	0.2	26	<2	50	14	<5	<3	2	<10	<2	0.1	7	13	<5	72
0800N 3200E 2431	Soil	5	0.2	13	<2	33	9	<5	<3	2	<10	<2	0.2	8	12	<5	55
0825N 3200E 2432	Soil	5	0.2	13	2	41	10	<5	<3	2	<10	<2	0.4	7	10	<5	50
0850N 3200E 2433	Soil	5	0.4	121	<2	88	10	<5	<3	2	<10	<2	0.4	11	26	<5	243
0875N 3200E 2434	Soil	<5	0.2	52	<2	52	<5	<5	<3	38	<10	<2	0.6	49	26	<5	597
0900N 3200E 2435	Soil	<5	0.2	55	<2	54	10	<5	<3	2	<10	<2	0.1	10	22	<5	68
0925N 3200E 2436	Soil	25	0.2	30	<2	33	8	<5	<3	1	<10	<2	0.2	7	13	<5	65
0950N 3200E 2437	Soil	<5	0.2	35	<2	63	9	<5	<3	2	<10	<2	0.1	10	18	<5	72
0975N 3200E 2438	Soil	<5	0.1	40	<2	38	10	<5	<3	2	<10	<2	<0.1	9	20	<5	84
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1500N 3300E 2399	45	101	456	9	60	1	4	0.09	1.88	0.84	3.27	0.68	0.10	0.01	0.06
1525N 3300E 2400	34	84	128	11	51	<1	3	0.07	1.49	0.56	2.70	0.38	0.07	0.01	0.03
1550N 3300E 2401	68	193	251	9	46	1	4	0.13	2.44	0.34	>5.00	0.71	0.09	0.01	0.29
1575N 3300E 2402	30	102	121	7	17	1	2	0.10	0.94	0.21	2.84	0.24	0.06	0.01	0.06
1600N 3300E 2403	41	116	169	6	25	<1	2	0.06	1.45	0.36	3.41	0.36	0.05	0.01	0.17
1625N 3300E 2404	28	90	137	4	25	<1	2	0.06	0.94	0.28	2.71	0.30	0.05	0.01	0.12
1650N 3300E 2405	43	160	188	5	18	1	3	0.07	1.50	0.24	>5.00	0.49	0.10	0.01	0.31
1700N 3300E 2407	56	195	236	4	35	1	3	0.14	1.57	0.43	>5.00	0.74	0.10	0.01	0.10
1725N 3300E 2408	35	134	165	7	42	1	3	0.09	1.34	0.35	4.70	0.35	0.08	0.01	0.05
1750N 3300E 2409	40	118	319	4	24	1	3	0.07	1.45	0.27	3.63	0.36	0.07	0.01	0.15
1775N 3300E 2410	62	137	1235	22	52	1	9	0.10	4.13	0.57	>5.00	1.52	0.24	0.01	0.10
1800N 3300E 2411	12	44	492	9	13	3	4	0.01	1.29	0.24	>5.00	0.28	0.11	<0.01	0.23
1825N 3300E 2412	41	117	341	6	33	1	3	0.09	1.53	0.40	4.23	0.57	0.11	0.01	0.15
1850N 3300E 2413	46	116	252	5	42	1	3	0.10	1.21	0.49	3.68	0.52	0.12	0.01	0.15
1875N 3300E 2414	53	234	393	4	46	1	6	0.18	2.96	0.37	>5.00	1.28	0.15	0.01	0.23
1900N 3300E 2415	50	169	335	5	30	1	5	0.10	2.87	0.31	>5.00	0.94	0.10	0.01	0.33
1925N 3300E 2416	55	225	307	5	35	2	5	0.16	3.32	0.36	>5.00	1.17	0.12	0.01	0.31
1950N 3300E 2417	10	121	621	10	49	2	9	0.01	2.31	1.36	>5.00	1.10	0.08	0.01	0.21
1975N 3300E 2418	34	115	307	4	31	<1	3	0.11	1.19	0.30	3.57	0.52	0.13	0.01	0.14
2000N 3300E 2419	40	134	282	5	37	1	4	0.06	2.53	0.27	4.78	0.73	0.08	0.01	0.10
0525N 3200E 2420	66	124	3008	22	65	<1	18	0.09	3.90	0.98	>5.00	1.02	0.23	0.01	0.15
0550N 3200E 2421	28	95	166	5	34	1	2	0.12	1.29	0.27	3.31	0.31	0.06	0.01	0.09
0575N 3200E 2422	29	102	215	5	35	1	3	0.09	1.48	0.27	3.73	0.35	0.05	0.01	0.17
0600N 3200E 2423	26	126	170	5	44	1	3	0.15	1.17	0.28	3.83	0.40	0.06	0.01	0.09
0625N 3200E 2424	19	58	159	8	40	<1	2	0.05	1.14	0.53	1.93	0.40	0.03	0.01	0.12
0650N 3200E 2425	22	32	1205	11	163	1	1	0.01	1.64	2.88	2.05	0.49	0.07	0.02	0.12
0675N 3200E 2426	29	91	162	6	30	1	3	0.07	1.47	0.29	2.97	0.34	0.05	0.01	0.12
0700N 3200E 2427	23	93	165	4	32	<1	1	0.06	0.93	0.23	2.64	0.18	0.03	0.01	0.07
0725N 3200E 2428	26	76	181	7	27	1	3	0.06	1.47	0.28	2.57	0.43	0.04	0.01	0.12
0750N 3200E 2429	32	104	222	5	20	1	2	0.07	2.17	0.21	3.62	0.29	0.04	0.01	0.22
0775N 3200E 2430	32	98	179	5	24	1	3	0.06	2.53	0.25	3.31	0.35	0.04	0.01	0.23
0800N 3200E 2431	32	119	135	5	25	<1	2	0.05	1.77	0.24	3.76	0.27	0.04	0.01	0.16
0825N 3200E 2432	28	106	173	5	24	1	2	0.07	1.31	0.23	3.45	0.31	0.04	0.01	0.17
0850N 3200E 2433	35	80	325	7	55	<1	4	0.06	2.07	0.55	3.04	0.74	0.12	0.02	0.06
0875N 3200E 2434	39	133	>10000	7	98	<1	3	0.06	1.78	1.39	>5.00	0.88	0.08	0.03	0.22
0900N 3200E 2435	33	86	303	6	25	1	3	0.07	2.14	0.25	3.13	0.47	0.05	0.01	0.11
0925N 3200E 2436	23	66	172	7	26	<1	2	0.06	1.55	0.32	2.19	0.41	0.04	0.01	0.09
0950N 3200E 2437	35	95	198	6	24	1	3	0.07	2.29	0.26	3.40	0.48	0.04	0.01	0.16
0975N 3200E 2438	33	87	174	6	23	1	3	0.06	2.46	0.29	3.06	0.41	0.04	0.01	0.14
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1000N 3200E 2439	Soil	<5	0.2	30	<2	29	10	<5	<3	2	<10	<2	0.2	9	17	<5	68
N E 2440	Silt	<5	0.1	109	<2	109	39	<5	<3	2	<10	<2	1.4	28	56	<5	223
1050N 3200E 2441	Soil	5	0.3	45	<2	43	11	<5	<3	2	<10	<2	0.3	10	17	<5	46
1075N 3200E 2442	Soil	5	0.2	29	<2	82	11	<5	<3	3	<10	<2	0.3	11	14	<5	42
1100N 3200E 2443	Soil	<5	0.4	196	6	63	<5	<5	<3	4	<10	2	1.5	6	9	<5	105
1125N 3200E 2444	Soil	<5	0.2	52	<2	97	13	<5	<3	66	<10	<2	0.1	14	10	<5	77
1150N 3200E 2445	Soil	10	0.2	24	7	86	10	<5	<3	26	<10	<2	0.3	7	12	<5	56
1175N 3200E 2446	Soil	<5	0.1	96	<2	88	10	<5	<3	8	<10	<2	0.2	12	23	<5	91
1200N 3200E 2447	Soil	<5	0.2	9	2	49	6	<5	<3	27	<10	<2	0.2	5	5	<5	53
1225N 3200E 2448	Soil	<5	0.3	3	4	43	<5	<5	<3	25	<10	3	<0.1	3	3	<5	108
1250N 3200E 2449	Soil	<5	0.4	14	3	89	8	<5	<3	4	<10	<2	0.2	7	8	<5	67
1275N 3200E 2450	Soil	5	0.2	25	3	27	11	<5	<3	6	<10	<2	0.4	6	9	<5	54
1300N 3200E 2451	Soil	<5	0.3	56	<2	55	13	<5	<3	4	<10	<2	<0.1	12	15	<5	77
1325N 3200E 2452	Soil	5	0.3	27	<2	34	9	<5	<3	2	<10	<2	0.1	9	15	<5	46
1350N 3200E 2453	Soil	5	0.2	43	<2	41	9	<5	<3	1	<10	<2	0.1	9	14	<5	52
1375N 3200E 2454	Soil	5	0.3	10	2	23	8	<5	<3	2	<10	5	0.2	4	6	<5	32
1400N 3200E 2455	Soil	<5	0.1	132	<2	59	23	<5	<3	2	<10	<2	0.2	15	21	<5	595
1425N 3200E 2456	Soil	<5	0.3	15	2	75	<5	<5	<3	4	<10	<2	0.3	11	6	<5	323
1450N 3200E 2457	Soil	<5	0.3	158	<2	163	15	5	<3	10	<10	<2	0.3	26	42	<5	196
1475N 3200E 2458	Soil	5	0.2	108	<2	194	19	<5	<3	9	<10	<2	0.4	22	34	<5	141
1500N 3200E 2459	Soil	<5	0.1	15	<2	30	<5	<5	<3	3	<10	<2	0.1	3	6	<5	51
1525N 3200E 2460	Soil	5	0.3	26	<2	39	9	<5	<3	2	<10	<2	0.2	7	12	<5	48
1550N 3200E 2461	Soil	<5	0.2	11	<2	31	6	<5	<3	1	<10	<2	0.3	5	8	<5	47
1575N 3200E 2462	Soil	5	0.2	47	2	38	9	<5	<3	4	<10	<2	0.2	8	12	<5	73
1600N 3200E 2463	Soil	<5	0.2	52	<2	80	17	<5	<3	2	<10	<2	0.4	14	15	<5	149
1625N 3200E 2464	Soil	<5	0.2	71	<2	130	27	<5	4	3	<10	<2	0.5	22	27	<5	219
1650N 3200E 2465	Soil	<5	0.3	41	<2	35	<5	<5	<3	2	<10	<2	<0.1	7	9	<5	89
1675N 3200E 2466	Soil	<5	0.2	107	<2	57	11	<5	<3	4	<10	<2	0.5	12	18	<5	78
1700N 3200E 2467	Soil	5	0.2	69	<2	36	8	<5	<3	2	<10	<2	0.2	9	15	<5	57
1725N 3200E 2468	Soil	<5	0.3	212	<2	95	26	5	<3	3	<10	<2	0.2	22	37	<5	159
1750N 3200E 2469	Soil	<5	0.2	93	<2	30	12	<5	<3	2	<10	<2	0.2	11	17	<5	37
1775N 3200E 2470	Soil	5	0.2	69	<2	46	17	<5	<3	2	<10	<2	0.2	13	23	<5	64
1800N 3200E 2471	Soil	5	0.3	47	<2	53	8	<5	<3	2	<10	2	0.3	9	14	<5	65
1825N 3200E 2472	Soil	5	0.2	82	<2	52	13	<5	<3	2	<10	<2	0.3	13	23	<5	98
1850N 3200E 2473	Soil	<5	0.3	94	<2	76	14	<5	<3	2	<10	<2	0.5	20	26	<5	96
1875N 3200E 2474	Soil	<5	0.2	28	<2	40	10	<5	<3	1	<10	<2	0.3	7	12	<5	39
1900N 3200E 2475	Soil	5	0.2	70	<2	46	12	<5	<3	2	<10	<2	0.2	10	18	<5	55
1925N 3200E 2476	Soil	<5	0.3	79	<2	76	61	<5	<3	3	<10	<2	0.1	16	22	<5	93
1950N 3200E 2477	Soil	<5	0.2	178	<2	113	62	5	<3	2	<10	<2	0.5	29	25	<5	157
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1000N 3200E 2439	35	110	172	6	27	<1	2	0.07	1.38	0.36	3.45	0.41	0.04	0.01	0.14
N E 2440	44	154	2077	7	108	1	8	0.12	2.51	1.25	>5.00	1.84	0.16	0.03	0.17
1050N 3200E 2441	37	111	176	5	27	1	2	0.06	1.33	0.30	3.38	0.37	0.05	0.01	0.12
1075N 3200E 2442	41	123	365	5	20	<1	3	0.07	1.52	0.28	4.17	0.43	0.06	0.01	0.18
1100N 3200E 2443	11	22	975	24	95	<1	1	0.02	0.58	1.81	1.08	0.21	0.06	0.02	0.09
1125N 3200E 2444	10	95	554	7	27	1	4	0.03	2.49	0.42	>5.00	0.85	0.07	0.01	0.19
1150N 3200E 2445	26	102	176	5	24	1	2	0.07	1.64	0.20	3.59	0.30	0.05	0.01	0.12
1175N 3200E 2446	31	88	277	7	40	1	3	0.06	2.53	0.27	4.16	0.66	0.06	0.01	0.13
1200N 3200E 2447	13	73	250	6	27	1	2	0.06	0.88	0.28	2.99	0.16	0.06	0.01	0.05
1225N 3200E 2448	8	23	1995	3	21	<1	1	0.03	0.62	0.13	0.84	0.08	0.03	0.01	0.04
1250N 3200E 2449	15	78	373	6	25	1	2	0.08	1.49	0.27	3.24	0.34	0.06	0.01	0.16
1275N 3200E 2450	30	151	112	5	24	1	2	0.12	1.37	0.16	3.69	0.20	0.04	0.01	0.10
1300N 3200E 2451	38	153	208	5	23	1	3	0.12	2.22	0.34	>5.00	0.74	0.08	0.01	0.49
1325N 3200E 2452	31	98	158	6	28	1	2	0.07	1.28	0.31	2.93	0.33	0.05	0.01	0.09
1350N 3200E 2453	29	78	192	6	30	1	3	0.08	1.59	0.38	2.63	0.52	0.07	0.01	0.13
1375N 3200E 2454	21	76	92	4	24	1	2	0.06	1.07	0.23	2.13	0.15	0.03	0.01	0.05
1400N 3200E 2455	33	110	264	10	262	1	5	0.09	3.17	0.58	4.37	0.86	0.14	0.01	0.21
1425N 3200E 2456	9	75	1198	6	90	<1	2	0.06	1.29	0.44	3.55	0.31	0.13	0.01	0.20
1450N 3200E 2457	58	190	1753	17	67	3	6	0.16	4.46	1.04	>5.00	1.04	0.14	0.01	0.19
1475N 3200E 2458	54	165	1049	10	32	1	6	0.11	3.58	0.35	>5.00	1.01	0.18	0.01	0.27
1500N 3200E 2459	19	64	110	7	22	<1	1	0.04	0.62	0.15	1.88	0.09	0.05	0.02	0.03
1525N 3200E 2460	30	93	152	5	24	<1	2	0.06	1.24	0.26	2.97	0.33	0.06	0.01	0.12
1550N 3200E 2461	29	92	112	5	26	<1	1	0.06	0.84	0.24	2.61	0.18	0.04	0.01	0.07
1575N 3200E 2462	37	114	110	6	34	<1	2	0.07	1.23	0.34	3.16	0.35	0.05	0.01	0.03
1600N 3200E 2463	49	160	295	5	22	<1	3	0.06	1.94	0.28	4.73	0.46	0.10	0.02	0.23
1625N 3200E 2464	67	261	507	4	31	1	7	0.15	2.84	0.42	>5.00	1.11	0.13	0.01	0.48
1650N 3200E 2465	9	21	442	<2	234	1	1	0.01	0.62	4.68	1.10	0.27	0.02	0.01	0.11
1675N 3200E 2466	40	116	499	8	41	1	3	0.08	1.25	0.56	3.93	0.54	0.12	0.01	0.15
1700N 3200E 2467	28	79	257	8	41	1	3	0.08	1.27	0.51	2.42	0.60	0.07	0.02	0.11
1725N 3200E 2468	66	185	453	7	66	1	6	0.12	2.55	0.50	>5.00	1.17	0.10	0.01	0.12
1750N 3200E 2469	42	120	202	7	30	1	3	0.09	1.26	0.50	3.44	0.52	0.05	0.01	0.15
1775N 3200E 2470	50	127	232	6	34	1	3	0.09	1.60	0.41	3.97	0.62	0.06	0.01	0.10
1800N 3200E 2471	36	101	183	6	34	1	3	0.08	1.26	0.33	3.05	0.39	0.07	0.01	0.04
1825N 3200E 2472	44	109	352	7	39	1	4	0.10	1.49	0.51	3.67	0.66	0.11	0.01	0.17
1850N 3200E 2473	46	131	516	7	63	<1	5	0.09	2.05	0.51	4.37	0.80	0.12	0.02	0.09
1875N 3200E 2474	39	115	149	5	28	1	2	0.07	1.00	0.37	3.13	0.30	0.05	0.01	0.18
1900N 3200E 2475	40	113	171	7	29	2	3	0.09	1.92	0.41	3.46	0.43	0.06	0.01	0.17
1925N 3200E 2476	52	144	429	5	48	1	5	0.06	2.14	0.54	>5.00	0.88	0.11	0.02	0.25
1950N 3200E 2477	36	184	854	7	80	1	10	0.18	2.65	1.40	>5.00	1.84	0.24	0.03	0.16
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1975N 3200E 2478	Soil	<5	0.2	157	9	150	83	<5	<3	2	<10	<2	0.7	41	27	<5	189
2000N 3200E 2479	Soil	<5	0.3	96	<2	72	40	<5	<3	3	<10	<2	0.2	19	21	<5	112
2000N 3100E 2480	Soil	<5	0.3	83	63	159	33	5	<3	4	<10	<2	1.5	53	19	<5	114
1975N 3100E 2481	Soil	<5	0.2	28	<2	58	22	<5	<3	2	<10	<2	0.1	14	18	<5	107
1950N 3100E 2482	Soil	<5	0.2	9	4	25	5	<5	<3	1	<10	<2	<0.1	4	8	<5	29
1925N 3100E 2483	Soil	10	0.2	17	2	35	8	<5	<3	1	<10	<2	0.2	5	10	<5	37
1900N 3100E 2484	Soil	5	0.2	27	<2	51	10	<5	<3	1	<10	<2	0.5	9	15	<5	46
1875N 3100E 2485	Soil	<5	0.1	90	<2	107	84	<5	<3	2	<10	<2	0.2	45	69	<5	203
1850N 3100E 2486	Soil	<5	0.2	299	<2	144	172	<5	<3	3	<10	<2	0.7	21	38	<5	153
1825N 3100E 2487	Soil	<5	0.2	43	<2	39	17	<5	<3	1	<10	<2	0.3	10	24	<5	68
1800N 3100E 2488	Soil	<5	0.4	155	<2	209	84	<5	<3	7	<10	<2	1.0	26	27	<5	216
1775N 3100E 2489	Soil	15	0.2	59	<2	97	36	<5	<3	2	<10	<2	0.7	18	26	<5	185
1750N 3100E 2490	Soil	<5	0.2	255	<2	58	13	<5	<3	2	<10	<2	0.2	34	36	<5	56
1725N 3100E 2491	Soil	<5	0.2	173	<2	151	16	5	<3	4	<10	<2	0.2	36	41	<5	255
1700N 3100E 2492	Soil	15	0.1	57	2	44	12	<5	<3	1	<10	<2	0.2	12	19	<5	84
1675N 3100E 2493	Soil	<5	0.2	51	<2	65	18	<5	<3	2	<10	<2	0.4	11	21	<5	81
1650N 3100E 2494	Soil	<5	0.2	98	<2	71	23	<5	<3	2	<10	<2	0.4	14	30	<5	93
1625N 3100E 2495	Soil	<5	0.2	129	<2	52	16	<5	<3	2	<10	<2	0.4	16	24	<5	127
1600N 3100E 2496	Soil	<5	0.5	226	<2	39	6	<5	<3	9	<10	<2	0.5	16	26	<5	300
1575N 3100E 2497	Soil	<5	0.2	75	<2	54	18	<5	<3	3	<10	<2	0.4	14	23	<5	41
1525N 3100E 2499	Soil	10	0.2	34	<2	63	14	<5	<3	2	<10	<2	0.3	12	25	<5	122
1250N 2900E 2682	Soil	10	0.3	250	<2	70	18	<5	<3	4	<10	<2	0.5	18	30	<5	160
1275N 2900E 2683	Soil	<5	0.3	148	2	46	16	<5	<3	3	<10	<2	0.4	16	24	<5	106
1300N 2900E 2684	Soil	10	0.6	451	<2	56	15	<5	<3	3	<10	<2	0.6	13	32	<5	200
1325N 2900E 2685	Soil	<5	0.9	489	<2	55	8	<5	<3	4	<10	<2	0.3	4	22	<5	199
1350N 2900E 2686	Soil	<5	1.2	1017	<2	68	28	<5	3	5	<10	<2	0.9	18	49	<5	244
1375N 2900E 2687	Soil	<5	0.9	918	<2	64	21	<5	<3	3	<10	<2	0.7	11	36	<5	175
1400N 2900E 2688	Soil	<5	0.7	619	<2	69	77	<5	<3	5	<10	<2	0.6	26	30	<5	148
1425N 2900E 2689	Soil	15	1.1	1235	<2	76	62	<5	<3	4	<10	<2	0.7	22	45	<5	174
1450N 2900E 2690	Soil	<5	0.2	232	<2	63	29	<5	4	2	<10	<2	0.3	22	29	<5	83
1475N 2900E 2691	Soil	<5	0.3	441	<2	89	17	<5	<3	5	<10	<2	0.4	14	33	<5	160
1500N 2900E 2692	Soil	<5	0.2	98	4	90	28	<5	<3	9	<10	<2	0.8	21	20	<5	167
1525N 2900E 2693	Soil	<5	0.3	82	<2	202	11	5	4	4	<10	<2	0.7	54	95	<5	278
1550N 2900E 2694	Soil	<5	0.2	119	<2	143	22	<5	<3	6	<10	<2	0.5	41	46	<5	223
1575N 2900E 2695	Soil	<5	0.2	269	<2	147	23	6	<3	9	<10	<2	0.6	33	57	<5	41
1600N 2900E 2696	Soil	<5	0.4	90	<2	219	248	<5	<3	8	<10	<2	1.1	16	40	<5	67
1625N 2900E 2697	Soil	<5	0.3	146	<2	110	20	<5	<3	5	<10	<2	0.4	46	29	<5	125
1650N 2900E 2698	Soil	<5	0.4	753	<2	79	21	<5	<3	12	<10	<2	0.5	35	75	<5	52
1675N 2900E 2699	Soil	<5	0.1	287	<2	108	58	<5	<3	5	<10	<2	0.3	42	37	<5	77
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1975N 3200E 2478	30	244	2424	10	76	1	16	0.20	3.36	1.32	>5.00	2.46	0.17	0.03	0.20
2000N 3200E 2479	41	172	305	4	47	1	6	0.13	2.12	0.42	>5.00	1.22	0.12	0.02	0.10
2000N 3100E 2480	18	163	4170	4	81	<1	4	0.07	2.47	0.96	>5.00	1.17	0.21	0.01	0.19
1975N 3100E 2481	33	126	405	4	19	1	4	<0.01	2.28	0.27	>5.00	0.66	0.11	0.01	0.21
1950N 3100E 2482	32	91	93	3	22	<1	1	0.07	0.69	0.22	2.35	0.14	0.03	0.01	0.07
1925N 3100E 2483	34	88	114	5	23	1	2	0.06	0.94	0.28	2.39	0.22	0.05	0.01	0.11
1900N 3100E 2484	39	115	165	4	31	1	2	0.08	1.08	0.33	3.38	0.36	0.07	0.01	0.12
1875N 3100E 2485	112	146	677	4	261	1	8	0.08	4.06	0.85	>5.00	1.95	0.24	0.02	0.12
1850N 3100E 2486	40	161	414	9	122	1	5	0.01	2.93	1.11	>5.00	0.83	0.13	0.01	0.09
1825N 3100E 2487	42	113	183	5	32	1	3	0.07	1.52	0.35	3.59	0.48	0.05	0.01	0.13
1800N 3100E 2488	25	151	593	5	174	2	4	0.05	3.92	0.43	>5.00	0.60	0.15	0.02	0.41
1775N 3100E 2489	42	136	406	5	124	1	5	0.11	2.15	0.65	4.47	0.88	0.39	0.02	0.23
1750N 3100E 2490	83	129	820	3	64	1	8	0.10	3.07	1.05	4.91	1.74	0.12	0.02	0.18
1725N 3100E 2491	86	189	1682	3	152	1	8	0.08	4.61	0.98	>5.00	2.13	0.12	0.03	0.20
1700N 3100E 2492	40	116	339	7	36	1	3	0.08	1.29	0.52	3.38	0.51	0.07	0.02	0.16
1675N 3100E 2493	47	139	190	7	26	2	3	0.08	2.35	0.37	4.67	0.44	0.06	0.02	0.27
1650N 3100E 2494	49	143	212	6	32	1	3	0.08	2.85	0.37	4.84	0.55	0.08	0.01	0.18
1625N 3100E 2495	34	91	378	8	47	1	3	0.08	1.84	0.51	3.41	0.71	0.11	0.02	0.12
1600N 3100E 2496	34	70	7356	12	215	1	3	0.02	1.60	3.26	3.22	0.56	0.08	0.01	0.22
1575N 3100E 2497	49	127	314	6	35	1	4	0.10	1.54	0.44	4.41	0.65	0.10	0.01	0.07
1525N 3100E 2499	46	131	245	6	33	1	3	0.07	1.94	0.42	4.52	0.60	0.08	0.01	0.30
1250N 2900E 2682	64	159	761	10	55	1	6	0.07	1.91	1.03	4.80	0.91	0.17	0.02	0.13
1275N 2900E 2683	53	127	553	7	44	1	4	0.11	1.37	0.74	3.77	0.78	0.12	0.02	0.08
1300N 2900E 2684	37	84	751	9	92	1	4	0.06	1.57	1.90	3.09	0.69	0.12	0.02	0.09
1325N 2900E 2685	17	26	546	12	171	2	2	0.01	0.86	4.34	1.22	0.32	0.04	0.02	0.18
1350N 2900E 2686	47	108	1135	20	122	1	4	0.04	2.32	2.88	3.88	0.78	0.17	0.02	0.12
1375N 2900E 2687	26	65	733	23	119	1	2	0.03	1.23	3.37	2.28	0.46	0.09	0.02	0.12
1400N 2900E 2688	42	222	819	13	66	1	13	0.16	2.23	1.48	>5.00	1.08	0.22	0.02	0.10
1425N 2900E 2689	49	165	771	22	72	1	9	0.12	2.12	1.84	>5.00	0.85	0.23	0.01	0.10
1450N 2900E 2690	44	141	555	10	44	1	4	0.12	1.87	1.20	4.41	1.07	0.18	0.03	0.19
1475N 2900E 2691	21	90	556	5	134	2	4	0.09	1.02	4.04	2.67	0.81	0.22	0.02	0.10
1500N 2900E 2692	49	236	389	4	33	1	5	0.18	1.53	0.33	>5.00	0.69	0.22	0.01	0.07
1525N 2900E 2693	207	252	1155	<2	17	3	6	0.52	3.61	0.37	>5.00	2.70	0.86	0.01	0.24
1550N 2900E 2694	66	296	624	8	36	1	8	0.41	3.67	0.64	>5.00	2.01	0.57	0.03	0.40
1575N 2900E 2695	159	244	313	2	29	3	6	0.30	2.91	0.39	>5.00	1.49	0.14	0.02	0.13
1600N 2900E 2696	78	244	270	5	34	1	10	0.08	3.39	0.49	>5.00	0.99	0.07	0.01	0.18
1625N 2900E 2697	49	187	1596	5	55	1	4	0.08	2.12	0.72	>5.00	1.87	0.09	0.02	0.25
1650N 2900E 2698	35	168	1231	7	61	1	5	0.08	2.23	1.00	>5.00	0.52	0.05	0.02	0.10
1675N 2900E 2699	19	176	953	4	170	2	10	0.08	3.10	0.84	>5.00	0.78	0.07	0.02	0.21
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1700N 2900E 2700	Soil	<5	0.3	62	<2	136	26	<5	<3	11	<10	<2	0.8	17	39	<5	150
1725N 2900E 2701	Soil	<5	0.6	238	<2	131	28	<5	<3	6	<10	<2	0.6	43	60	<5	70
1750N 2900E 2702	Soil	<5	0.3	6	4	31	<5	<5	<3	1	<10	<2	0.2	4	7	<5	48
1775N 2900E 2703	Soil	<5	0.3	21	2	64	9	<5	<3	1	<10	<2	0.5	7	11	<5	38
1800N 2900E 2704	Soil	5	0.3	151	4	150	31	<5	<3	7	<10	<2	0.7	29	64	<5	501
1825N 2900E 2705	Soil	<5	0.5	135	18	497	11	<5	<3	2	<10	<2	3.0	59	19	<5	329
1850N 2900E 2706	Soil	<5	0.3	229	6	108	47	<5	<3	2	<10	<2	0.5	38	20	<5	100
1875N 2900E 2707	Soil	<5	0.3	136	4	197	17	<5	<3	2	<10	<2	1.0	29	19	<5	50
1900N 2900E 2708	Soil	<5	0.3	109	3	167	76	<5	<3	3	<10	<2	0.7	28	16	<5	69
1925N 2900E 2709	Soil	<5	0.3	108	8	167	264	<5	<3	2	<10	<2	0.5	33	20	<5	160
1950N 2900E 2710	Soil	10	0.4	83	37	275	945	<5	<3	3	<10	<2	1.0	24	25	<5	222
1975N 2900E 2711	Soil	<5	0.2	150	<2	126	39	<5	5	3	<10	<2	0.2	34	20	<5	71
2000N 2900E 2712	Soil	<5	0.3	89	2	157	16	<5	<3	1	<10	<2	0.4	27	17	<5	59
2000N 3000E 2713	Soil	<5	0.3	163	6	177	73	<5	<3	2	<10	<2	1.1	34	16	<5	75
1975N 3000E 2714	Soil	<5	0.2	130	38	151	33	<5	<3	2	<10	<2	0.9	35	14	<5	180
1950N 3000E 2715	Soil	<5	0.3	265	12	119	147	<5	<3	3	<10	<2	0.4	27	21	<5	78
1925N 3000E 2716	Soil	<5	0.3	68	3	111	38	<5	<3	3	<10	<2	0.3	26	15	<5	34
1900N 3000E 2717	Soil	<5	0.2	150	3	71	211	6	<3	5	<10	<2	0.1	30	55	<5	278
1875N 3000E 2718	Soil	<5	0.4	83	7	182	135	<5	<3	4	<10	<2	1.0	38	35	<5	434
1850N 3000E 2719	Soil	<5	0.2	77	<2	103	41	<5	<3	1	<10	<2	0.5	24	16	<5	28
1825N 3000E 2720	Soil	<5	0.3	68	<2	140	139	<5	<3	3	<10	<2	0.5	21	17	<5	201
1800N 3000E 2721	Soil	<5	0.3	80	<2	119	38	5	<3	2	<10	<2	0.5	24	19	<5	119
1775N 3000E 2722	Soil	<5	0.2	41	<2	140	20	<5	<3	2	<10	<2	0.5	17	14	<5	182
1750N 3000E 2723	Soil	<5	0.2	77	<2	88	17	7	<3	3	<10	<2	<0.1	31	61	<5	82
1725N 3000E 2724	Soil	<5	0.3	54	<2	123	27	<5	<3	6	<10	<2	0.6	19	19	<5	65
1700N 3000E 2725	Soil	<5	0.4	73	<2	188	36	<5	<3	5	<10	<2	0.6	23	21	<5	198
1675N 3000E 2726	Soil	<5	0.2	51	<2	60	15	<5	<3	2	<10	<2	0.4	11	23	<5	64
1650N 3000E 2727	Soil	<5	0.2	71	<2	63	17	<5	<3	2	<10	<2	0.4	15	26	<5	66
1625N 3000E 2728	Soil	<5	0.1	51	<2	82	18	<5	<3	3	<10	<2	0.5	20	26	<5	103
1600N 3000E 2729	Soil	<5	0.3	402	17	57	<5	5	<3	5	<10	<2	0.5	4	78	<5	42
1575N 3000E 2730	Soil	<5	0.5	505	<2	81	23	<5	<3	6	<10	<2	0.8	17	56	<5	83
1550N 3000E 2731	Soil	<5	1.1	604	<2	94	6	<5	<3	11	<10	<2	1.7	26	74	<5	178
1500N 3000E 2733	Soil	5	0.4	28	<2	45	10	<5	<3	2	<10	<2	0.3	7	14	<5	74
1475N 3000E 2734	Soil	<5	0.6	265	2	57	<5	<5	<3	19	<10	<2	0.3	10	26	<5	171
1450N 3000E 2735	Soil	<5	0.4	144	<2	44	8	<5	<3	3	<10	<2	0.2	7	16	<5	73
1400N 3000E 2737	Soil	50	0.3	23	<2	46	9	<5	<3	1	<10	<2	0.2	7	12	<5	44
1375N 3000E 2738	Soil	<5	0.6	637	3	55	12	<5	<3	13	<10	<2	1.0	15	46	<5	145
1350N 3000E 2739	Soil	5	0.5	379	5	53	13	<5	<3	8	<10	<2	1.2	16	38	<5	106
1325N 3000E 2740	Soil	<5	0.3	102	5	57	8	<5	<3	5	<10	<2	0.5	6	7	<5	89
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1700N 2900E 2700	65	222	672	6	107	<1	4	0.03	2.58	0.31	>5.00	0.52	0.07	0.02	0.15
1725N 2900E 2701	34	201	321	3	101	2	6	0.10	4.44	0.62	>5.00	0.94	0.15	0.01	0.14
1750N 2900E 2702	27	72	108	4	25	<1	1	0.06	0.48	0.22	1.82	0.10	0.05	0.01	0.02
1775N 2900E 2703	39	101	134	5	28	1	2	0.06	1.12	0.32	3.04	0.26	0.07	0.01	0.23
1800N 2900E 2704	73	210	499	7	177	3	6	0.09	3.41	0.71	>5.00	1.10	0.09	0.02	0.17
1825N 2900E 2705	31	143	4733	5	81	<1	3	0.06	2.11	1.02	>5.00	0.93	0.12	0.02	0.40
1850N 2900E 2706	25	200	953	7	111	1	5	0.11	2.87	1.37	>5.00	1.93	0.14	0.05	0.36
1875N 2900E 2707	24	161	1335	4	89	1	7	0.10	2.51	0.84	>5.00	1.25	0.11	0.01	0.28
1900N 2900E 2708	19	230	871	4	52	3	5	0.29	2.36	0.70	>5.00	1.53	0.23	0.02	0.07
1925N 2900E 2709	26	206	967	2	72	1	5	0.23	2.93	0.62	>5.00	2.17	0.27	0.02	0.13
1950N 2900E 2710	35	141	624	4	138	1	4	0.07	2.86	0.71	>5.00	0.97	0.17	0.02	0.17
1975N 2900E 2711	26	225	894	<2	60	3	4	0.30	3.63	0.44	>5.00	3.25	0.65	0.02	0.13
2000N 2900E 2712	23	194	684	2	81	2	3	0.23	2.75	0.58	>5.00	2.08	0.24	0.02	0.17
2000N 3000E 2713	22	240	1746	5	36	1	8	0.19	2.60	0.51	>5.00	1.74	0.48	0.01	0.12
1975N 3000E 2714	12	218	2072	5	69	1	8	0.16	2.70	1.00	>5.00	2.13	0.75	0.02	0.23
1950N 3000E 2715	18	224	1286	7	48	2	8	0.21	2.76	1.10	>5.00	2.24	0.21	0.02	0.06
1925N 3000E 2716	27	149	395	3	86	2	3	0.14	2.07	0.76	>5.00	0.92	0.07	0.02	0.07
1900N 3000E 2717	39	120	278	4	338	1	6	0.01	4.55	1.12	>5.00	0.83	0.26	0.02	0.07
1875N 3000E 2718	46	161	994	4	166	<1	5	0.05	3.08	0.87	>5.00	1.02	0.19	0.02	0.16
1850N 3000E 2719	21	190	635	3	23	1	10	0.06	2.84	0.44	4.84	2.05	0.04	0.02	0.11
1825N 3000E 2720	28	139	658	4	111	1	4	0.07	2.37	0.45	>5.00	0.53	0.10	0.02	0.16
1800N 3000E 2721	18	195	675	2	114	2	6	0.04	3.63	0.77	>5.00	0.42	0.09	0.01	0.12
1775N 3000E 2722	14	125	747	3	155	1	4	0.03	2.67	0.54	4.85	0.34	0.12	0.02	0.17
1750N 3000E 2723	173	151	419	2	74	3	9	0.16	3.52	0.35	>5.00	2.05	0.17	0.01	0.07
1725N 3000E 2724	45	206	409	4	53	1	5	0.09	2.27	0.30	>5.00	0.91	0.09	0.01	0.11
1700N 3000E 2725	39	204	738	4	118	1	6	0.03	3.11	0.29	>5.00	0.77	0.09	0.02	0.15
1675N 3000E 2726	45	112	266	6	36	<1	3	0.07	1.55	0.40	3.46	0.52	0.07	0.01	0.05
1650N 3000E 2727	53	128	282	5	34	1	3	0.11	1.70	0.42	3.96	0.66	0.08	0.01	0.09
1625N 3000E 2728	58	167	314	5	63	1	4	0.19	1.84	0.47	4.82	1.00	0.22	0.02	0.15
1600N 3000E 2729	7	20	561	4	165	2	2	0.01	0.44	4.50	0.53	0.22	0.05	0.01	0.14
1575N 3000E 2730	54	123	1323	15	67	1	7	0.07	2.08	1.33	4.24	0.73	0.10	0.02	0.09
1550N 3000E 2731	52	155	2879	14	100	1	5	0.07	1.75	2.54	4.43	0.67	0.13	0.01	0.14
1500N 3000E 2733	35	98	174	5	27	<1	2	0.05	1.19	0.32	3.14	0.31	0.05	0.01	0.22
1475N 3000E 2734	28	54	5308	6	200	1	1	0.01	1.26	3.82	1.82	0.31	0.07	0.01	0.13
1450N 3000E 2735	37	79	197	5	113	1	2	0.06	0.98	2.44	2.37	0.36	0.06	0.01	0.07
1400N 3000E 2737	34	104	138	5	28	<1	1	0.05	1.09	0.35	3.08	0.29	0.05	0.01	0.10
1375N 3000E 2738	44	85	2249	6	152	1	1	0.03	1.01	3.81	2.41	0.51	0.08	0.02	0.14
1350N 3000E 2739	45	114	1285	9	66	2	4	0.11	1.38	1.44	3.84	0.53	0.08	0.01	0.05
1325N 3000E 2740	12	96	120	18	41	1	3	0.06	1.08	0.90	3.72	0.24	0.07	0.01	0.04
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1300N 3000E 2741	Soil	<5	0.2	37	<2	84	9	<5	<3	2	<10	<2	0.4	10	15	<5	94
1275N 3000E 2742	Soil	<5	0.1	93	<2	92	10	<5	<3	3	<10	<2	0.5	15	16	<5	114
1225N 2800E 2743	Soil	<5	0.5	259	<2	77	16	<5	<3	2	<10	<2	0.5	10	24	<5	109
1200N 2800E 2744	Soil	25	0.3	499	<2	70	33	<5	<3	3	<10	<2	0.5	17	23	<5	93
1175N 2800E 2745	Soil	<5	0.3	230	<2	70	15	<5	<3	3	<10	<2	0.5	16	28	<5	110
1150N 2800E 2746	Soil	<5	0.3	192	<2	44	12	<5	<3	3	<10	<2	0.5	11	23	<5	100
1125N 2800E 2747	Soil	<5	0.5	322	<2	62	17	<5	<3	3	<10	<2	0.6	14	29	<5	122
1100N 2800E 2748	Soil	<5	0.3	60	<2	61	67	<5	<3	2	<10	<2	0.5	11	19	<5	72
1075N 2800E 2749	Soil	<5	0.5	574	<2	66	690	<5	<3	4	<10	<2	0.7	17	30	<5	136
1050N 2800E 2750	Soil	<5	0.9	950	<2	62	561	<5	<3	5	<10	<2	1.3	16	44	<5	137
1025N 2800E 2751	Soil	<5	0.4	330	<2	73	494	<5	<3	4	<10	<2	0.6	18	27	<5	134
1000N 2800E 2752	Soil	5	0.2	136	2	59	613	<5	<3	3	<10	<2	0.7	14	20	<5	73
0975N 2800E 2753	Soil	<5	0.3	342	<2	68	839	<5	<3	4	<10	<2	0.3	22	26	<5	178
0950N 2800E 2754	Soil	<5	0.4	429	<2	48	376	<5	<3	4	<10	<2	0.4	15	22	<5	68
0925N 2800E 2755	Soil	<5	0.1	85	<2	47	123	<5	<3	2	<10	<2	0.4	12	18	<5	79
0900N 2800E 2756	Soil	<5	0.2	147	<2	45	205	<5	<3	4	<10	<2	0.4	10	14	<5	64
0875N 2800E 2757	Soil	<5	0.1	97	<2	57	14	<5	<3	2	<10	<2	0.5	15	20	<5	50
0850N 2800E 2758	Soil	<5	0.3	312	<2	73	432	<5	3	3	<10	<2	0.5	19	28	<5	83
0825N 2800E 2759	Soil	<5	0.2	136	<2	79	352	<5	<3	3	<10	<2	0.8	17	24	<5	102
0800N 2800E 2760	Soil	<5	0.1	50	<2	29	12	<5	<3	1	<10	<2	0.3	12	15	<5	35
0775N 2800E 2761	Soil	<5	0.5	624	<2	80	723	<5	<3	4	<10	<2	0.8	18	33	<5	117
0750N 2800E 2762	Soil	10	0.7	698	<2	46	324	<5	<3	3	<10	<2	0.2	7	22	<5	102
0725N 2800E 2763	Soil	20	0.4	345	<2	53	25	<5	<3	2	<10	<2	0.2	1	11	<5	75
0700N 2800E 2764	Soil	<5	0.7	537	<2	59	66	<5	<3	3	<10	<2	0.2	2	11	<5	103
0675N 2800E 2765	Soil	5	0.5	358	<2	44	86	<5	<3	5	<10	<2	0.4	5	14	<5	130
0650N 2800E 2766	Soil	5	0.3	502	<2	41	269	<5	<3	4	<10	<2	0.6	13	26	<5	141
0625N 2800E 2767	Soil	<5	0.2	260	<2	36	73	<5	<3	3	<10	<2	0.4	7	15	<5	136
0600N 2800E 2768	Soil	<5	0.3	138	<2	48	60	<5	<3	3	<10	<2	0.4	8	16	<5	69
0575N 2800E 2769	Soil	<5	0.1	55	<2	35	12	<5	<3	2	<10	<2	0.2	10	15	<5	61
0550N 2800E 2770	Soil	<5	0.2	73	<2	35	11	<5	<3	2	<10	<2	0.3	10	18	<5	69
0525N 2800E 2771	Soil	<5	0.2	42	<2	22	7	<5	<3	2	<10	<2	0.2	7	12	<5	36
0525N 2900E 2772	Soil	5	0.2	189	<2	53	26	<5	<3	3	<10	<2	0.1	8	25	<5	230
0550N 2900E 2773	Soil	5	0.5	148	<2	51	112	<5	<3	4	<10	<2	0.6	8	17	<5	178
0575N 2900E 2774	Soil	<5	0.3	237	<2	43	367	<5	<3	11	<10	<2	0.7	17	22	<5	187
0600N 2900E 2775	Soil	<5	0.3	259	<2	45	211	<5	<3	4	<10	<2	0.4	10	20	<5	124
0625N 2900E 2776	Soil	<5	0.4	360	<2	51	69	<5	<3	2	<10	<2	0.4	4	21	<5	136
0650N 2900E 2777	Soil	<5	0.5	447	<2	60	226	<5	<3	6	<10	<2	0.6	9	24	<5	153
0675N 2900E 2778	Soil	<5	0.3	280	2	55	66	<5	<3	3	<10	<2	<0.1	3	14	<5	115
0700N 2900E 2779	Soil	<5	0.3	350	<2	66	647	<5	<3	5	<10	<2	0.3	20	29	<5	159
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1300N 3000E 2741	32	109	291	6	28	1	2	0.09	1.42	0.51	4.10	0.42	0.12	0.01	0.19
1275N 3000E 2742	24	104	1314	9	45	1	4	0.05	2.03	0.81	4.72	0.73	0.18	0.01	0.30
1225N 2800E 2743	31	69	645	15	88	1	3	0.04	1.42	2.28	2.50	0.67	0.14	0.02	0.15
1200N 2800E 2744	40	134	1215	11	52	1	5	0.08	1.62	1.15	4.08	0.87	0.11	0.02	0.20
1175N 2800E 2745	41	133	470	8	82	1	4	0.10	1.86	1.89	3.90	0.82	0.15	0.02	0.10
1150N 2800E 2746	36	97	225	6	78	1	4	0.09	1.51	1.51	2.88	0.60	0.09	0.02	0.05
1125N 2800E 2747	48	101	805	9	84	1	3	0.06	1.48	2.03	3.36	0.65	0.10	0.02	0.13
1100N 2800E 2748	46	125	337	4	32	1	3	0.10	0.91	0.62	3.66	0.55	0.11	0.02	0.12
1075N 2800E 2749	46	141	989	15	76	1	6	0.07	2.21	1.58	4.72	0.95	0.12	0.02	0.15
1050N 2800E 2750	40	109	1639	11	84	1	4	0.05	1.50	1.93	3.63	0.59	0.08	0.02	0.13
1025N 2800E 2751	47	142	777	8	55	1	5	0.10	1.92	1.08	4.31	0.75	0.08	0.02	0.08
1000N 2800E 2752	47	166	273	5	42	1	4	0.13	1.74	0.61	4.84	0.68	0.08	0.02	0.05
0975N 2800E 2753	48	184	484	9	56	2	7	0.18	2.41	0.76	>5.00	1.03	0.10	0.02	0.09
0950N 2800E 2754	52	118	840	19	62	1	2	0.05	1.60	1.45	3.38	0.65	0.08	0.02	0.18
0925N 2800E 2755	57	128	269	6	34	1	3	0.13	1.27	0.68	3.72	0.68	0.12	0.02	0.13
0900N 2800E 2756	40	98	590	4	60	<1	2	0.06	0.95	1.44	2.63	0.48	0.07	0.02	0.07
0875N 2800E 2757	51	121	404	8	31	1	3	0.12	1.27	0.73	3.74	0.86	0.12	0.03	0.27
0850N 2800E 2758	58	141	1017	8	49	1	4	0.12	1.82	1.07	4.35	0.97	0.13	0.03	0.15
0825N 2800E 2759	49	233	383	3	35	2	4	0.21	2.01	0.62	>5.00	0.91	0.11	0.02	0.16
0800N 2800E 2760	43	114	256	6	33	1	2	0.12	1.11	0.60	3.36	0.69	0.12	0.03	0.15
0775N 2800E 2761	50	154	1275	14	80	1	5	0.10	1.83	2.03	4.54	0.81	0.12	0.02	0.11
0750N 2800E 2762	21	50	663	19	137	1	1	0.02	1.15	4.12	1.67	0.40	0.06	0.02	0.14
0725N 2800E 2763	6	20	218	7	151	1	<1	<0.01	0.35	4.69	0.30	0.20	0.02	0.01	0.10
0700N 2800E 2764	11	25	447	13	158	2	1	0.01	0.65	4.81	0.51	0.22	0.03	0.01	0.17
0675N 2800E 2765	17	20	634	13	147	1	1	0.01	0.90	3.90	1.07	0.24	0.02	0.02	0.13
0650N 2800E 2766	43	70	1006	8	111	1	2	0.03	1.26	2.50	2.51	0.52	0.07	0.02	0.14
0625N 2800E 2767	34	45	1307	8	100	1	2	0.01	0.84	2.35	1.47	0.30	0.05	0.02	0.16
0600N 2800E 2768	28	70	491	5	101	<1	1	0.04	1.12	2.25	2.13	0.37	0.04	0.02	0.09
0575N 2800E 2769	49	96	266	6	32	<1	2	0.06	1.32	0.49	2.76	0.52	0.06	0.02	0.08
0550N 2800E 2770	41	118	227	6	31	1	2	0.07	1.25	0.51	3.19	0.47	0.05	0.01	0.06
0525N 2800E 2771	25	82	228	8	31	<1	2	0.05	0.69	0.50	2.39	0.35	0.03	0.01	0.12
0525N 2900E 2772	41	59	576	14	75	1	3	0.03	2.28	1.42	1.86	0.68	0.09	0.02	0.15
0550N 2900E 2773	29	71	1795	14	79	1	2	0.02	1.38	1.45	2.17	0.41	0.05	0.02	0.17
0575N 2900E 2774	32	101	3683	8	79	<1	2	0.03	1.33	1.46	3.57	0.52	0.07	0.02	0.13
0600N 2900E 2775	31	85	600	11	75	<1	2	0.03	1.34	1.43	2.68	0.57	0.07	0.02	0.16
0625N 2900E 2776	13	28	477	7	154	1	1	0.01	0.76	3.68	1.10	0.31	0.03	0.01	0.18
0650N 2900E 2777	22	54	1588	11	148	1	1	0.01	1.04	3.35	1.86	0.36	0.04	0.01	0.19
0675N 2900E 2778	9	22	311	9	156	1	1	0.01	0.68	3.99	0.75	0.26	0.04	0.01	0.12
0700N 2900E 2779	42	167	997	8	78	1	6	0.11	2.20	1.56	>5.00	1.27	0.18	0.02	0.12
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
0725N 2900E 2780	Soil	<5	0.5	653	<2	49	366	<5	<3	4	<10	<2	0.7	10	30	<5	143
0750N 2900E 2781	Soil	<5	0.3	457	<2	62	704	5	<3	4	<10	<2	1.0	20	32	<5	127
0775N 2900E 2782	Soil	<5	0.2	335	<2	66	548	<5	<3	4	<10	<2	0.6	17	27	<5	134
0800N 2900E 2783	Soil	<5	0.5	912	<2	100	599	<5	<3	5	<10	<2	1.2	21	43	<5	128
0825N 2900E 2784	Soil	<5	0.2	460	<2	71	452	<5	<3	4	<10	<2	0.9	19	30	<5	145
0850N 2900E 2785	Soil	<5	0.4	396	<2	44	264	<5	<3	3	<10	<2	0.3	10	23	<5	141
0875N 2900E 2786	Soil	<5	<0.1	227	<2	52	250	<5	<3	3	<10	<2	0.4	14	26	<5	89
1100N 2000E 2787	Soil	<5	<0.1	86	8	49	25	<5	<3	3	<10	<2	0.6	22	16	<5	59
1075N 2000E 2788	Soil	<5	<0.1	169	<2	75	25	<5	<3	4	<10	<2	0.3	35	21	<5	76
1050N 2000E 2789	Soil	<5	<0.1	88	<2	152	15	<5	<3	2	<10	<2	0.4	28	15	<5	89
1025N 2000E 2790	Soil	5	<0.1	48	<2	36	8	<5	<3	2	<10	<2	0.2	10	15	<5	50
1000N 2000E 2791	Soil	5	0.2	168	<2	42	10	<5	<3	2	<10	<2	0.5	13	22	<5	57
0975N 2000E 2792	Soil	<5	<0.1	19	2	31	6	<5	<3	2	<10	<2	0.3	7	11	<5	41
0950N 2000E 2793	Soil	20	<0.1	43	<2	38	7	<5	<3	2	<10	<2	0.4	9	15	<5	62
0925N 2000E 2794	Soil	<5	0.5	812	<2	87	19	<5	<3	4	<10	<2	0.4	20	50	<5	151
0900N 2000E 2795	Soil	<5	<0.1	168	2	83	13	5	<3	5	<10	<2	0.4	30	39	<5	109
0875N 2000E 2796	Soil	<5	0.1	74	<2	51	11	<5	<3	5	<10	<2	0.5	20	32	<5	71
0850N 2000E 2797	Soil	<5	<0.1	531	3	46	8	<5	<3	4	<10	<2	0.3	15	19	<5	45
0825N 2000E 2798	Soil	<5	<0.1	265	<2	42	10	<5	<3	4	<10	<2	0.2	13	21	<5	45
0800N 2000E 2799	Soil	<5	<0.1	526	<2	59	14	<5	<3	4	<10	<2	0.1	19	24	<5	57
0775N 2000E 2800	Soil	<5	0.3	106	2	65	7	<5	<3	7	<10	<2	0.2	16	16	<5	70
0750N 2000E 2801	Soil	<5	0.2	194	3	63	10	<5	<3	4	<10	<2	0.4	17	24	<5	57
1475N 3100E 3001	Soil	5	<0.1	25	3	29	10	<5	<3	1	<10	3	0.2	7	11	<5	42
1450N 3100E 3002	Soil	<5	0.6	498	<2	100	19	7	<3	31	<10	<2	0.3	41	72	<5	328
1425N 3100E 3003	Soil	<5	0.1	42	<2	33	12	<5	<3	1	<10	<2	0.1	7	14	<5	51
1400N 3100E 3004	Soil	<5	0.1	10	5	34	<5	<5	<3	2	<10	<2	0.2	4	5	<5	53
1375N 3100E 3005	Soil	<5	<0.1	84	<2	40	8	<5	<3	13	<10	<2	0.5	7	8	<5	74
1350N 3100E 3006	Soil	<5	0.1	35	<2	42	8	<5	<3	2	<10	<2	0.4	8	11	<5	27
1325N 3100E 3007	Soil	<5	<0.1	117	<2	51	14	<5	<3	5	<10	<2	0.3	20	19	<5	72
1300N 3100E 3008	Soil	<5	<0.1	99	4	85	13	<5	<3	6	<10	<2	0.3	11	12	<5	80
1275N 3100E 3009	Soil	<5	<0.1	57	3	128	6	<5	<3	4	<10	<2	0.3	15	12	<5	166
1225N 2700E 3010	Soil	<5	<0.1	37	<2	69	12	<5	<3	1	<10	<2	0.5	10	15	<5	42
1200N 2900E 3011	Soil	<5	<0.1	47	<2	60	15	<5	<3	2	<10	<2	0.2	10	21	<5	79
1175N 2900E 3012	Soil	25	0.2	43	<2	38	11	<5	<3	1	<10	<2	0.2	7	14	<5	61
1150N 2900E 3013	Soil	<5	<0.1	54	<2	44	13	<5	<3	1	<10	<2	0.1	9	17	<5	64
1125N 2900E 3014	Soil	<5	0.2	53	<2	38	11	<5	<3	1	<10	<2	0.2	10	18	<5	69
1100N 2900E 3015	Soil	<5	0.1	32	<2	55	9	<5	<3	1	<10	<2	0.3	9	15	<5	43
1075N 2900E 3016	Soil	<5	0.1	67	<2	80	12	<5	<3	2	<10	<2	<0.1	10	14	<5	289
1050N 2900E 3017	Soil	10	0.1	20	3	68	6	<5	<3	1	<10	<2	0.3	6	7	<5	108
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
0725N 2900E 2780	35	91	863	14	109	2	2	0.02	1.59	2.45	2.78	0.48	0.06	0.02	0.22
0750N 2900E 2781	48	146	1273	11	70	1	5	0.07	2.22	1.33	4.88	0.93	0.10	0.02	0.13
0775N 2900E 2782	50	151	1142	11	67	1	5	0.08	2.04	1.35	4.73	0.96	0.16	0.02	0.16
0800N 2900E 2783	74	202	1297	14	75	1	5	0.09	2.00	1.51	>5.00	0.73	0.10	0.02	0.10
0825N 2900E 2784	52	160	958	13	71	1	5	0.10	2.37	1.31	4.88	0.86	0.09	0.02	0.10
0850N 2900E 2785	37	107	656	11	90	<1	2	0.04	1.76	1.87	3.22	0.63	0.07	0.02	0.14
0875N 2900E 2786	50	143	378	7	47	<1	4	0.10	1.93	0.85	4.32	0.70	0.08	0.01	0.07
1100N 2000E 2787	17	190	355	7	105	1	3	0.14	1.53	0.59	4.72	0.78	0.11	0.02	0.17
1075N 2000E 2788	30	313	460	5	36	2	6	0.39	2.71	0.37	>5.00	1.46	0.42	0.02	0.12
1050N 2000E 2789	15	241	468	2	56	4	4	0.38	2.56	0.39	>5.00	1.42	0.24	0.03	0.12
1025N 2000E 2790	44	115	210	5	35	<1	2	0.10	1.02	0.49	3.17	0.52	0.09	0.02	0.13
1000N 2000E 2791	52	132	727	7	49	1	4	0.08	1.34	0.75	3.49	0.54	0.09	0.02	0.07
0975N 2000E 2792	32	105	148	5	46	<1	2	0.08	0.91	0.38	2.93	0.25	0.05	0.01	0.08
0950N 2000E 2793	51	128	162	5	33	<1	2	0.09	0.95	0.38	3.43	0.36	0.09	0.01	0.12
0925N 2000E 2794	67	125	808	17	118	3	10	0.11	2.47	2.35	4.31	1.25	0.28	0.03	0.13
0900N 2000E 2795	105	156	575	4	55	1	4	0.20	2.64	0.55	>5.00	1.70	0.51	0.02	0.16
0875N 2000E 2796	74	153	277	4	26	1	4	0.11	1.82	0.35	4.97	0.90	0.18	0.01	0.07
0850N 2000E 2797	46	143	412	11	19	1	4	0.17	1.43	0.79	4.30	1.08	0.20	0.03	0.32
0825N 2000E 2798	50	134	311	5	30	1	3	0.11	1.37	0.52	3.82	0.59	0.10	0.01	0.10
0800N 2000E 2799	38	168	262	8	40	1	4	0.21	2.04	0.83	>5.00	0.86	0.21	0.01	0.13
0775N 2000E 2800	28	170	200	4	19	2	3	0.33	1.45	0.24	>5.00	0.67	0.43	0.01	0.10
0750N 2000E 2801	52	189	222	4	15	2	4	0.33	1.65	0.34	>5.00	0.84	0.22	0.02	0.32
1475N 3100E 3001	31	95	141	5	36	1	2	0.08	1.17	0.34	2.54	0.26	0.05	0.01	0.07
1450N 3100E 3002	99	191	4282	22	132	1	14	0.12	>5.00	1.28	>5.00	1.93	0.37	0.02	0.09
1425N 3100E 3003	33	95	168	6	30	1	2	0.07	1.58	0.34	2.86	0.36	0.05	0.01	0.11
1400N 3100E 3004	12	57	274	5	23	<1	1	0.07	0.57	0.19	1.81	0.13	0.05	0.01	0.03
1375N 3100E 3005	10	100	142	3	24	1	2	0.08	1.03	0.10	4.37	0.12	0.03	0.01	0.03
1350N 3100E 3006	27	114	195	3	28	<1	2	0.05	1.23	0.35	3.75	0.47	0.06	0.01	0.05
1325N 3100E 3007	37	119	765	10	37	1	6	0.09	1.88	0.53	4.33	0.76	0.09	0.01	0.06
1300N 3100E 3008	19	94	587	15	61	<1	4	0.04	2.13	0.72	4.01	0.62	0.07	0.01	0.09
1275N 3100E 3009	23	92	656	8	285	1	3	0.11	1.85	0.55	3.25	0.56	0.09	0.01	0.05
1225N 2700E 3010	47	117	185	7	29	1	2	0.07	1.41	0.48	3.36	0.44	0.06	0.01	0.20
1200N 2900E 3011	44	114	187	6	30	1	3	0.08	2.41	0.32	3.89	0.49	0.05	0.01	0.17
1175N 2900E 3012	32	86	176	6	29	<1	3	0.07	1.48	0.29	2.76	0.42	0.05	0.01	0.10
1150N 2900E 3013	36	90	198	7	30	1	2	0.08	1.63	0.38	2.92	0.50	0.06	0.01	0.18
1125N 2900E 3014	37	97	223	7	30	1	3	0.08	1.36	0.43	2.97	0.58	0.07	0.01	0.16
1100N 2900E 3015	39	108	189	5	33	1	2	0.06	1.31	0.46	3.36	0.43	0.06	0.01	0.19
1075N 2900E 3016	21	80	228	6	233	1	3	0.06	1.91	0.54	3.31	0.64	0.06	0.01	0.18
1050N 2900E 3017	14	84	194	4	49	1	2	0.08	0.91	0.28	2.68	0.26	0.04	0.01	0.06
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1025N 2900E 3018	Soil	<5	<0.1	29	3	50	5	<5	<3	3	<10	<2	0.3	13	5	<5	49
1000N 2900E 3019	Soil	<5	0.1	25	<2	47	10	<5	<3	2	<10	<2	0.3	8	12	<5	34
0975N 2900E 3020	Soil	<5	0.1	43	<2	29	10	<5	<3	1	<10	<2	0.2	7	13	<5	67
0950N 2900E 3021	Soil	5	0.1	9	2	22	7	<5	<3	<1	<10	<2	0.1	4	6	<5	69
0925N 2900E 3022	Soil	<5	0.2	20	<2	44	8	<5	<3	1	<10	<2	0.2	7	12	<5	50
0900N 2900E 3023	Soil	5	0.6	617	<2	52	196	<5	<3	4	<10	<2	0.4	13	35	<5	181
3215	Silt	<5	<0.1	285	3	102	123	<5	<3	4	<10	<2	1.1	27	63	<5	148
3223	Silt	<5	0.2	462	7	116	203	5	<3	6	<10	<2	1.5	36	87	<5	202
Minimum Detection		5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1025N 2900E 3018	19	77	918	7	20	<1	3	0.11	1.05	0.46	3.63	0.70	0.09	0.03	0.15
1000N 2900E 3019	41	117	191	4	25	<1	2	0.06	1.10	0.30	3.24	0.30	0.05	0.01	0.16
0975N 2900E 3020	39	113	143	5	25	<1	2	0.06	1.03	0.31	3.17	0.33	0.04	0.01	0.13
0950N 2900E 3021	18	65	89	4	26	1	1	0.06	0.80	0.22	1.76	0.15	0.03	0.01	0.07
0925N 2900E 3022	31	93	151	4	24	<1	2	0.05	1.00	0.27	2.96	0.30	0.04	0.01	0.18
0900N 2900E 3023	48	126	616	14	80	1	5	0.06	2.52	1.62	4.20	0.72	0.11	0.02	0.09
3215	54	106	1089	9	19	1	9	0.01	1.18	0.49	>5.00	0.60	0.12	0.01	0.15
3223	36	104	1337	11	26	1	10	<0.01	1.17	0.61	>5.00	0.42	0.09	0.01	0.15
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	5.00	5.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Au oz/st	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm
01351	Pulp	--	0.397	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01353	Rock	10	--	<0.1	171	<2	26	11	<5	<3	2	<10	<2	0.1	19	8	<5
01401	Rock	5	--	0.1	70	6	17	12	<5	<3	3	<10	<2	<0.1	11	5	<5
01402	Rock	5	--	0.1	44	<2	25	18	<5	<3	4	<10	<2	0.2	9	14	<5
01403	Rock	5	--	0.2	148	<2	75	7	<5	<3	3	<10	<2	0.5	20	24	<5
Minimum Detection		5	0.005	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5
Maximum Detection		10000	1000.000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Ba ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
01351	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01353	52	26	201	346	7	62	4	2	0.23	1.85	1.75	4.61	0.73	0.21	0.05	0.21
01401	42	76	21	231	4	21	2	1	0.06	0.44	0.54	1.14	0.26	0.13	0.06	0.05
01402	48	103	27	479	4	11	1	3	<0.01	0.65	0.19	2.20	0.08	0.09	0.01	0.05
01403	72	89	169	722	8	35	1	7	0.06	1.10	0.71	4.75	0.85	0.29	0.05	0.30
Minimum Detection	2	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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APPENDIX II

Drilling Geochem Results

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Sample Name	Type	SmplWt Kg	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm
01354A	Rock	0.7	8	<0.1	58	6	53	340	<5	<3	1	<10	<2	0.3	15	13	<5
01355A	Rock	0.6	4	<0.1	69	7	54	181	<5	<3	<1	<10	<2	0.5	20	11	<5
01751	Core	3.2	10	0.2	212	4	57	11	<5	<3	3	<10	<2	0.3	19	30	<5
01752	Core	4.1	14	<0.1	215	3	44	13	<5	<3	3	<10	<2	0.3	20	32	<5
01753	Core	4.1	4	0.1	210	2	35	11	<5	<3	3	<10	<2	0.3	20	32	<5
01754	Core	1.4	4	0.1	188	<2	35	10	5	<3	3	<10	<2	0.4	20	33	<5
01755	Core	4.5	<2	0.1	204	<2	38	21	5	<3	3	<10	<2	0.4	21	34	<5
01756	Core	5.9	4	0.1	197	<2	35	12	5	<3	4	<10	<2	0.3	20	32	<5
01757	Core	5.9	4	<0.1	189	<2	38	10	<5	<3	3	<10	<2	0.4	19	31	<5
01758	Core	5.9	2	<0.1	205	<2	36	10	<5	<3	3	<10	<2	0.3	19	30	<5
01759	Core	4.1	4	<0.1	199	<2	38	27	6	<3	3	<10	<2	0.3	19	30	<5
01760	Core	6.8	2	0.1	197	<2	38	48	6	<3	3	<10	<2	0.3	17	25	<5
01761	Core	5.4	4	<0.1	187	<2	43	41	7	<3	3	<10	<2	0.4	18	29	<5
01762	Core	6.8	2	<0.1	150	<2	42	185	12	<3	4	<10	<2	0.3	19	30	<5
01763	Core	6.8	2	0.1	187	<2	43	189	11	<3	4	<10	<2	0.3	19	29	<5
01764	Core	5.4	4	0.1	224	<2	41	11	7	<3	3	<10	<2	0.2	20	30	<5
01765	Core	5.4	2	<0.1	121	<2	34	186	11	<3	3	<10	<2	0.1	19	32	<5
01766	Core	5.4	2	<0.1	151	2	37	29	<5	<3	3	<10	<2	0.2	18	29	<5
01767	Core	5.4	4	0.1	191	<2	48	19	9	<3	3	<10	<2	0.3	21	32	<5
01768	Core	4.1	4	<0.1	98	<2	30	104	10	<3	2	<10	<2	0.3	17	25	<5
01769	Core	4.1	4	0.1	214	<2	46	286	19	<3	5	<10	<2	0.4	19	28	<5
01770	Core	6.8	2	<0.1	262	<2	39	375	22	<3	5	<10	<2	0.3	15	17	<5
01771	Core	6.8	4	<0.1	358	3	38	88	10	<3	3	<10	<2	0.3	15	12	<5
01772	Core	6.4	2	<0.1	264	<2	39	77	9	<3	4	<10	<2	0.3	11	5	<5
01773	Core	6.4	4	<0.1	200	<2	21	116	10	<3	3	<10	<2	0.2	11	5	<5
01774	Core	4.5	6	<0.1	295	<2	18	38	<5	<3	3	<10	<2	0.2	13	9	<5
01775	Core	6.4	4	0.1	299	<2	39	26	<5	<3	3	<10	<2	0.4	21	18	<5
01776	Core	8.6	2	0.1	137	<2	39	290	17	<3	4	<10	<2	0.3	17	24	<5
01777	Core	8.6	4	<0.1	211	<2	39	26	7	<3	3	<10	<2	0.4	14	15	<5
01778	Core	5.9	4	<0.1	238	5	42	44	7	<3	4	<10	<2	0.2	10	6	<5
01779	Core	5.9	2	0.1	81	<2	20	40	5	<3	3	<10	<2	0.4	15	13	<5
Minimum Detection		0.1	2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5
Maximum Detection		100.0	10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000
Method		Spec	FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 9100375 R Kookaburra Gold Corp. Project: COL Page 1 of 1 Section 2 of 2

Sample Name	Ba ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
01354A	62	71	94	203	5	41	2	6	0.10	1.70	0.63	3.29	0.73	0.32	0.06	0.05
01355A	66	10	125	434	7	209	4	4	0.17	2.45	1.90	3.38	1.26	0.32	0.11	0.17
01751	67	99	157	421	8	41	6	2	0.22	1.14	0.90	3.98	1.35	0.65	0.08	0.21
01752	42	81	156	484	7	45	7	2	0.20	1.41	1.59	4.17	1.49	0.38	0.08	0.22
01753	63	85	158	384	7	42	6	2	0.21	1.29	1.32	4.03	1.38	0.59	0.09	0.21
01754	60	87	157	356	7	36	6	2	0.21	1.30	1.18	3.98	1.36	0.48	0.08	0.21
01755	61	88	165	470	7	53	8	4	0.23	1.35	1.20	4.25	1.65	0.59	0.09	0.21
01756	67	90	165	414	7	48	7	3	0.23	1.28	1.19	4.10	1.45	0.67	0.10	0.21
01757	63	87	153	382	7	47	5	2	0.22	1.33	1.20	3.92	1.34	0.60	0.11	0.21
01758	44	83	158	425	7	43	7	2	0.22	1.30	1.40	3.98	1.33	0.43	0.08	0.21
01759	41	75	153	423	8	47	6	2	0.20	1.20	1.32	3.93	1.37	0.45	0.08	0.21
01760	35	67	138	381	8	47	6	2	0.18	1.17	1.37	3.57	1.26	0.35	0.08	0.21
01761	36	77	143	410	8	51	5	3	0.20	1.32	1.58	3.79	1.39	0.33	0.08	0.21
01762	36	76	138	540	8	71	6	5	0.17	1.38	2.42	3.98	1.58	0.42	0.07	0.20
01763	36	72	144	539	8	65	6	6	0.17	1.42	3.01	4.19	1.66	0.44	0.06	0.20
01764	47	85	158	460	8	49	6	4	0.21	1.34	1.50	4.16	1.68	0.52	0.09	0.21
01765	29	84	141	447	9	64	5	4	0.22	1.51	2.51	4.00	1.62	0.27	0.09	0.22
01766	27	82	144	418	9	52	6	3	0.23	1.32	1.59	3.96	1.43	0.24	0.09	0.23
01767	52	94	165	488	10	57	6	5	0.26	1.47	1.68	4.39	1.68	0.61	0.10	0.22
01768	31	82	129	432	9	71	5	5	0.20	1.35	2.56	3.69	1.45	0.29	0.09	0.23
01769	47	87	146	462	9	60	6	4	0.21	1.29	2.00	4.26	1.43	0.59	0.10	0.22
01770	38	47	129	369	9	48	5	3	0.21	1.05	2.40	3.83	0.95	0.52	0.09	0.23
01771	34	34	133	367	11	42	4	3	0.19	1.13	1.72	3.79	1.01	0.36	0.09	0.27
01772	22	19	124	336	10	30	3	3	0.16	0.90	1.45	3.46	0.65	0.47	0.09	0.25
01773	19	19	96	265	10	43	4	2	0.13	0.92	1.72	3.24	0.63	0.26	0.09	0.22
01774	59	23	111	250	9	53	4	3	0.21	0.98	1.44	2.77	0.81	0.40	0.10	0.20
01775	63	36	198	436	12	51	2	4	0.29	1.56	1.86	4.71	1.51	0.69	0.09	0.33
01776	24	69	137	502	8	58	6	6	0.17	1.29	2.86	4.00	1.41	0.29	0.06	0.20
01777	26	39	138	486	11	44	4	6	0.12	1.41	2.38	4.41	1.27	0.36	0.07	0.25
01778	22	21	113	314	11	27	4	2	0.17	0.82	1.16	3.38	0.61	0.48	0.09	0.23
01779	66	19	140	253	14	44	2	3	0.20	1.17	1.55	3.76	1.09	0.49	0.10	0.34
Minimum Detection	2	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1780	Core	4	0.3	147	3	41	189	14	<3	4	<10	<2	0.3	17	23	<5	29
1781	Core	4	0.2	188	<2	38	101	8	<3	3	<10	<2	0.2	17	25	<5	42
1782	Core	2	<0.1	157	<2	35	11	<5	<3	4	<10	<2	0.3	14	18	<5	29
1783	Core	8	0.2	210	<2	49	5	<5	<3	2	<10	<2	0.2	21	35	<5	23
1784	Core	4	<0.1	259	4	34	5	<5	<3	3	<10	<2	0.2	12	8	<5	13
1785	Core	20	0.1	502	4	28	<5	<5	<3	3	<10	<2	0.2	11	10	<5	15
1786	Core	18	0.1	430	<2	44	5	<5	<3	4	<10	<2	0.3	18	24	<5	27
1787	Core	160	0.1	1142	<2	36	5	5	<3	3	<10	<2	0.4	15	15	<5	26
1788	Core	2	0.1	226	<2	42	5	<5	<3	4	<10	3	0.3	16	23	<5	37
1789	Core	4	0.2	196	<2	43	17	<5	<3	3	<10	<2	0.3	21	34	<5	47
1790	Core	6	0.2	243	<2	44	17	5	<3	4	<10	<2	0.3	16	23	<5	29
1791	Core	2	0.1	316	6	37	12	5	<3	5	<10	<2	0.3	13	11	<5	25
1792	Core	2	0.2	371	3	48	513	25	<3	7	<10	<2	0.3	15	15	<5	22
1793	Core	2	0.2	308	4	39	73	6	<3	6	<10	<2	0.3	15	13	<5	37
1794	Core	<2	0.2	301	5	38	98	8	<3	5	<10	<2	0.2	14	10	<5	31
1795	Core	<2	<0.1	269	5	40	41	5	<3	6	<10	<2	0.4	13	8	<5	20
1796	Core	2	0.1	319	2	41	51	7	<3	5	<10	<2	0.3	12	10	<5	17
1797	Core	2	0.2	433	<2	52	56	7	<3	5	<10	<2	0.3	19	19	<5	42
1798	Core	4	0.2	351	<2	48	57	5	<3	5	<10	<2	0.3	20	23	<5	40
1799	Core	4	0.3	431	3	51	23	6	<3	5	<10	<2	0.4	20	21	<5	42
1800	Core	6	0.2	355	<2	44	27	6	<3	6	<10	<2	0.4	20	22	<5	40
1801	Core	4	0.2	244	<2	35	25	<5	<3	5	<10	<2	0.4	17	22	<5	36
1802	Core	6	0.1	183	<2	33	50	7	<3	3	<10	<2	0.4	20	32	<5	40
1803	Core	4	0.1	91	<2	28	102	8	<3	4	<10	<2	0.4	19	33	<5	39
1804	Core	4	0.2	221	<2	38	98	7	<3	5	<10	<2	0.3	20	28	<5	58
1805	Core	4	0.2	242	<2	40	33	6	<3	4	<10	<2	0.3	19	28	<5	40
1806	Core	6	0.1	161	<2	32	40	8	<3	3	<10	<2	0.3	20	36	<5	41
1807	Core	4	0.1	155	<2	34	42	7	<3	3	<10	<2	0.3	21	36	<5	39
1808	Core	6	0.2	164	<2	40	29	5	<3	3	<10	<2	0.3	20	33	<5	29
1809	Core	8	0.1	141	<2	35	10	6	<3	3	<10	<2	0.5	20	37	<5	30
1810	Core	4	0.2	156	<2	37	8	6	<3	3	<10	<2	0.5	19	30	<5	53
1811	Core	2	<0.1	141	<2	34	9	6	<3	3	<10	<2	0.4	18	28	<5	34
1812	Core	4	<0.1	125	<2	35	5	5	<3	4	<10	<2	0.3	19	33	<5	37
1813	Core	6	0.2	158	<2	26	5	5	<3	3	<10	<2	0.3	20	32	<5	55
1814	Core	4	0.2	258	<2	30	6	<5	<3	4	<10	<2	0.3	14	13	<5	51
1815	Core	2	<0.1	249	2	29	6	<5	<3	4	<10	<2	0.3	10	8	<5	34
1816	Core	4	0.1	158	6	36	9	<5	<3	5	<10	<2	0.2	12	10	<5	58
1817	Core	4	0.1	247	5	43	9	5	<3	5	<10	<2	0.2	13	11	<5	43
1818	Core	2	0.1	148	4	46	6	5	<3	4	<10	2	0.2	11	10	<5	32
Minimum Detection		2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 9100381 R Kookaburra Gold Corp. Project: COL Page 1 of 3 Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1780	83	142	425	8	55	5	4	0.19	1.13	2.52	3.73	1.14	0.37	0.07	0.21
1781	84	144	387	8	46	6	3	0.21	1.13	2.00	3.62	1.15	0.46	0.08	0.20
1782	68	124	280	10	36	5	2	0.19	1.06	1.18	3.62	0.86	0.23	0.08	0.25
1783	106	159	622	9	53	6	7	0.20	1.71	2.88	4.43	1.74	0.20	0.06	0.21
1784	42	103	345	9	30	8	4	0.19	1.07	1.64	3.06	0.82	0.34	0.08	0.18
1785	32	90	448	9	40	7	4	0.18	0.98	2.59	2.72	0.75	0.29	0.07	0.17
1786	74	139	503	8	46	7	5	0.22	1.51	2.02	3.87	1.47	0.43	0.07	0.19
1787	52	123	364	9	47	7	5	0.14	1.18	1.36	3.49	1.07	0.40	0.07	0.19
1788	65	127	462	9	57	7	5	0.16	1.13	1.78	3.67	1.23	0.42	0.08	0.18
1789	104	153	606	8	68	7	6	0.19	1.49	2.23	4.25	1.84	0.50	0.08	0.18
1790	73	135	517	10	47	6	5	0.18	1.27	2.02	3.87	1.37	0.40	0.08	0.20
1791	37	126	337	12	36	5	3	0.20	0.99	1.29	3.24	0.79	0.47	0.08	0.26
1792	31	150	512	13	64	5	4	0.13	1.22	2.35	4.25	0.98	0.37	0.07	0.35
1793	36	142	360	11	37	5	3	0.25	1.19	1.40	3.41	0.96	0.66	0.08	0.30
1794	34	131	350	11	34	5	2	0.24	1.09	1.47	3.29	0.88	0.60	0.07	0.28
1795	29	130	311	12	28	5	2	0.21	0.96	1.10	3.24	0.73	0.57	0.08	0.23
1796	38	115	436	11	44	5	4	0.15	0.91	1.54	3.43	0.71	0.41	0.07	0.21
1797	50	174	429	13	30	5	3	0.32	1.27	1.44	4.09	1.20	1.01	0.09	0.34
1798	61	185	393	12	35	4	3	0.28	1.29	1.62	4.15	1.37	0.94	0.08	0.33
1799	51	184	410	13	32	4	3	0.29	1.36	1.50	4.21	1.34	1.00	0.08	0.36
1800	51	176	414	13	45	5	3	0.29	1.54	1.80	4.34	1.35	0.83	0.09	0.37
1801	61	146	342	9	38	5	3	0.22	1.26	1.60	3.64	1.21	0.52	0.08	0.27
1802	88	163	361	7	46	6	3	0.19	1.39	1.63	3.96	1.46	0.36	0.07	0.23
1803	92	148	346	6	47	6	3	0.20	1.42	1.69	3.83	1.46	0.38	0.07	0.19
1804	75	164	391	10	47	6	3	0.27	1.34	1.82	3.97	1.37	0.75	0.09	0.26
1805	79	158	424	9	46	5	4	0.23	1.47	1.93	4.01	1.54	0.60	0.07	0.24
1806	100	163	454	7	51	5	5	0.17	1.69	2.29	4.22	1.84	0.38	0.07	0.21
1807	99	165	477	7	53	6	5	0.21	1.62	2.44	4.17	1.83	0.41	0.07	0.21
1808	85	159	442	8	44	7	3	0.21	1.39	2.12	3.98	1.57	0.25	0.07	0.20
1809	103	157	436	6	72	6	3	0.20	1.38	1.36	4.08	1.62	0.29	0.06	0.21
1810	80	152	378	7	74	6	2	0.21	1.24	1.52	3.68	1.28	0.52	0.09	0.20
1811	81	138	337	8	38	6	2	0.21	1.22	1.31	3.61	1.26	0.30	0.08	0.18
1812	99	153	409	6	52	5	4	0.19	1.42	1.98	3.95	1.60	0.36	0.06	0.20
1813	90	168	371	7	117	6	3	0.22	1.28	1.31	4.10	1.45	0.54	0.08	0.20
1814	27	115	343	10	49	3	3	0.20	1.20	1.53	3.24	1.00	0.32	0.08	0.21
1815	38	67	348	8	30	2	2	0.13	0.93	1.13	2.76	0.69	0.22	0.06	0.13
1816	23	84	343	9	34	3	2	0.20	1.05	1.01	3.00	0.77	0.35	0.09	0.16
1817	40	85	393	8	37	2	3	0.17	1.16	1.28	3.19	0.90	0.26	0.07	0.17
1818	20	67	446	8	32	2	3	0.04	1.43	2.12	3.20	1.12	0.21	0.06	0.15
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1819	Core	2	0.2	274	5	45	17	5	<3	5	<10	<2	0.3	13	10	<5	45
1820	Core	2	0.1	307	2	38	47	5	<3	5	<10	<2	0.3	13	8	<5	45
1821	Core	68	0.6	6347	4	40	106	10	<3	5	<10	<2	0.5	24	15	<5	32
1822	Core	46	0.2	1500	<2	30	35	7	<3	4	<10	<2	0.5	23	26	<5	53
1823	Core	4	0.2	336	<2	43	78	7	<3	4	<10	<2	0.3	20	26	<5	25
1824	Core	2	0.2	271	4	46	80	7	<3	6	<10	<2	0.3	14	7	<5	61
1825	Core	2	0.2	167	<2	41	7	<5	<3	4	<10	<2	0.4	20	30	<5	73
1826	Core	4	0.1	153	<2	36	7	5	<3	3	<10	<2	0.4	21	31	<5	65
1827	Core	4	0.2	136	2	33	<5	5	<3	4	<10	<2	0.4	19	29	<5	57
1828	Core	4	0.2	147	<2	32	7	<5	<3	3	<10	<2	0.3	20	30	<5	55
1829	Core	4	0.1	152	<2	35	<5	5	<3	3	<10	<2	0.4	19	28	<5	69
1830	Core	2	0.1	142	<2	37	9	6	<3	3	<10	<2	0.5	21	30	<5	63
1831	Core	4	0.3	154	2	37	7	5	<3	3	<10	<2	0.4	21	31	<5	68
1832	Core	2	0.3	141	<2	38	5	5	<3	3	<10	<2	0.4	20	31	<5	64
1833	Core	2	0.2	129	<2	36	6	5	<3	3	<10	<2	0.5	19	25	<5	43
1834	Core	<2	0.2	158	5	32	7	<5	<3	6	<10	<2	0.4	12	6	<5	12
1835	Core	2	<0.1	162	5	28	<5	<5	<3	3	<10	<2	0.4	12	6	<5	14
1836	Core	4	0.2	176	<2	26	8	5	<3	3	<10	<2	0.4	20	23	<5	33
1837	Core	4	0.3	493	3	33	8	6	<3	5	<10	<2	0.3	17	12	<5	16
1838	Core	4	0.1	299	<2	33	7	<5	<3	5	<10	<2	0.2	11	4	<5	12
1839	Core	<2	0.2	266	<2	49	12	5	<3	6	<10	<2	0.4	11	5	<5	9
1840	Core	8	0.1	340	<2	45	17	5	<3	2	<10	<2	0.5	14	14	<5	16
1841	Core	<2	0.1	104	<2	25	<5	<5	<3	2	<10	<2	0.2	16	30	<5	22
1842	Core	2	0.1	70	<2	21	5	<5	<3	2	<10	<2	0.3	14	27	<5	30
1843	Core	2	0.2	35	<2	19	7	5	<3	2	<10	<2	0.2	17	36	<5	40
1844	Core	2	0.1	122	<2	13	5	<5	<3	2	<10	<2	0.2	14	28	<5	30
1845	Core	<2	0.1	6	<2	22	14	7	<3	6	<10	<2	0.1	20	44	<5	27
1846	Core	2	0.2	45	<2	22	11	6	<3	2	<10	<2	0.1	19	35	<5	31
1847	Core	2	0.2	208	<2	21	7	<5	<3	2	<10	<2	0.2	18	29	<5	33
1848	Core	2	0.3	55	<2	21	5	5	<3	4	<10	<2	0.4	17	30	<5	32
1849	Core	2	0.2	62	<2	21	7	6	<3	3	<10	<2	0.2	20	35	<5	24
1850	Core	4	0.2	104	<2	29	7	<5	<3	3	<10	<2	0.3	18	34	<5	22
1851	Core	4	0.2	144	<2	30	6	7	<3	3	<10	<2	0.2	20	37	<5	48
1852	Core	4	0.3	125	<2	25	5	5	<3	2	<10	<2	0.3	19	38	<5	41
1853	Core	6	0.3	31	<2	17	5	<5	<3	2	<10	<2	<0.1	16	33	<5	36
1854	Core	6	<0.1	120	<2	13	5	<5	<3	3	<10	<2	<0.1	14	28	<5	28
1855	Core	4	<0.1	36	<2	14	7	<5	<3	9	<10	<2	<0.1	14	27	<5	23
1856	Core	4	<0.1	55	<2	12	6	<5	<3	11	<10	<2	0.1	14	24	<5	30
1857	Core	4	0.1	11	<2	16	14	<5	<3	4	<10	<2	<0.1	17	27	<5	36
Minimum Detection		2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1819	21	95	389	9	36	3	3	0.16	1.19	1.42	3.31	0.95	0.27	0.08	0.18
1820	20	90	344	9	32	3	3	0.19	1.03	1.30	3.03	0.84	0.26	0.08	0.17
1821	33	81	306	8	37	4	3	0.19	0.94	1.47	3.31	0.76	0.22	0.06	0.18
1822	79	126	423	8	46	6	5	0.22	1.74	2.02	4.39	1.57	0.27	0.07	0.18
1823	76	145	585	10	65	7	7	0.19	1.87	3.22	4.62	1.85	0.20	0.06	0.26
1824	19	93	385	9	37	5	3	0.25	1.08	1.25	3.29	0.82	0.57	0.09	0.18
1825	88	178	428	8	75	5	3	0.20	1.40	1.21	4.11	1.52	0.67	0.13	0.21
1826	92	182	513	7	68	6	5	0.21	1.59	1.87	4.37	1.75	0.67	0.10	0.21
1827	79	166	423	7	61	5	4	0.20	1.44	1.79	3.97	1.52	0.56	0.09	0.20
1828	77	164	384	7	54	5	3	0.19	1.48	1.39	4.08	1.47	0.48	0.09	0.20
1829	79	168	357	7	62	5	2	0.19	1.29	1.11	3.90	1.39	0.60	0.12	0.20
1830	84	173	389	7	56	5	3	0.20	1.46	1.25	4.15	1.56	0.57	0.10	0.21
1831	87	180	402	7	56	5	3	0.21	1.45	1.38	4.13	1.52	0.61	0.11	0.21
1832	86	173	450	7	73	5	3	0.18	1.35	1.62	4.08	1.63	0.55	0.11	0.21
1833	65	152	404	8	69	6	4	0.20	1.29	1.75	4.05	1.49	0.40	0.09	0.21
1834	18	82	297	12	33	7	3	0.16	0.82	1.07	3.45	0.70	0.34	0.11	0.18
1835	28	88	262	11	56	7	3	0.18	0.79	0.87	3.50	0.96	0.33	0.10	0.18
1836	64	139	374	9	70	7	5	0.19	1.48	1.53	4.23	1.70	0.30	0.10	0.20
1837	52	111	452	10	54	5	5	0.11	1.21	1.74	3.94	1.21	0.28	0.08	0.21
1838	14	63	384	10	41	3	4	0.01	0.97	1.24	3.21	0.42	0.21	0.07	0.18
1839	42	91	434	11	34	3	5	0.06	0.95	1.28	3.94	0.53	0.30	0.07	0.22
1840	39	90	437	12	65	4	6	0.07	1.35	1.75	4.18	0.83	0.29	0.08	0.23
1841	102	120	386	8	70	6	4	0.18	1.33	2.46	3.20	1.49	0.28	0.09	0.21
1842	79	112	313	7	69	6	3	0.17	1.25	2.23	2.66	1.45	0.19	0.10	0.23
1843	94	127	272	6	67	6	3	0.19	1.58	2.10	3.04	1.56	0.27	0.11	0.24
1844	77	105	250	6	78	5	3	0.17	1.47	2.17	2.49	1.35	0.16	0.10	0.22
1845	83	113	487	13	117	4	8	0.08	1.87	5.05	4.06	1.89	0.21	0.08	0.40
1846	105	136	408	7	128	6	6	0.17	1.58	3.17	3.51	1.91	0.16	0.09	0.20
1847	81	137	357	8	67	6	5	0.20	1.42	2.31	3.52	1.70	0.17	0.11	0.21
1848	84	137	365	6	81	6	5	0.17	1.53	2.19	3.72	1.84	0.21	0.10	0.21
1849	92	137	489	7	96	5	8	0.12	1.76	3.50	4.18	1.81	0.23	0.09	0.21
1850	106	149	438	7	92	5	7	0.14	1.61	2.76	4.07	2.09	0.17	0.08	0.22
1851	108	161	353	6	76	6	5	0.19	1.53	1.97	3.90	1.92	0.36	0.11	0.20
1852	120	163	352	6	76	6	4	0.18	1.44	2.07	3.88	1.82	0.34	0.09	0.21
1853	86	117	250	6	61	5	3	0.18	1.44	1.94	2.81	1.45	0.25	0.10	0.22
1854	76	103	248	6	77	5	3	0.16	1.45	2.15	2.47	1.34	0.16	0.10	0.22
1855	80	97	225	8	43	5	3	0.17	1.36	1.72	2.81	1.22	0.21	0.10	0.20
1856	72	95	245	5	57	4	4	0.16	1.31	1.87	2.81	1.46	0.20	0.10	0.18
1857	120	115	339	6	50	4	6	0.20	1.43	1.99	3.40	1.92	0.34	0.10	0.17
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1858	Core	2	0.2	52	<2	15	11	<5	<3	5	<10	<2	0.1	19	30	<5	28
1859	Core	4	<0.1	219	<2	15	9	<5	<3	6	<10	<2	0.1	21	39	<5	43
1860	Core	<2	<0.1	59	<2	19	11	<5	<3	56	<10	2	0.1	21	33	<5	22
1861	Core	2	0.1	97	<2	18	8	<5	<3	10	<10	<2	0.1	18	35	<5	26
1862	Core	4	<0.1	93	<2	24	16	5	<3	4	<10	<2	0.2	23	46	<5	15
1863	Core	4	<0.1	159	<2	38	6	<5	<3	3	<10	<2	0.2	20	34	<5	56
1864	Core	4	<0.1	178	<2	41	10	5	<3	2	<10	<2	0.3	20	35	<5	60
1865	Core	4	<0.1	162	<2	38	9	5	<3	3	<10	<2	0.4	20	34	<5	55
1866	Core	4	<0.1	185	<2	43	178	11	<3	3	<10	<2	0.1	22	40	<5	56
1867	Core	6	0.3	185	<2	41	26	6	<3	2	<10	<2	0.3	21	37	<5	49
1868	Core	2	<0.1	140	<2	38	62	6	<3	2	<10	<2	0.3	20	35	<5	43
1869	Core	2	0.2	210	<2	37	26	<5	<3	3	<10	<2	0.4	20	36	<5	35
1870	Core	<2	<0.1	249	<2	51	32	<5	<3	3	<10	<2	0.4	15	18	<5	28
1871	Core	<2	<0.1	253	2	44	13	<5	<3	3	<10	<2	0.4	16	15	<5	28
1872	Core	4	<0.1	148	<2	44	17	5	<3	2	<10	<2	0.4	22	40	<5	41
1873	Core	4	<0.1	115	<2	43	14	5	<3	3	<10	<2	0.2	22	41	<5	48
1874	Core	2	<0.1	151	<2	41	14	5	<3	3	<10	<2	0.2	21	39	<5	45
1875	Core	2	<0.1	144	<2	41	23	<5	<3	2	<10	<2	0.3	21	40	<5	43
1876	Core	2	<0.1	144	<2	39	11	<5	<3	3	<10	<2	0.3	20	35	<5	54
1877	Core	2	<0.1	159	<2	42	19	7	<3	2	<10	<2	0.3	21	39	<5	50

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Minimum Detection	2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection	10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method	FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1858	102	122	311	5	66	6	5	0.20	1.66	1.97	3.59	1.83	0.33	0.10	0.19
1859	104	130	294	6	55	5	4	0.22	1.71	1.89	3.64	1.78	0.55	0.10	0.20
1860	106	125	386	12	73	4	7	0.17	1.88	2.44	3.86	2.21	0.36	0.11	0.18
1861	106	122	325	5	72	5	6	0.17	1.71	2.02	3.49	2.05	0.30	0.11	0.18
1862	144	142	525	5	102	4	10	0.11	2.28	3.86	4.68	2.54	0.15	0.08	0.22
1863	95	163	456	6	82	4	2	0.16	1.29	1.08	4.05	1.57	0.41	0.10	0.19
1864	122	165	439	7	69	4	2	0.16	1.29	1.05	4.06	1.47	0.46	0.11	0.20
1865	105	166	438	7	75	4	2	0.17	1.39	1.18	4.08	1.48	0.45	0.12	0.20
1866	134	165	480	7	91	6	3	0.18	1.33	1.46	4.26	1.70	0.46	0.12	0.19
1867	121	154	461	6	70	5	3	0.19	1.44	1.42	4.02	1.57	0.44	0.11	0.19
1868	117	153	401	6	63	4	2	0.16	1.29	1.42	3.85	1.43	0.39	0.09	0.19
1869	102	142	417	6	63	5	3	0.18	1.46	1.69	3.72	1.61	0.27	0.08	0.19
1870	71	137	303	8	37	5	2	0.17	1.04	1.24	3.25	0.86	0.34	0.08	0.21
1871	41	170	358	10	47	6	3	0.21	1.02	1.35	3.75	0.88	0.43	0.10	0.25
1872	128	166	560	6	99	5	4	0.16	1.38	2.04	4.33	1.70	0.38	0.11	0.19
1873	117	167	434	6	78	5	3	0.18	1.42	1.31	4.11	1.70	0.45	0.11	0.19
1874	123	163	424	6	84	5	3	0.16	1.28	1.15	4.13	1.67	0.45	0.11	0.18
1875	116	160	464	6	94	5	3	0.16	1.31	1.37	4.16	1.72	0.38	0.10	0.18
1876	119	159	430	6	89	4	3	0.16	1.34	1.31	4.07	1.61	0.39	0.10	0.20
1877	114	154	435	6	91	5	3	0.17	1.31	1.23	4.12	1.71	0.41	0.09	0.19
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1878	Core	<2	0.1	156	2	39	55	7	<3	2	<10	<2	0.2	20	34	<5	39
1879	Core	<2	<0.1	151	3	40	27	6	<3	2	<10	<2	0.2	20	34	<5	35
1880	Core	<2	<0.1	98	2	25	28	6	<3	3	<10	<2	<0.1	16	29	<5	26
1881	Core	<2	<0.1	142	3	38	29	6	<3	2	<10	<2	0.2	19	35	<5	32
1882	Core	4	0.1	144	2	39	10	5	<3	3	<10	<2	<0.1	20	36	<5	28
1883	Core	<2	0.1	115	2	35	8	5	<3	2	<10	<2	0.1	16	25	<5	17
1884	Core	6	<0.1	116	2	41	6	5	<3	3	<10	<2	0.4	19	33	<5	30
1885	Core	2	<0.1	168	<2	36	6	5	<3	2	<10	<2	0.2	19	30	<5	40
1886	Core	6	<0.1	145	2	33	7	5	<3	3	<10	<2	0.3	19	34	<5	37
1887	Core	<2	<0.1	102	5	28	7	<5	<3	3	<10	<2	0.1	16	26	<5	20
1888	Core	4	<0.1	133	<2	25	7	<5	<3	2	<10	<2	0.1	16	25	<5	39
1889	Core	6	<0.1	176	<2	25	6	<5	<3	2	<10	<2	0.2	18	32	<5	36
1890	Core	4	0.1	180	2	37	6	<5	<3	2	<10	<2	0.3	18	32	<5	24
1891	Core	12	<0.1	168	<2	32	6	6	<3	5	<10	<2	0.1	18	31	<5	21
1892	Core	10	<0.1	151	<2	38	5	5	<3	3	<10	<2	0.1	20	36	<5	23
1893	Core	8	<0.1	397	<2	52	9	13	<3	4	<10	<2	0.2	22	41	<5	23
1894	Core	26	0.5	319	<2	51	38	39	<3	9	<10	<2	0.2	16	27	<5	22
1895	Core	6	<0.1	127	<2	38	11	10	<3	4	<10	<2	0.3	22	43	<5	16
1896	Core	6	<0.1	117	<2	34	8	7	<3	6	<10	<2	<0.1	21	41	<5	18
1897	Core	6	<0.1	70	<2	27	23	6	<3	15	<10	<2	0.2	20	41	<5	27
1898	Core	10	<0.1	75	40	31	32	6	<3	6	<10	<2	0.2	20	40	<5	34
1899	Core	26	<0.1	167	<2	38	14	5	<3	7	<10	<2	0.3	18	34	<5	19
1900	Core	14	<0.1	153	<2	33	15	7	<3	8	<10	<2	0.2	18	37	<5	18
1901	Core	10	<0.1	48	<2	21	25	6	<3	3	<10	<2	0.1	16	30	<5	25
1902	Core	34	<0.1	186	6	23	8	<5	<3	6	<10	<2	0.2	11	9	<5	31
1903	Core	10	<0.1	189	5	28	72	8	<3	3	<10	<2	0.2	12	11	<5	29
1904	Core	8	<0.1	149	<2	31	68	7	<3	3	<10	<2	0.1	14	21	<5	33
1905	Core	10	<0.1	140	4	26	54	5	<3	6	<10	<2	0.2	12	11	<5	30
1906	Core	<2	0.1	86	4	28	27	5	<3	3	<10	<2	0.1	14	24	<5	25
1907	Core	<2	<0.1	217	8	34	19	7	<3	3	<10	<2	<0.1	9	6	<5	6
1908	Core	6	<0.1	55	4	34	39	6	<3	3	<10	<2	0.2	17	33	<5	28
1909	Core	4	<0.1	108	<2	29	8	<5	<3	3	<10	<2	0.2	19	38	<5	61
1910	Core	14	<0.1	272	<2	23	22	7	<3	3	<10	<2	0.1	18	36	<5	44
1911	Core	8	0.2	218	<2	30	40	6	<3	2	<10	<2	0.1	17	30	<5	55
1912	Core	6	<0.1	94	2	16	17	6	<3	3	<10	<2	<0.1	14	28	<5	33
1913	Core	10	0.2	98	<2	23	26	6	<3	3	<10	<2	<0.1	17	36	<5	42
1914	Core	4	0.1	40	<2	13	20	7	<3	14	<10	<2	0.2	13	24	<5	23
1915	Core	10	<0.1	58	<2	19	23	6	<3	2	<10	<2	0.2	16	19	<5	7
1916	Core	40	<0.1	6588	<2	71	26	5	<3	2	<10	<2	0.7	42	51	10	<2
Minimum Detection		2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1878	103	162	426	5	78	4	3	0.15	1.21	1.80	4.09	1.63	0.32	0.06	0.20
1879	97	163	429	6	59	4	3	0.14	1.27	1.73	4.12	1.60	0.27	0.06	0.20
1880	99	126	311	5	46	4	2	0.15	1.33	1.65	3.40	1.37	0.17	0.05	0.20
1881	108	146	378	6	61	5	3	0.16	1.28	1.81	3.74	1.67	0.29	0.06	0.19
1882	106	156	427	5	62	5	4	0.17	1.44	1.74	3.98	1.84	0.19	0.07	0.19
1883	69	119	559	6	101	4	6	0.10	1.35	3.59	3.70	1.12	0.19	0.07	0.20
1884	102	152	364	6	57	5	3	0.18	1.43	1.70	3.74	1.60	0.23	0.06	0.19
1885	93	151	380	7	67	4	3	0.15	1.15	1.10	3.98	1.57	0.43	0.07	0.19
1886	105	149	377	6	58	4	3	0.16	1.20	1.23	3.84	1.59	0.40	0.07	0.18
1887	78	126	316	6	47	4	3	0.14	1.17	1.70	3.26	1.30	0.13	0.06	0.21
1888	69	136	297	5	51	4	2	0.13	1.03	1.28	3.34	1.27	0.31	0.06	0.21
1889	95	151	304	5	47	3	2	0.12	1.04	0.98	3.78	1.52	0.40	0.07	0.19
1890	99	138	350	5	43	3	2	0.12	1.20	1.45	3.63	1.52	0.15	0.06	0.20
1891	96	138	374	6	58	4	3	0.12	1.16	1.76	3.58	1.82	0.17	0.06	0.21
1892	105	153	436	6	68	4	5	0.13	1.36	1.97	3.99	2.15	0.21	0.06	0.22
1893	107	144	777	6	105	3	12	0.05	1.72	5.20	4.85	1.79	0.28	0.05	0.22
1894	75	102	610	7	95	5	7	0.08	1.55	3.75	4.03	1.67	0.22	0.06	0.21
1895	133	166	656	6	94	5	9	0.11	1.87	4.20	4.86	2.69	0.11	0.05	0.21
1896	120	163	545	10	87	5	11	0.05	1.79	3.89	>5.00	2.09	0.14	0.05	0.23
1897	128	154	399	6	72	6	6	0.15	1.57	2.03	4.71	2.15	0.22	0.07	0.20
1898	119	166	373	6	67	6	4	0.15	1.44	1.66	4.39	1.95	0.32	0.08	0.19
1899	109	161	446	6	78	4	6	0.12	1.37	1.89	4.24	1.62	0.17	0.07	0.21
1900	118	123	377	5	53	4	4	0.14	1.29	1.57	4.02	1.66	0.17	0.06	0.19
1901	94	137	308	5	52	5	4	0.15	1.30	1.68	3.67	1.47	0.21	0.08	0.22
1902	26	143	207	9	32	4	2	0.13	0.79	1.14	3.18	0.67	0.27	0.07	0.27
1903	15	139	245	9	38	5	2	0.15	0.86	1.39	3.25	0.75	0.28	0.09	0.29
1904	62	134	306	8	39	4	3	0.16	1.08	1.49	3.58	1.13	0.33	0.08	0.25
1905	16	129	232	9	37	4	2	0.13	0.86	1.21	3.15	0.72	0.25	0.09	0.28
1906	74	100	284	8	35	4	2	0.14	1.06	1.09	3.27	1.13	0.29	0.08	0.18
1907	27	97	242	10	23	4	2	0.14	0.69	0.96	3.11	0.55	0.37	0.09	0.21
1908	92	130	337	6	47	4	3	0.14	1.39	1.49	3.97	1.54	0.24	0.07	0.22
1909	106	156	315	5	38	4	2	0.16	1.34	1.34	3.97	1.51	0.61	0.08	0.19
1910	100	124	319	5	33	5	2	0.17	1.53	1.21	4.01	1.58	0.51	0.05	0.19
1911	76	141	292	6	42	4	2	0.15	1.13	1.20	3.58	1.28	0.51	0.08	0.20
1912	88	117	220	6	40	4	2	0.14	1.34	1.34	3.28	1.20	0.37	0.06	0.21
1913	99	141	269	5	31	4	2	0.16	1.51	1.33	3.96	1.48	0.49	0.07	0.18
1914	70	100	198	10	39	4	2	0.14	1.37	1.33	3.18	1.23	0.11	0.09	0.19
1915	81	106	257	7	41	4	2	0.12	1.65	1.78	3.54	1.35	0.11	0.06	0.23
1916	119	156	337	16	77	4	5	0.13	2.80	1.63	>5.00	1.96	0.24	0.05	0.20
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1917	Core	12	0.2	3413	<2	48	19	5	<3	2	<10	<2	0.5	39	51	6	<2
1918	Core	4	<0.1	138	2	21	9	<5	<3	2	<10	<2	0.1	16	33	<5	24
1919	Core	4	<0.1	48	2	14	9	<5	<3	2	<10	<2	<0.1	13	30	<5	2
1920	Core	4	<0.1	39	<2	12	12	<5	<3	2	<10	<2	<0.1	14	26	<5	4
1921	Core	10	0.1	88	4	25	<5	<5	<3	2	<10	<2	0.3	18	31	<5	62
1922	Core	6	0.2	120	3	27	9	6	<3	2	<10	<2	0.2	19	36	<5	56
1923	Core	<2	0.1	168	3	30	8	<5	<3	3	<10	<2	0.4	19	35	<5	64
1924	Core	2	<0.1	170	<2	32	50	7	<3	3	<10	<2	0.2	19	36	<5	66
1925	Core	2	<0.1	129	<2	30	31	6	<3	3	<10	<2	0.1	20	38	<5	54
1926	Core	<2	<0.1	18	<2	23	28	6	<3	2	<10	<2	0.1	19	36	<5	19
1927	Core	<2	0.1	39	<2	24	37	6	<3	2	<10	<2	<0.1	19	38	<5	10
1928	Core	8	0.1	134	3	35	37	6	<3	3	<10	<2	<0.1	15	26	<5	47
1929	Core	<2	<0.1	233	10	35	27	<5	<3	3	<10	<2	<0.1	15	10	<5	34
1930	Core	2	<0.1	207	5	39	36	<5	<3	4	<10	<2	0.1	14	11	<5	27
1931	Core	2	0.2	435	5	44	40	<5	<3	3	<10	<2	0.1	15	9	<5	54
1932	Core	2	0.1	247	8	38	33	9	<3	3	<10	<2	0.5	17	22	<5	59
1933	Core	<2	<0.1	264	5	36	39	5	<3	3	<10	<2	0.1	12	9	<5	26
1934	Core	2	<0.1	239	7	39	68	9	<3	3	<10	<2	<0.1	11	7	<5	28
Minimum Detection		2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1917	123	146	385	7	56	3	5	0.09	3.22	1.86	>5.00	2.59	0.09	0.04	0.21
1918	79	121	235	6	39	4	2	0.14	1.67	1.53	3.49	1.31	0.32	0.07	0.20
1919	83	98	200	4	37	4	2	0.12	1.75	1.70	2.90	1.26	0.10	0.06	0.19
1920	72	93	193	6	46	3	2	0.14	1.62	1.64	2.94	1.27	0.09	0.07	0.19
1921	87	138	252	7	33	4	2	0.17	1.33	1.20	3.44	1.30	0.57	0.08	0.18
1922	100	157	316	6	38	4	2	0.17	1.35	1.20	3.92	1.47	0.62	0.08	0.19
1923	109	161	315	6	38	4	2	0.17	1.13	0.97	3.83	1.30	0.65	0.09	0.18
1924	98	160	345	6	60	5	3	0.18	1.23	1.33	3.90	1.46	0.59	0.09	0.19
1925	108	157	319	5	54	6	3	0.18	1.29	1.46	3.93	1.53	0.47	0.07	0.18
1926	121	145	400	4	69	7	6	0.17	1.98	2.38	4.41	2.21	0.17	0.06	0.19
1927	145	127	371	4	66	6	4	0.16	1.81	1.95	3.94	2.15	0.28	0.06	0.14
1928	64	114	334	6	40	5	2	0.17	1.14	1.15	3.23	1.25	0.39	0.07	0.17
1929	21	84	264	9	29	3	2	0.16	0.90	0.97	2.83	0.76	0.25	0.06	0.19
1930	17	101	386	9	40	3	2	0.18	1.17	1.57	3.28	1.05	0.23	0.06	0.22
1931	20	133	342	10	36	2	3	0.20	1.11	1.27	3.61	0.94	0.42	0.08	0.25
1932	63	130	341	10	36	4	2	0.18	1.02	1.15	3.55	1.19	0.51	0.06	0.24
1933	27	130	285	9	30	4	2	0.17	0.80	1.17	3.27	0.68	0.49	0.08	0.24
1934	32	115	285	10	26	4	2	0.16	0.74	1.14	3.09	0.61	0.44	0.07	0.23
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1935	Core	12	0.1	336	4	42	80	9	<3	4	<10	<2	0.1	13	11	<5	55
1936	Core	8	0.3	456	6	35	57	9	<3	5	<10	<2	0.3	14	12	<5	39
1937	Core	6	<0.1	289	6	43	43	7	<3	4	<10	<2	0.1	11	7	<5	36
1938	Core	2	0.1	314	6	44	58	8	<3	4	<10	<2	0.3	12	10	<5	36
1939	Core	10	<0.1	328	6	45	154	12	<3	4	<10	<2	0.3	16	19	<5	38
1940	Core	2	0.1	268	6	39	93	8	<3	3	<10	<2	0.1	11	9	<5	21
1941	Core	2	<0.1	291	2	42	194	10	<3	3	<10	<2	0.2	13	11	<5	29
1942	Core	<2	<0.1	256	3	39	95	8	<3	3	<10	<2	0.1	14	11	<5	59
1943	Core	2	0.1	101	3	37	223	14	<3	3	<10	<2	0.1	19	33	<5	29
1944	Core	<2	<0.1	83	<2	47	82	9	<3	3	<10	<2	<0.1	20	35	<5	27
1945	Core	2	<0.1	136	<2	33	9	6	<3	3	<10	<2	0.1	21	38	<5	40
1946	Core	4	<0.1	190	<2	40	5	<5	<3	2	<10	<2	<0.1	21	33	<5	87
1947	Core	2	0.1	90	<2	36	15	7	<3	2	<10	<2	0.1	20	37	<5	25
1948	Core	10	0.1	176	<2	34	26	7	<3	17	<10	<2	<0.1	31	44	<5	44
1949	Core	8	0.1	267	3	46	10	6	<3	3	<10	<2	0.3	16	18	<5	25
1950	Core	6	0.1	265	<2	52	10	5	<3	3	<10	<2	0.2	22	28	<5	64
1951	Core	4	<0.1	111	5	49	7	8	<3	3	<10	<2	<0.1	21	33	<5	24
1952	Core	<2	<0.1	347	8	41	73	9	<3	3	<10	<2	0.3	12	7	<5	16
1953	Core	12	0.1	1027	11	30	49	5	<3	4	<10	<2	0.1	14	9	<5	22
1954	Core	8	<0.1	153	6	34	14	5	<3	5	<10	<2	0.1	14	14	<5	47
1955	Core	14	0.1	150	<2	40	116	13	<3	3	<10	<2	0.1	22	36	<5	40
1956	Core	62	0.8	3855	<2	55	56	10	<3	12	<10	<2	0.2	34	41	<5	14
1957	Core	30	0.2	671	9	38	36	5	<3	3	<10	<2	0.3	19	20	<5	35
1958	Core	10	<0.1	339	4	33	34	6	<3	3	<10	<2	0.2	16	15	<5	46
1959	Core	16	0.2	824	2	37	10	<5	<3	3	<10	<2	0.3	23	32	<5	40
1960	Core	8	0.1	141	2	35	8	6	<3	2	<10	<2	0.2	21	37	<5	38
1961	Core	6	<0.1	163	3	38	8	5	<3	2	<10	<2	0.3	21	36	<5	46
1962	Core	10	<0.1	210	<2	40	9	<5	<3	2	<10	<2	0.2	19	33	<5	42
1963	Core	10	<0.1	120	2	39	47	7	<3	2	<10	<2	0.1	22	32	<5	28
1964	Core	6	<0.1	143	<2	51	24	7	<3	3	<10	<2	0.2	24	39	<5	59
1965	Core	28	0.2	830	4	36	41	8	<3	30	<10	<2	0.3	28	41	<5	40
1966	Core	10	0.1	304	3	39	39	8	<3	3	<10	<2	0.2	25	45	<5	40
1967	Core	4	0.1	101	3	36	15	7	<3	3	<10	<2	0.1	23	42	<5	36
1968	Core	8	<0.1	135	<2	40	10	6	<3	3	<10	<2	0.2	23	40	<5	50
1969	Core	4	<0.1	137	<2	41	12	8	<3	7	<10	<2	0.3	25	45	<5	47
1970	Core	8	0.2	138	<2	39	5	<5	<3	2	<10	<2	<0.1	22	40	<5	48
1971	Core	8	<0.1	96	<2	31	45	6	<3	4	<10	<2	<0.1	21	38	<5	40
1972	Core	8	<0.1	58	<2	30	106	8	<3	8	<10	<2	0.1	24	44	<5	31
1973	Core	4	<0.1	85	2	29	12	6	<3	3	<10	<2	0.1	22	38	<5	40
Minimum Detection		2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1935	31	126	346	10	36	3	2	0.19	0.99	1.38	3.42	0.81	0.51	0.09	0.25
1936	39	125	299	11	29	5	2	0.17	0.83	1.04	3.31	0.74	0.44	0.07	0.25
1937	25	135	275	10	23	4	1	0.17	0.79	0.92	3.24	0.58	0.56	0.08	0.23
1938	37	139	318	10	26	3	2	0.17	0.90	1.23	3.54	0.70	0.62	0.09	0.24
1939	76	141	358	10	39	4	2	0.18	0.99	1.41	3.73	0.99	0.60	0.08	0.24
1940	40	119	312	9	29	3	2	0.16	0.79	1.47	3.12	0.68	0.45	0.07	0.22
1941	40	142	338	9	39	4	2	0.20	0.91	1.56	3.56	0.85	0.51	0.08	0.25
1942	28	147	348	10	39	3	3	0.21	1.10	1.40	3.64	1.03	0.65	0.08	0.26
1943	111	133	440	5	75	5	4	0.13	1.26	1.53	3.90	1.91	0.34	0.06	0.19
1944	105	123	496	6	86	4	7	0.11	1.32	2.75	3.93	1.75	0.47	0.05	0.17
1945	123	150	390	4	75	4	3	0.14	1.25	1.28	4.06	1.96	0.46	0.08	0.17
1946	104	168	397	6	56	3	4	0.22	1.41	1.43	4.18	1.77	0.69	0.07	0.21
1947	129	148	475	6	61	5	5	0.14	1.49	2.47	4.29	1.74	0.41	0.06	0.20
1948	146	153	580	5	76	6	7	0.18	2.13	2.50	>5.00	2.47	0.67	0.06	0.18
1949	61	152	543	9	56	4	6	0.13	1.21	2.69	4.34	1.26	0.52	0.07	0.25
1950	80	169	594	9	61	5	7	0.21	1.48	2.59	4.93	1.78	0.70	0.08	0.22
1951	103	115	809	6	129	4	10	0.07	1.35	6.88	4.20	1.09	0.40	0.05	0.16
1952	17	146	293	10	28	4	2	0.18	0.89	1.17	3.37	0.67	0.68	0.09	0.24
1953	27	114	240	12	27	3	2	0.15	0.78	1.10	2.93	0.62	0.46	0.07	0.24
1954	41	158	248	10	33	2	2	0.14	0.93	1.06	3.17	0.88	0.59	0.06	0.25
1955	132	160	480	6	76	5	4	0.17	1.30	2.42	4.19	1.80	0.61	0.07	0.19
1956	150	165	550	5	72	5	7	0.15	2.13	3.34	>5.00	2.59	0.16	0.05	0.21
1957	49	128	357	9	53	4	2	0.20	1.21	1.78	4.05	1.08	0.28	0.09	0.18
1958	35	116	329	10	50	3	2	0.18	1.12	1.92	3.21	0.92	0.32	0.07	0.27
1959	128	156	370	9	52	4	2	0.15	1.26	1.21	4.05	1.50	0.45	0.07	0.21
1960	147	153	390	5	57	3	2	0.13	1.22	1.04	3.96	1.61	0.48	0.08	0.17
1961	125	161	391	6	61	4	3	0.15	1.31	1.11	4.09	1.66	0.54	0.10	0.19
1962	123	141	367	5	62	4	3	0.14	1.35	1.36	3.81	1.51	0.45	0.08	0.19
1963	120	132	381	4	66	5	3	0.13	1.50	2.14	3.85	1.65	0.26	0.06	0.18
1964	139	175	416	5	67	4	3	0.14	1.39	1.39	4.36	1.82	0.51	0.08	0.21
1965	129	169	435	6	64	5	4	0.15	1.66	2.21	4.66	1.83	0.37	0.07	0.21
1966	161	161	440	6	63	5	4	0.17	2.01	2.56	4.63	2.15	0.26	0.07	0.21
1967	152	169	402	6	62	4	3	0.15	1.64	2.11	4.22	1.88	0.47	0.07	0.21
1968	145	170	432	6	71	4	3	0.16	1.51	1.41	4.45	1.92	0.58	0.10	0.19
1969	174	185	478	7	70	4	3	0.16	1.69	1.64	4.62	2.02	0.61	0.09	0.23
1970	146	171	435	5	79	4	3	0.15	1.47	1.64	4.22	1.87	0.51	0.10	0.18
1971	148	164	446	4	72	4	4	0.16	1.57	2.55	3.91	1.80	0.55	0.08	0.18
1972	158	168	446	6	73	6	4	0.18	1.70	2.03	4.24	2.08	0.54	0.07	0.20
1973	124	132	332	6	43	4	3	0.18	1.69	1.26	3.72	1.68	0.49	0.08	0.19
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1974	Core	10	0.1	266	2	32	12	7	<3	2	<10	<2	0.2	23	38	<5	48
1975	Core	36	0.3	709	<2	34	11	6	<3	2	<10	<2	<0.1	25	39	<5	32
1976	Core	12	<0.1	80	2	31	8	5	<3	2	<10	<2	0.2	21	44	<5	43
1977	Core	6	<0.1	61	<2	32	9	7	3	3	<10	<2	0.3	20	44	<5	49
1978	Core	4	<0.1	46	6	20	8	<5	<3	4	<10	<2	<0.1	11	12	<5	31
1979	Core	6	<0.1	248	5	29	8	<5	<3	3	<10	<2	0.1	15	20	<5	45
1980	Core	4	<0.1	128	4	27	12	5	<3	3	<10	<2	<0.1	17	26	<5	33
1981	Core	8	0.1	152	2	35	8	5	<3	4	<10	<2	0.3	19	35	<5	30
1982	Core	10	<0.1	141	4	27	9	6	<3	71	<10	<2	0.3	21	45	<5	32
1983	Core	8	<0.1	258	<2	24	13	7	<3	115	<10	<2	0.2	25	45	<5	47
1984	Core	6	0.2	43	<2	25	10	5	<3	9	<10	<2	<0.1	18	40	<5	31
1985	Core	4	<0.1	78	<2	29	8	5	<3	57	<10	<2	<0.1	19	43	<5	52
1986	Core	6	<0.1	106	<2	35	8	7	<3	3	<10	<2	<0.1	22	43	<5	35
1987	Core	4	0.2	130	2	29	9	8	<3	26	<10	<2	0.1	24	44	<5	40
1988	Core	8	0.1	129	4	34	6	6	<3	3	<10	<2	0.1	21	43	<5	41
Minimum Detection		2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1974	142	154	315	4	45	4	3	0.16	1.49	1.10	4.05	1.64	0.65	0.08	0.15
1975	137	148	328	6	51	3	3	0.13	1.45	1.49	4.09	1.70	0.48	0.07	0.23
1976	152	191	347	5	53	4	2	0.15	1.38	1.16	4.68	1.68	0.69	0.08	0.19
1977	138	194	311	4	47	4	3	0.15	1.56	1.33	4.76	1.71	0.81	0.08	0.18
1978	36	113	204	8	27	3	2	0.16	0.95	0.89	3.13	0.75	0.52	0.09	0.20
1979	63	135	262	8	31	3	2	0.18	1.26	1.12	3.54	1.13	0.57	0.07	0.24
1980	93	123	264	6	36	3	2	0.14	1.14	1.04	3.37	1.12	0.44	0.07	0.21
1981	123	137	350	6	45	4	3	0.15	1.34	1.39	3.94	1.56	0.53	0.08	0.20
1982	138	123	299	5	37	4	2	0.13	1.49	1.34	3.62	1.56	0.41	0.06	0.19
1983	124	120	313	7	43	4	3	0.15	1.53	1.05	4.21	1.63	0.50	0.07	0.18
1984	147	142	343	5	58	4	4	0.14	1.61	1.83	3.99	1.85	0.53	0.06	0.20
1985	144	139	350	6	44	4	3	0.16	1.72	1.33	4.13	1.83	0.67	0.08	0.19
1986	157	145	396	5	70	4	3	0.13	1.41	1.65	3.99	1.89	0.45	0.07	0.20
1987	154	151	397	5	48	5	3	0.18	1.77	1.56	4.28	1.91	0.73	0.07	0.16
1988	140	148	397	5	72	4	3	0.12	1.26	1.15	3.89	1.85	0.46	0.09	0.17
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
1989	Core	2	0.3	291	7	42	24	<5	<3	9	<10	<2	0.2	14	9	<5	48
1990	Core	2	<0.1	241	6	33	37	<5	<3	6	<10	<2	0.2	18	7	<5	52
1991	Core	<2	<0.1	241	5	35	17	<5	<3	5	<10	<2	0.1	15	6	<5	39
1992	Core	2	<0.1	252	5	45	13	<5	<3	4	<10	<2	0.1	12	6	<5	14
1993	Core	<2	<0.1	265	3	47	34	<5	<3	4	<10	<2	0.3	11	5	<5	9
1994	Core	6	<0.1	350	5	37	44	<5	<3	6	<10	<2	0.2	15	6	<5	27
1995	Core	26	0.9	4818	5	62	89	<5	<3	50	<10	<2	0.6	50	17	<5	37
1996	Core	4	<0.1	289	2	32	16	<5	<3	4	<10	<2	0.1	14	9	<5	30
1997	Core	6	<0.1	191	4	45	8	<5	<3	4	<10	<2	0.1	17	22	<5	40
1998	Core	4	0.1	189	4	39	9	<5	<3	4	<10	<2	0.3	16	22	<5	41
1999	Core	4	<0.1	168	4	22	14	<5	<3	5	<10	<2	0.1	17	14	<5	42
2000	Core	6	<0.1	334	3	35	10	<5	<3	4	<10	<2	0.2	13	10	<5	34
2001	Core	8	<0.1	168	2	34	8	<5	<3	3	<10	<2	0.4	16	27	<5	57
2002	Core	6	<0.1	90	4	27	24	<5	<3	4	<10	<2	0.2	15	29	<5	31
2003	Core	8	0.3	144	<2	31	64	5	<3	4	<10	<2	<0.1	14	25	<5	27
2004	Core	8	<0.1	70	<2	34	15	7	<3	3	<10	<2	0.2	22	50	<5	42
2005	Core	8	<0.1	134	2	37	77	5	<3	4	<10	<2	0.2	17	25	<5	70
2006	Core	12	0.1	293	3	37	6	<5	<3	4	<10	<2	0.2	15	14	<5	61
2007	Core	<2	0.1	282	6	37	9	<5	<3	4	<10	<2	0.3	11	8	<5	23
2008	Core	10	<0.1	267	3	35	5	<5	<3	3	<10	<2	0.2	11	10	<5	31
2009	Core	12	0.1	226	4	31	9	<5	<3	4	<10	<2	0.2	12	17	<5	68
2010	Core	8	0.1	142	2	36	15	<5	<3	3	<10	<2	0.3	17	25	<5	81
2011	Core	6	0.1	262	3	42	23	<5	<3	3	<10	<2	0.3	16	17	<5	56
2012	Core	8	<0.1	117	<2	41	11	6	<3	3	<10	<2	0.3	24	48	<5	55
2013	Core	6	0.1	116	2	44	12	6	<3	4	<10	<2	0.2	24	49	<5	62
2014	Core	4	0.1	105	4	36	10	<5	<3	3	<10	<2	0.1	22	46	<5	69
2015	Core	4	<0.1	105	<2	38	12	6	<3	4	<10	<2	0.1	25	48	<5	58
2016	Core	14	0.2	820	<2	34	17	7	<3	34	<10	<2	0.2	31	52	<5	38
2017	Core	20	0.6	2307	<2	39	16	5	<3	11	<10	<2	0.2	35	59	<5	37
2018	Core	6	<0.1	100	<2	36	21	6	<3	3	<10	<2	0.1	22	40	<5	48
2019	Core	8	<0.1	293	6	36	70	7	<3	5	<10	<2	0.2	17	8	<5	22
2020	Core	6	0.1	525	2	49	51	6	<3	5	<10	<2	0.3	22	17	<5	78
2021	Core	6	<0.1	266	2	49	184	8	<3	5	<10	<2	0.3	16	9	<5	47
2022	Core	4	<0.1	202	5	39	227	6	<3	6	<10	<2	0.2	11	5	<5	9
2023	Core	2	0.1	292	8	47	10	5	<3	4	<10	<2	0.2	11	6	<5	14
2024	Core	10	<0.1	312	5	44	10	5	<3	6	<10	<2	0.2	14	11	<5	20
2025	Core	14	0.1	196	4	48	28	5	<3	4	<10	<2	0.3	19	23	<5	29
2026	Core	6	0.1	98	<2	38	13	6	<3	4	<10	<2	<0.1	21	32	<5	16
2027	Core	18	0.1	168	3	31	8	<5	<3	3	<10	<2	0.2	18	26	<5	14
Minimum Detection		2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1989	50	114	308	11	36	5	3	0.21	1.00	0.94	3.26	0.67	0.52	0.09	0.20
1990	35	110	285	12	23	6	3	0.24	1.03	0.91	3.23	0.70	0.61	0.09	0.23
1991	45	106	267	12	19	5	3	0.21	0.87	0.90	3.05	0.57	0.50	0.08	0.23
1992	45	105	342	12	18	4	3	0.21	0.86	0.93	3.32	0.62	0.63	0.08	0.21
1993	33	105	351	12	20	4	4	0.19	0.97	1.23	3.40	0.63	0.58	0.09	0.21
1994	28	100	318	11	21	5	3	0.20	0.92	1.21	3.16	0.65	0.47	0.09	0.22
1995	28	107	276	13	24	8	3	0.19	0.93	1.36	3.61	0.64	0.26	0.08	0.22
1996	35	134	265	17	24	5	2	0.20	0.92	1.15	3.18	0.67	0.45	0.10	0.24
1997	96	145	388	10	27	4	2	0.25	1.20	1.31	3.96	1.12	0.78	0.08	0.23
1998	73	127	329	10	41	5	2	0.20	1.09	1.43	3.34	1.01	0.52	0.10	0.24
1999	38	125	244	12	55	5	2	0.19	0.99	1.55	2.57	0.74	0.26	0.10	0.32
2000	37	147	285	12	42	4	2	0.19	0.93	1.11	3.30	0.73	0.57	0.10	0.26
2001	82	166	322	10	41	4	2	0.17	1.17	1.28	3.72	1.18	0.55	0.09	0.28
2002	91	117	331	8	66	5	3	0.15	1.31	1.80	3.04	1.43	0.25	0.09	0.26
2003	73	111	564	7	103	4	5	0.08	1.20	4.38	3.25	1.04	0.29	0.06	0.26
2004	161	174	490	5	73	5	5	0.17	1.72	2.48	4.16	2.22	0.49	0.08	0.22
2005	80	158	406	8	53	5	3	0.22	1.27	1.94	3.62	1.30	0.75	0.10	0.23
2006	40	176	256	10	35	3	2	0.21	1.06	1.11	3.50	0.86	0.76	0.11	0.30
2007	40	103	266	11	22	4	2	0.20	0.84	0.93	3.12	0.62	0.62	0.11	0.22
2008	35	137	238	10	25	4	2	0.18	0.80	1.01	3.18	0.60	0.56	0.10	0.23
2009	40	160	277	9	46	3	2	0.15	0.85	1.76	3.11	0.71	0.51	0.10	0.28
2010	70	188	460	7	62	4	3	0.15	1.23	2.06	3.82	1.29	0.47	0.08	0.29
2011	58	160	356	9	43	4	3	0.20	1.13	1.33	3.66	1.04	0.66	0.10	0.26
2012	151	177	526	6	88	5	3	0.18	1.61	1.69	4.44	2.28	0.60	0.08	0.21
2013	156	176	482	5	87	4	3	0.19	1.65	1.47	4.37	2.22	0.65	0.09	0.21
2014	145	171	403	6	71	4	3	0.19	1.62	1.55	3.96	1.94	0.67	0.09	0.23
2015	157	169	389	5	72	5	3	0.20	1.72	1.54	4.24	1.95	0.54	0.09	0.21
2016	145	155	392	5	60	5	4	0.21	1.75	1.88	4.16	2.01	0.41	0.08	0.21
2017	130	140	372	6	59	6	4	0.20	1.63	1.82	4.07	1.78	0.25	0.09	0.22
2018	129	161	444	6	70	5	4	0.18	1.49	1.90	4.06	1.95	0.44	0.08	0.22
2019	31	80	258	10	32	3	4	0.16	0.89	0.96	3.19	0.62	0.38	0.08	0.20
2020	37	140	435	12	53	4	5	0.30	1.41	1.56	3.99	1.29	0.57	0.08	0.25
2021	30	109	503	12	42	3	5	0.27	1.19	2.22	4.16	0.93	0.67	0.09	0.22
2022	25	65	448	10	43	5	3	0.20	0.81	2.41	3.12	0.54	0.45	0.10	0.17
2023	37	72	332	11	26	4	3	0.21	0.85	0.79	3.22	0.59	0.56	0.11	0.18
2024	38	96	456	10	47	6	3	0.21	0.98	1.67	3.51	0.85	0.39	0.09	0.18
2025	64	156	565	8	70	6	6	0.20	1.39	2.17	4.44	1.52	0.38	0.08	0.20
2026	68	157	546	8	116	5	8	0.15	1.76	4.59	3.95	1.82	0.20	0.07	0.25
2027	85	134	382	6	58	5	4	0.17	1.50	2.39	3.35	1.53	0.13	0.06	0.20
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
2028	Core	8	<0.1	85	3	31	6	<5	<3	3	<10	<2	0.1	18	25	<5	21
2029	Core	8	0.1	106	<2	35	24	8	<3	3	<10	<2	0.2	23	48	<5	32
2030	Core	2	0.1	56	<2	30	81	9	<3	4	<10	<2	0.2	22	49	<5	25
2031	Core	6	<0.1	66	<2	33	54	7	<3	4	<10	<2	<0.1	23	49	<5	25
2032	Core	76	0.1	400	4	19	78	6	<3	4	<10	<2	<0.1	13	13	<5	18
2033	Core	10	0.1	318	13	39	123	9	<3	4	<10	<2	0.1	16	18	<5	23
2034	Core	<2	0.1	218	4	39	60	5	<3	4	<10	<2	0.2	16	20	<5	47
2035	Core	<2	<0.1	202	3	42	147	11	<3	4	<10	<2	0.2	17	22	<5	49
2036	Core	<2	<0.1	197	3	42	43	5	<3	3	<10	<2	0.1	19	27	<5	53
2037	Core	<2	0.1	167	<2	44	42	8	<3	4	<10	<2	0.3	22	40	<5	67
2038	Core	<2	<0.1	148	2	32	14	7	<3	3	<10	<2	0.3	19	34	<5	47
2039	Core	<2	0.1	144	<2	43	16	7	<3	3	<10	<2	0.3	24	49	<5	51
2040	Core	<2	0.2	101	<2	39	73	10	<3	3	<10	<2	0.2	23	46	<5	39
2041	Core	<2	0.1	116	<2	42	23	6	<3	3	<10	<2	0.2	24	50	<5	48
2042	Core	<2	0.1	114	<2	37	13	6	<3	4	<10	<2	0.2	23	46	<5	36
2043	Core	<2	0.1	127	<2	41	12	<5	<3	2	<10	<2	0.3	25	51	<5	51
2044	Core	<2	<0.1	108	<2	41	7	7	<3	2	<10	<2	0.3	24	49	<5	45
2045	Core	<2	<0.1	127	<2	40	252	11	<3	4	<10	<2	<0.1	22	41	<5	37
2046	Core	2	<0.1	370	6	32	193	9	<3	6	<10	<2	0.1	11	8	<5	15
2047	Core	<2	<0.1	219	5	27	40	6	<3	3	<10	<2	0.1	11	10	<5	19
2048	Core	<2	0.2	139	<2	50	22	6	<3	3	<10	<2	0.4	25	47	<5	48
2049	Core	<2	0.2	152	<2	40	10	7	<3	3	<10	<2	0.2	22	40	<5	57
Minimum Detection		2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 9100410 R Kookaburra Gold Corp. Project: COL Page 2 of 2 Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
2028	72	136	395	6	64	6	5	0.20	1.53	2.65	3.24	1.53	0.19	0.08	0.19
2029	186	163	483	5	77	4	5	0.14	1.53	2.06	4.31	2.47	0.40	0.07	0.19
2030	170	155	466	5	73	6	6	0.16	1.70	3.13	3.80	2.34	0.27	0.06	0.20
2031	181	159	524	4	77	7	7	0.16	1.65	3.17	4.06	2.22	0.21	0.07	0.16
2032	35	98	271	14	51	6	4	0.14	0.90	2.61	2.37	0.84	0.17	0.09	0.24
2033	62	131	401	10	44	5	4	0.19	1.04	2.63	3.49	1.05	0.34	0.06	0.22
2034	63	139	311	9	48	3	3	0.19	1.19	1.42	3.46	1.13	0.55	0.09	0.21
2035	66	138	445	8	69	6	3	0.22	1.15	2.37	3.71	1.32	0.64	0.08	0.20
2036	100	144	352	9	67	5	3	0.22	1.23	1.21	3.99	1.53	0.68	0.08	0.21
2037	124	182	406	7	76	4	4	0.19	1.45	1.50	4.45	1.84	0.64	0.09	0.25
2038	102	146	383	6	89	5	4	0.17	1.47	2.40	3.74	1.62	0.35	0.08	0.23
2039	166	176	446	6	93	4	3	0.16	1.44	1.36	4.67	2.10	0.55	0.08	0.23
2040	146	163	461	6	98	5	4	0.17	1.58	2.31	4.22	2.10	0.46	0.08	0.21
2041	166	175	502	5	104	5	4	0.17	1.66	1.91	4.44	2.24	0.51	0.08	0.21
2042	154	164	443	6	81	4	3	0.17	1.59	1.77	4.15	2.05	0.49	0.07	0.24
2043	160	177	505	6	109	5	3	0.18	1.66	1.54	4.48	2.36	0.57	0.09	0.21
2044	150	167	493	6	103	5	3	0.17	1.69	1.57	4.35	2.38	0.47	0.09	0.22
2045	131	165	616	5	121	6	6	0.18	1.42	4.28	4.10	1.87	0.44	0.07	0.20
2046	42	92	360	11	54	4	3	0.19	0.72	2.51	3.04	0.55	0.41	0.08	0.20
2047	33	101	259	14	62	4	3	0.21	0.85	1.70	2.54	0.69	0.34	0.11	0.27
2048	156	175	556	5	98	5	4	0.18	1.56	1.75	4.78	2.09	0.49	0.10	0.20
2049	138	163	505	6	80	5	3	0.17	1.42	1.39	4.34	1.89	0.52	0.09	0.21
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 9100412 R Kookaburra Gold Corp. Project: None Given Page 1 of 2 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
2050	Core	104	<0.1	288	3	28	12	6	<3	4	<10	<2	<0.1	23	38	<5	34
2051	Core	2	<0.1	126	4	45	17	6	<3	3	<10	<2	<0.1	22	44	<5	51
2052	Core	2	0.1	135	<2	42	10	6	<3	4	<10	5	<0.1	23	45	<5	54
2053	Core	<2	0.1	81	3	33	11	6	<3	3	<10	<2	<0.1	18	34	<5	40
2054	Core	<2	0.2	235	5	36	14	5	<3	3	<10	<2	<0.1	12	13	<5	24
2055	Core	<2	0.2	225	4	38	6	<5	<3	4	<10	<2	<0.1	11	11	<5	15
2056	Core	10	0.3	405	7	24	15	6	<3	5	<10	3	<0.1	8	6	<5	7
2057	Core	10	0.1	136	5	19	24	5	<3	4	<10	<2	<0.1	10	9	<5	23
2058	Core	4	<0.1	40	<2	25	20	<5	<3	5	<10	<2	<0.1	22	23	<5	8
2059	Core	6	<0.1	74	<2	36	35	5	<3	3	<10	<2	<0.1	22	29	<5	16
2060	Core	12	0.1	243	<2	29	49	5	<3	4	<10	<2	<0.1	22	32	<5	28
2061	Core	6	<0.1	98	<2	36	16	6	<3	5	<10	<2	<0.1	21	31	<5	10
2062	Core	4	0.1	163	<2	32	5	<5	<3	3	<10	<2	0.1	20	29	<5	49
2063	Core	2	<0.1	75	<2	27	9	5	<3	3	<10	<2	0.1	18	30	<5	25
2064	Core	4	0.1	131	2	36	8	5	<3	3	<10	5	0.2	20	30	<5	33
2065	Core	<2	<0.1	94	2	39	13	5	<3	3	<10	<2	<0.1	21	32	<5	23
2067	Core	4	<0.1	128	9	54	27	6	<3	3	<10	6	0.1	19	29	<5	34
2068	Core	6	0.1	277	19	115	68	6	<3	5	<10	<2	0.2	20	31	<5	22
2069	Core	4	<0.1	165	6	37	87	6	<3	4	<10	<2	0.1	14	19	<5	33
2070	Core	12	0.1	640	<2	44	79	6	<3	15	<10	<2	0.2	18	28	<5	26
2071	Core	10	0.1	266	2	24	38	6	<3	8	<10	<2	<0.1	8	14	<5	6
2072	Core	10	<0.1	187	2	19	59	5	<3	13	<10	<2	<0.1	12	16	<5	20
2073	Core	2	<0.1	149	<2	29	32	5	<3	5	<10	<2	<0.1	19	30	<5	40
2074	Core	4	<0.1	113	<2	33	113	5	<3	3	<10	<2	<0.1	19	30	<5	33
2075	Core	2	<0.1	85	<2	29	51	5	<3	3	<10	<2	<0.1	17	29	<5	33
2076	Core	4	<0.1	134	<2	36	271	6	<3	4	<10	<2	0.1	17	25	<5	34
2077	Core	22	<0.1	632	<2	30	73	6	<3	6	<10	<2	<0.1	15	22	<5	37
2078	Core	18	0.1	1076	2	35	100	5	<3	28	<10	<2	0.2	15	19	<5	28
2079	Core	<2	0.1	193	<2	34	63	<5	<3	3	<10	<2	<0.1	14	15	<5	29
2080	Core	6	<0.1	421	3	33	65	5	<3	13	<10	3	0.1	15	17	<5	62
2081	Core	28	0.1	709	2	32	62	6	<3	11	<10	<2	<0.1	16	21	<5	52
2082	Core	10	<0.1	306	3	36	301	7	<3	10	<10	<2	0.1	14	17	<5	53
2083	Core	10	<0.1	231	<2	40	147	5	<3	5	<10	<2	0.1	17	21	<5	61
2084	Core	6	0.1	129	2	41	184	7	<3	18	<10	<2	<0.1	20	31	<5	45
2085	Core	10	0.1	235	3	30	101	6	<3	8	<10	<2	<0.1	15	20	<5	28
2086	Core	2	<0.1	414	<2	34	138	<5	<3	8	<10	<2	<0.1	15	22	<5	17
2087	Core	4	<0.1	117	<2	43	156	6	<3	4	<10	<2	<0.1	19	29	<5	41
2088	Core	6	<0.1	153	<2	46	245	5	<3	5	<10	<2	0.1	21	30	<5	43
2089	Core	6	0.1	131	<2	44	644	7	<3	7	<10	3	<0.1	20	30	<5	51
Minimum Detection		2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
2050	130	128	337	6	48	4	3	0.17	1.49	1.26	3.92	1.74	0.34	0.06	0.22
2051	140	138	449	6	51	5	2	0.17	1.45	1.56	3.91	1.79	0.47	0.06	0.20
2052	159	154	453	5	66	4	2	0.17	1.33	1.18	4.32	1.82	0.68	0.07	0.18
2053	113	122	394	7	60	5	3	0.17	1.36	1.73	3.29	1.54	0.43	0.08	0.19
2054	39	110	310	11	39	4	2	0.14	0.84	1.26	3.07	0.73	0.35	0.09	0.23
2055	46	91	330	9	32	4	2	0.14	0.78	0.98	3.54	0.68	0.27	0.09	0.20
2056	41	56	282	9	42	5	3	0.13	0.63	1.79	2.00	0.55	0.23	0.08	0.18
2057	30	61	253	9	59	5	3	0.15	0.81	1.88	1.86	0.73	0.14	0.09	0.20
2058	74	129	542	7	158	3	7	0.07	1.82	4.38	4.30	1.85	0.07	0.05	0.19
2059	67	155	422	7	68	4	4	0.10	1.74	2.40	4.51	1.75	0.15	0.05	0.19
2060	86	145	347	5	51	5	3	0.16	1.49	1.59	4.18	1.55	0.23	0.06	0.20
2061	74	127	543	6	95	5	7	0.13	1.80	3.96	3.94	1.92	0.16	0.05	0.20
2062	84	174	368	6	53	4	3	0.17	1.23	1.19	4.31	1.46	0.56	0.08	0.20
2063	80	131	319	6	57	4	3	0.16	1.52	1.61	3.35	1.50	0.25	0.08	0.21
2064	91	164	326	7	48	4	2	0.17	1.38	1.32	3.95	1.37	0.34	0.06	0.20
2065	88	153	377	7	53	5	3	0.18	1.55	1.91	3.79	1.56	0.16	0.07	0.21
2067	95	168	620	6	79	3	4	0.14	1.47	1.84	4.23	1.65	0.38	0.07	0.20
2068	92	160	994	6	71	4	7	0.12	1.85	2.96	4.32	2.09	0.25	0.07	0.20
2069	65	126	467	7	61	3	3	0.11	0.97	2.12	3.20	1.05	0.32	0.07	0.19
2070	82	154	536	6	86	4	6	0.10	1.39	2.48	3.88	1.66	0.24	0.09	0.19
2071	85	79	392	5	104	4	4	0.09	1.13	2.85	2.11	0.88	0.08	0.10	0.06
2072	92	84	242	6	59	4	4	0.15	0.98	1.31	2.34	1.06	0.30	0.12	0.15
2073	101	159	388	6	85	4	5	0.17	1.44	1.99	3.88	1.73	0.49	0.11	0.18
2074	100	166	425	6	92	5	6	0.14	1.38	2.38	4.12	1.78	0.35	0.09	0.20
2075	85	169	388	7	94	5	6	0.14	1.37	2.20	4.29	1.71	0.33	0.11	0.22
2076	83	146	483	7	111	6	7	0.13	1.25	3.19	3.69	1.43	0.40	0.10	0.21
2077	72	139	396	7	86	5	5	0.15	1.23	2.32	3.40	1.33	0.38	0.11	0.22
2078	41	149	442	10	81	4	4	0.13	1.03	2.27	3.96	1.11	0.37	0.10	0.26
2079	44	140	373	8	73	3	4	0.13	0.97	1.92	3.45	1.07	0.44	0.09	0.25
2080	37	148	289	9	60	3	3	0.16	1.05	1.35	3.46	0.97	0.53	0.11	0.25
2081	67	137	322	8	55	3	3	0.17	1.16	1.53	3.47	1.12	0.42	0.09	0.22
2082	44	138	369	8	81	3	4	0.14	1.09	2.01	3.42	1.18	0.41	0.13	0.24
2083	66	158	359	8	88	4	4	0.15	1.19	1.50	3.88	1.27	0.51	0.15	0.24
2084	101	173	534	7	103	5	5	0.16	1.40	2.32	4.27	1.71	0.48	0.14	0.21
2085	58	126	376	10	84	5	6	0.16	1.18	2.06	3.14	1.46	0.29	0.12	0.23
2086	79	119	442	10	72	4	5	0.16	1.20	2.19	3.30	1.22	0.19	0.08	0.20
2087	86	170	419	6	81	4	5	0.15	1.43	1.90	4.12	1.70	0.35	0.11	0.20
2088	88	175	438	7	98	5	5	0.15	1.46	1.93	4.48	1.99	0.38	0.12	0.22
2089	85	167	388	6	98	4	4	0.13	1.30	1.85	4.21	1.73	0.42	0.14	0.19
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
2090	Core	50	0.1	770	17	39	433	7	<3	100	<10	2	<0.1	13	20	<5	20
2091	Core	22	<0.1	305	<2	50	1197	11	3	19	<10	<2	<0.1	21	34	<5	19
2092	Core	14	<0.1	354	<2	42	772	10	4	8	<10	<2	<0.1	22	33	<5	29
2093	Core	14	0.1	142	<2	35	109	6	<3	4	<10	<2	<0.1	18	30	<5	23
2094	Core	8	<0.1	538	<2	39	31	5	<3	3	<10	<2	<0.1	19	31	<5	24
2095	Core	8	<0.1	236	<2	52	41	6	<3	4	<10	<2	<0.1	18	28	<5	32
2096	Core	<2	<0.1	366	2	40	105	5	<3	8	<10	<2	0.1	15	21	<5	51
2097	Core	6	<0.1	272	2	41	173	<5	<3	13	<10	<2	0.1	16	23	<5	49
2098	Core	12	<0.1	478	3	40	180	6	<3	5	<10	3	<0.1	16	23	<5	44
2099	Core	10	<0.1	515	<2	37	158	5	<3	8	<10	<2	<0.1	15	23	<5	45
2100	Core	8	<0.1	312	<2	47	36	6	<3	7	<10	<2	<0.1	19	30	<5	66
2101	Core	12	0.1	276	2	45	25	6	<3	6	<10	<2	<0.1	18	28	<5	67
2102	Core	10	0.1	484	2	44	5	<5	<3	17	<10	<2	0.1	18	28	<5	61
2103	Core	4	<0.1	193	<2	45	5	5	<3	3	<10	<2	0.2	17	25	<5	63
2104	Core	4	<0.1	284	<2	45	8	<5	<3	3	<10	<2	0.2	15	19	<5	62
2105	Core	10	<0.1	310	<2	44	37	5	<3	7	<10	5	0.1	14	16	<5	50
2106	Core	16	<0.1	511	4	40	73	<5	<3	4	<10	<2	0.1	13	17	<5	49
2107	Core	14	<0.1	453	3	42	7	5	<3	4	<10	<2	<0.1	13	16	<5	38
2108	Core	6	<0.1	280	2	44	8	<5	<3	4	<10	<2	0.1	14	16	<5	47
2109	Core	8	0.2	375	7	42	<5	<5	<3	4	<10	<2	<0.1	14	15	<5	45
2110	Core	12	<0.1	406	5	32	78	5	<3	3	<10	<2	<0.1	11	13	<5	35
2111	Core	6	<0.1	262	2	41	70	<5	<3	4	<10	<2	0.1	12	15	<5	33
2112	Core	6	0.1	244	<2	45	21	5	<3	5	<10	<2	0.2	15	34	<5	49
2113	Core	6	<0.1	130	2	27	14	<5	<3	2	<10	<2	<0.1	14	19	<5	103
2114	Core	6	0.1	97	2	36	11	6	<3	2	<10	<2	<0.1	19	29	<5	102
2115	Core	2	<0.1	28	<2	63	5	<5	<3	2	<10	<2	<0.1	27	41	<5	91
2116	Core	2	<0.1	10	2	27	10	5	<3	3	<10	<2	<0.1	6	4	<5	23
2117	Core	2	<0.1	14	<2	34	6	5	<3	3	<10	<2	<0.1	6	4	<5	31
2118	Core	<2	<0.1	6	4	28	<5	<5	<3	2	<10	<2	<0.1	3	4	<5	19
2119	Core	12	0.3	22	3	32	45	<5	<3	4	<10	<2	0.1	8	11	<5	22
2120	Core	<2	<0.1	6	4	25	<5	<5	<3	2	<10	3	0.1	6	4	<5	25
2121	Core	8	0.3	14	36	48	22	5	<3	6	<10	<2	0.6	3	3	<5	20
2122	Core	6	<0.1	7	3	29	5	<5	<3	4	<10	<2	<0.1	4	3	<5	13
2123	Core	10	<0.1	26	4	44	8	5	<3	3	<10	<2	<0.1	6	4	<5	23
2124	Core	4	0.1	29	4	24	<5	6	<3	2	<10	<2	<0.1	4	4	<5	37
2125	Core	6	0.1	112	4	26	<5	<5	<3	5	<10	<2	<0.1	4	3	<5	25
Minimum Detection		2	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5	2
Maximum Detection		10000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed ReC = ReCheck in progress ins = Insufficient Sample

9 - 16
91-11
91-10

Report: 9100412 R Kookaburra Gold Corp. Project: None Given Page 2 of 2 Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
2090	58	97	426	4	71	3	4	0.11	1.07	3.28	2.86	1.01	0.16	0.09	0.11
2091	89	189	629	8	98	5	7	0.17	1.68	4.34	>5.00	1.96	0.24	0.08	0.19
2092	90	172	562	5	121	5	8	0.14	1.58	2.70	4.52	2.48	0.31	0.10	0.18
2093	90	157	472	6	94	4	5	0.12	1.46	2.08	3.95	1.97	0.23	0.08	0.19
2094	92	169	464	5	102	5	6	0.14	1.46	1.96	4.18	2.03	0.24	0.08	0.18
2095	80	149	506	7	127	4	7	0.09	1.28	1.97	4.27	1.72	0.27	0.09	0.20
2096	63	145	472	7	85	4	4	0.12	0.95	2.10	3.59	1.05	0.37	0.09	0.23
2097	68	153	500	8	88	4	5	0.13	0.95	2.17	3.65	1.15	0.40	0.08	0.24
2098	70	138	505	7	89	5	5	0.13	1.06	2.33	3.57	1.19	0.33	0.09	0.23
2099	79	128	459	9	82	4	5	0.14	1.05	2.09	3.53	1.29	0.36	0.11	0.25
2100	101	172	427	8	98	4	6	0.15	1.25	1.50	4.43	1.90	0.45	0.11	0.23
2101	89	165	397	8	92	3	5	0.15	1.19	1.38	4.14	1.82	0.42	0.11	0.24
2102	100	164	392	8	76	4	4	0.14	1.13	1.25	4.13	1.61	0.38	0.10	0.23
2103	79	160	360	9	78	3	4	0.13	1.09	1.02	4.03	1.55	0.45	0.12	0.23
2104	59	151	340	9	68	3	4	0.14	1.04	0.97	3.88	1.31	0.50	0.12	0.23
2105	65	138	381	9	57	3	4	0.16	1.00	1.37	3.64	1.23	0.47	0.08	0.23
2106	52	129	416	9	73	4	4	0.13	1.02	1.59	3.52	1.33	0.36	0.10	0.23
2107	61	132	404	9	63	4	5	0.12	0.97	1.40	3.68	1.21	0.30	0.08	0.24
2108	45	135	462	9	69	4	5	0.13	1.01	1.61	3.81	1.20	0.37	0.09	0.24
2109	50	129	521	10	66	5	5	0.12	0.91	1.73	3.55	1.01	0.37	0.08	0.23
2110	45	117	378	8	61	4	4	0.11	0.76	1.60	3.19	0.73	0.27	0.09	0.21
2111	59	131	524	9	64	3	6	0.11	0.93	1.85	3.49	0.94	0.32	0.07	0.22
2112	62	140	469	10	69	3	6	0.17	1.07	1.53	3.85	1.22	0.54	0.09	0.23
2113	37	106	495	9	87	2	4	0.16	1.33	1.62	3.07	1.43	0.49	0.10	0.21
2114	39	97	600	11	84	2	6	0.16	1.49	1.96	3.57	1.82	0.45	0.08	0.26
2115	30	128	1558	13	145	2	14	0.06	2.22	5.70	>5.00	1.27	0.48	0.04	0.30
2116	41	22	710	9	79	5	3	0.04	0.61	1.38	2.52	0.40	0.19	0.07	0.07
2117	32	25	729	12	94	5	4	0.04	0.68	1.34	2.86	0.47	0.25	0.08	0.08
2118	39	11	603	17	71	8	2	0.02	0.75	0.65	2.09	0.32	0.18	0.08	0.03
2119	62	38	778	6	119	4	5	0.01	0.71	2.50	2.61	0.92	0.20	0.06	0.07
2120	44	20	568	12	88	6	4	0.02	0.72	1.23	2.73	0.49	0.20	0.08	0.07
2121	51	4	634	14	36	7	1	<0.01	0.68	1.24	1.67	0.37	0.21	0.04	0.02
2122	47	9	753	18	42	9	3	0.01	0.60	0.84	2.42	0.22	0.11	0.07	0.03
2123	58	21	579	16	102	6	3	0.03	0.81	1.41	2.49	0.53	0.21	0.06	0.06
2124	72	18	495	11	85	5	2	0.01	0.55	1.06	2.11	0.31	0.17	0.06	0.04
2125	33	15	536	8	108	3	2	<0.01	0.49	1.39	2.14	0.35	0.11	0.06	0.04
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed ReC = ReCheck in progress ins = Insufficient Sample

ICP
INTERNATIONAL PLASMA LABORATORY LTD.
2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
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APPENDIX III

Analytical Procedures

Method of Gold analysis by Fire Assay / AAS

(a) 20.0 to 30.0 grams of sample is mixed with a combination of fluxes in a fusion pot. The sample is then fused at high temperature to form a lead "button".

(b) The precious metals are extracted by cupellation. The gold bead is then dissolved in boiling concentrated aqua regia solution heated by a hot water bath.

(c) The gold in solution is determined with an Atomic Absorption Spectrometer. The gold value, in parts per billion, is calculated by comparision with a set of known gold standards.

QUALITY CONTROL

Every fusion of 24 pots contains 22 samples, one internal standard or blank, and a random reweigh of one of the samples. Samples with anomalous gold values greater than 500 ppb are automatically checked by Fire Assay/AA methods. Samples with gold values greater than 10000 ppb are automatically checked by Fire Assay/Gravimetric methods.

Method of ICP Multi-element Analyses

(a) 0.50 grams of sample is digested with diluted aqua regia solution by heating in a hot water bath for 90 minutes, then cooled, bulked up to a fixed volume with demineralized water, and thoroughly mixed.

(b) The specific elements are determined using an Inductively Coupled Argon Plasma spectrophotometer. All elements are corrected for inter-element interference. All data are subsequently stored onto computer diskette.

* Aqua regia leaching is partial for Al,Ba,Ca,Cr,K,La,Mg, Na,Sc,Sn,Sr,Th,Ti,W and Zr.

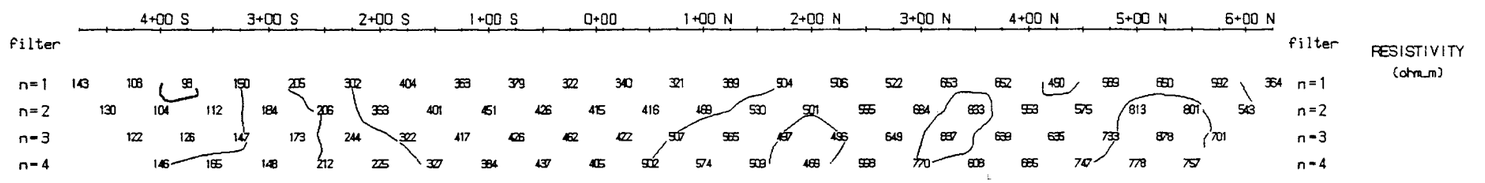
QUALITY CONTROL

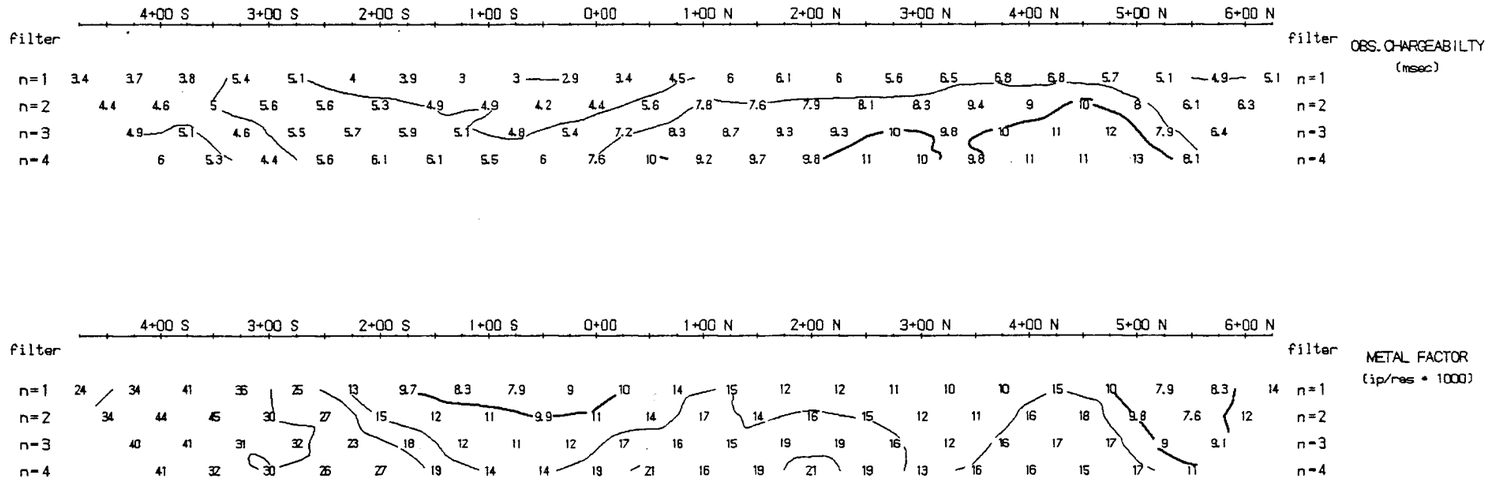
The machine is first calibrated using six known standards and a blank. The test samples are then run in batches.

A sample batch consists of 38 or less samples. Two tubes are placed before a set. These are an Inhouse standard and an acid blank, which are both digested with the samples. A known standard with characteristics best matching the samples is chosen and placed after every fifteenth sample. After every 38th sample (not including standards), two samples, chosen at random, are reweighed and analysed. At the end of a batch, the standard and blank used at the beginning is rerun. The readings for these knowns are compared with the pre-rack knowns to detect any calibration drift.

APPENDIX IV

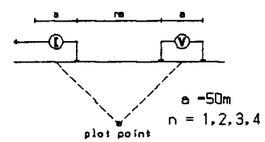
IP Pseudosections





Line 1100 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

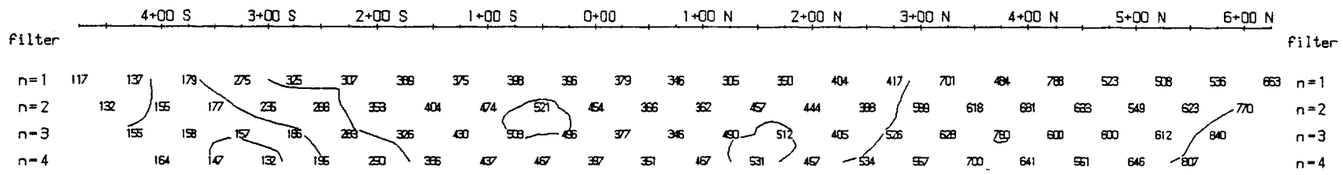
KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 1100 E
Col Property, Omineca M.D., B.C.

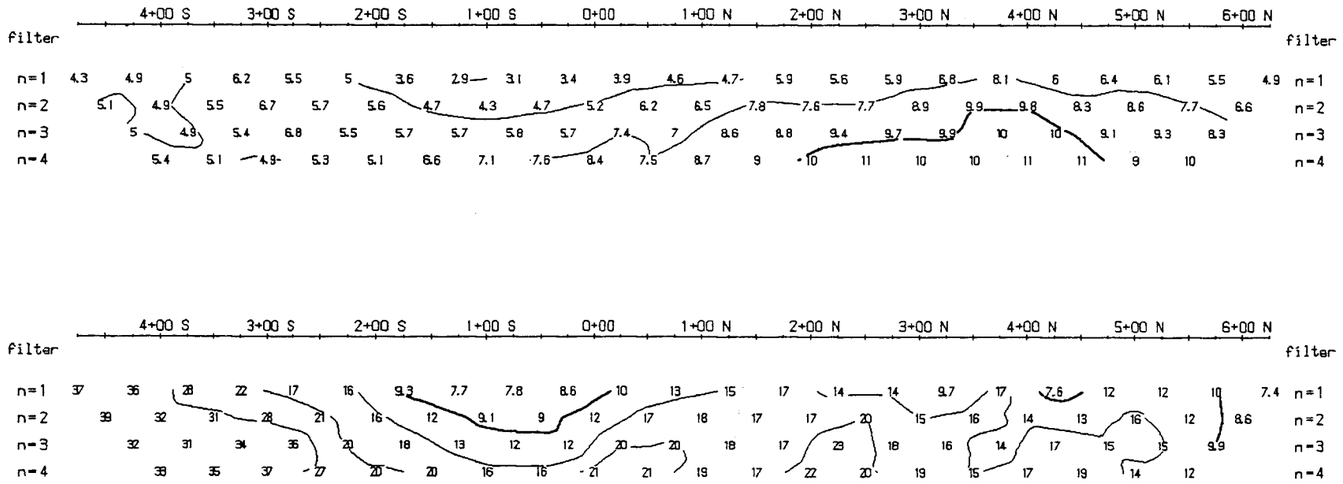
Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical

GEOSOFT (tm) Software for the Earth Sciences, Toronto, Canada



RESISTIVITY (ohm_m)



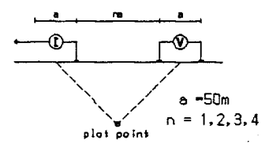
OBS. CHARGEABILTY (msec)

METAL FACTOR (ip/res * 1000)

GEOSOFT (tm) Software for the Earth Sciences. Toronto, Canada

Line 1200 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

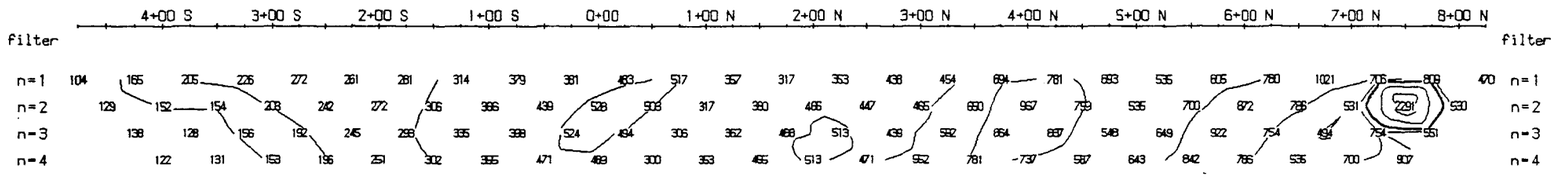
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

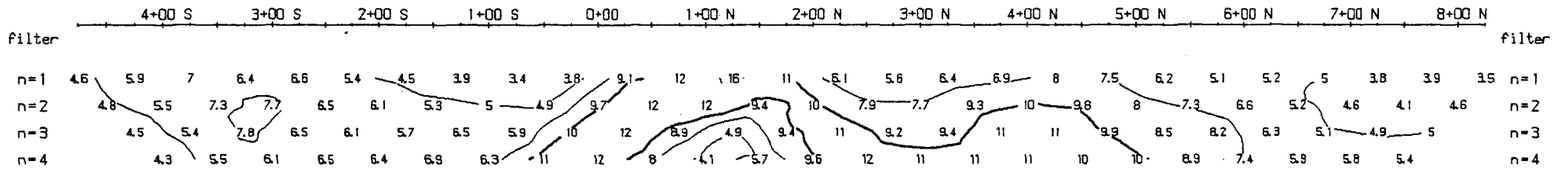
INDUCED POLARIZATION SURVEY
Line 1200 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

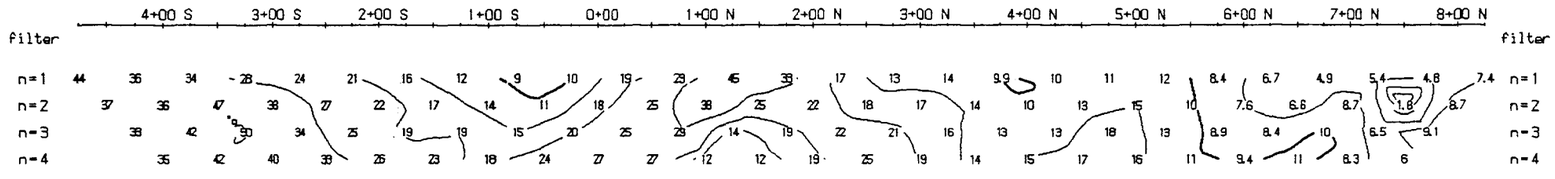
Pacific Geophysical



RESISTIVITY (ohm_m)



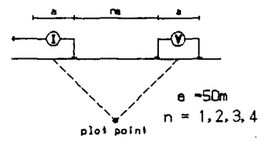
OBS. CHARGEABILTY (msec)



METAL FACTOR (ip/res * 1000)

Line 1300 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

Weak increase in polarization

KOOKABURRA GOLD CORPORATION

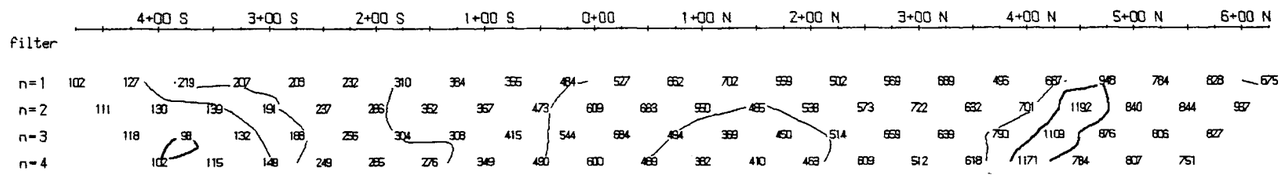
INDUCED POLARIZATION SURVEY

Line 1300 E

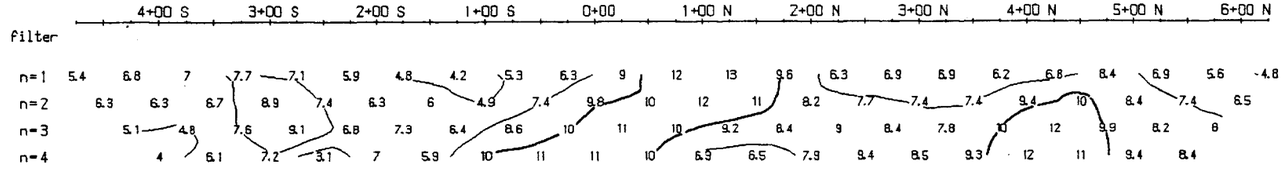
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

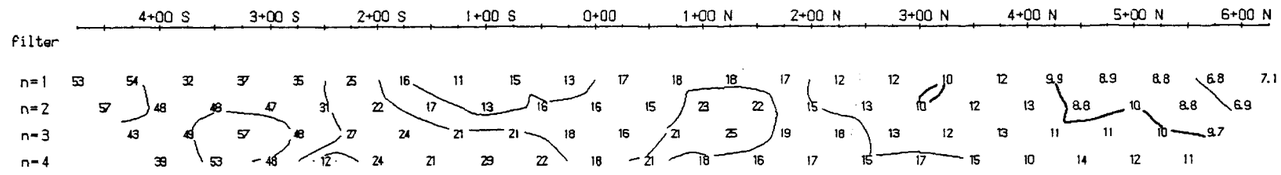
Pacific Geophysical



RESISTIVITY
(ohm_m)



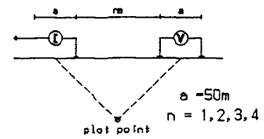
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

Line 1400 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

Weak increase in polarization

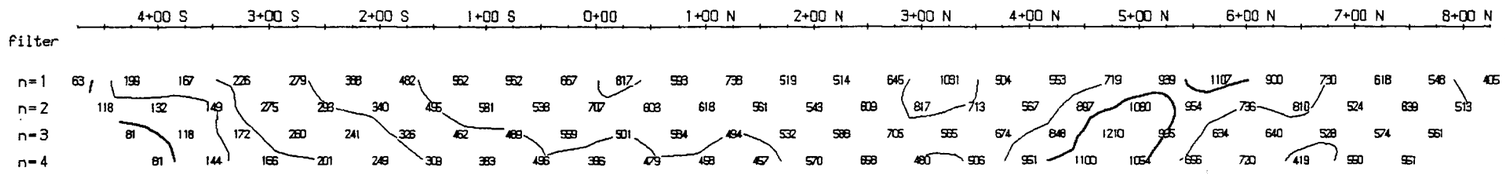
KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 1400 E
Col Property, Ominece M.D., B.C.

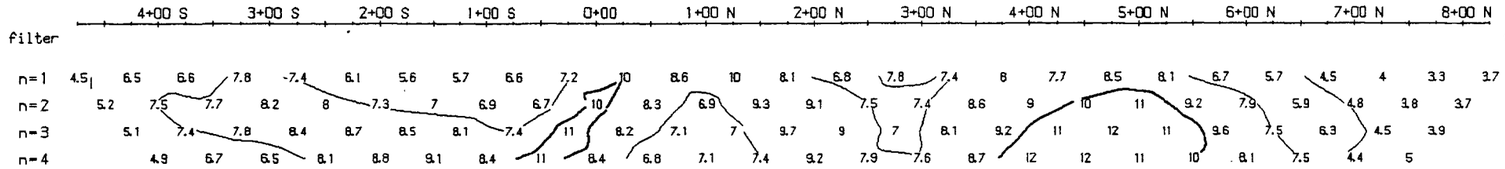
Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical

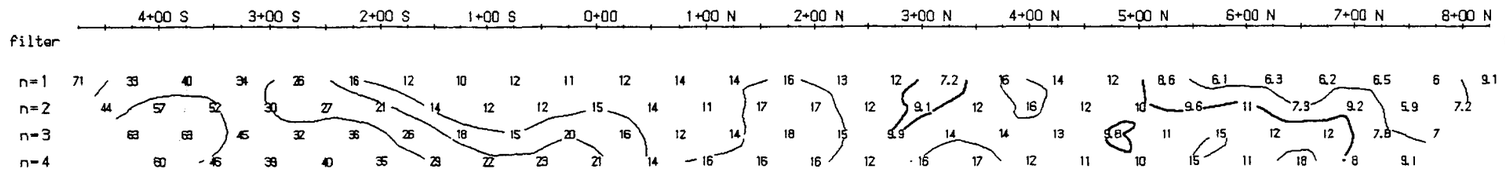
GEOSOFT (tm) Software For the Earth Sciences, Toronto, Canada



RESISTIVITY (ohm_m)



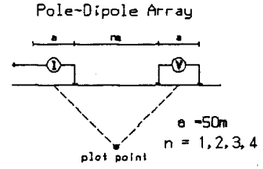
OBS. CHARGEABILITY (msec)



METAL FACTOR (ip/res * 10000)

Line 1500 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

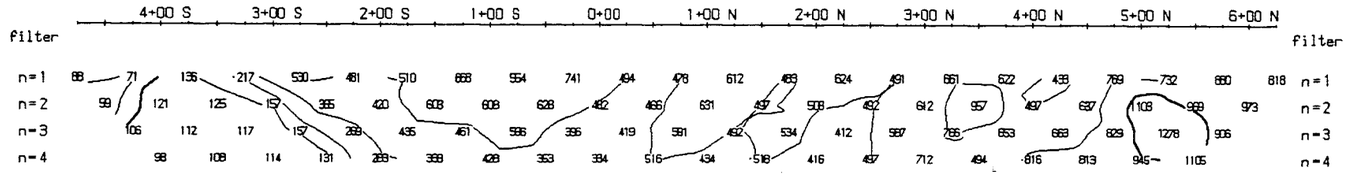
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

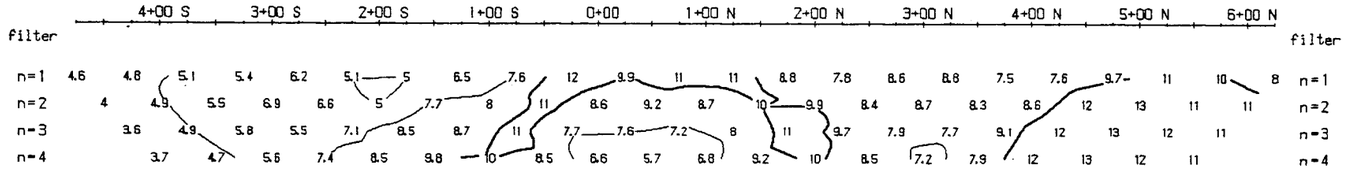
INDUCED POLARIZATION SURVEY
Line 1500 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

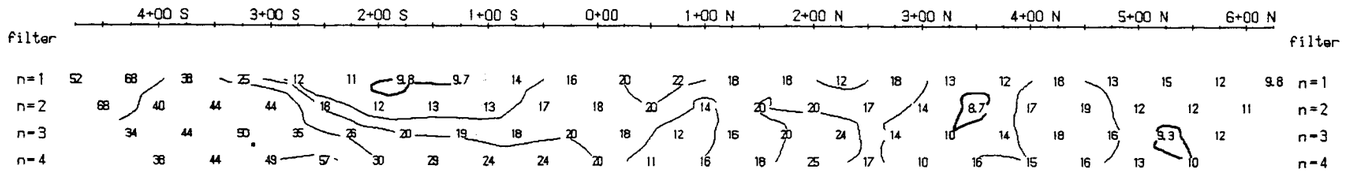
Pacific Geophysical



RESISTIVITY (ohm_m)



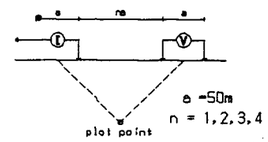
OBS. CHARGEABILTY (msec)



METAL FACTOR (ip/res • 1000)

Line 1600 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

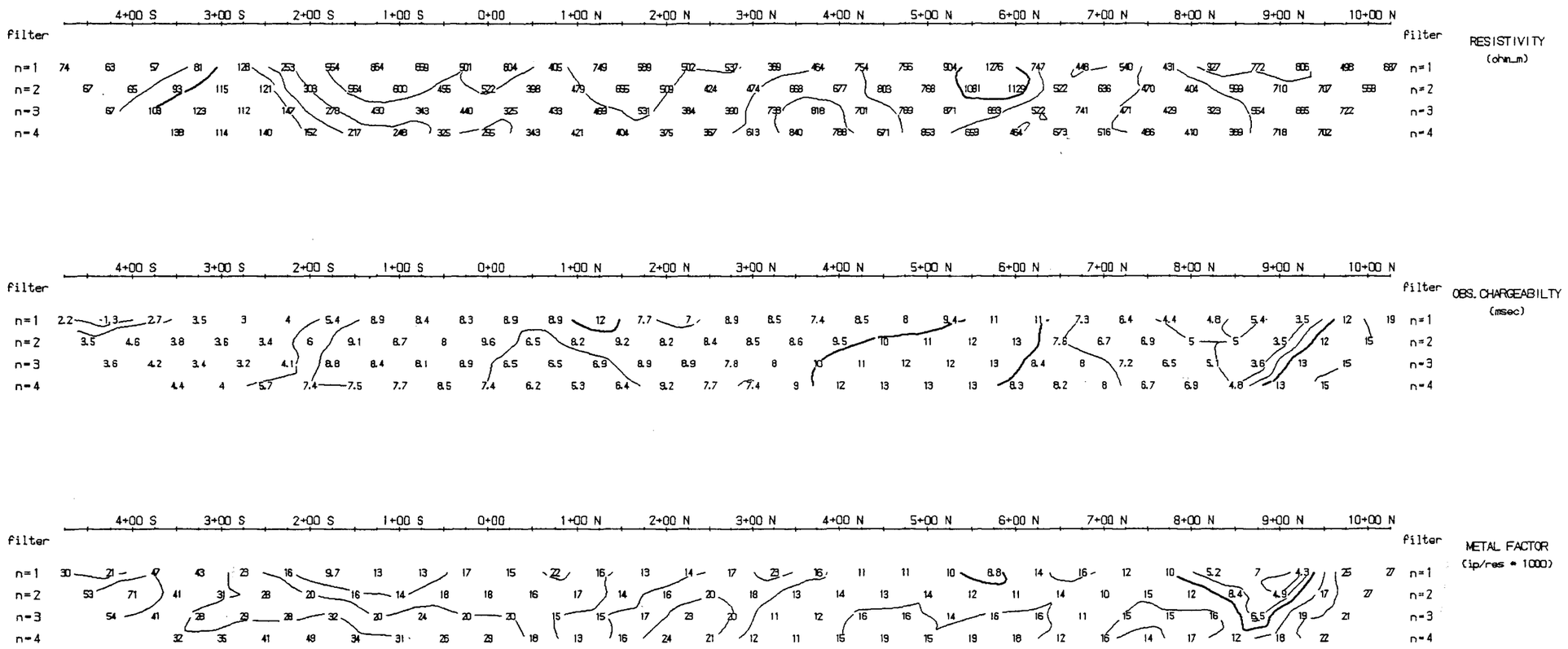
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 1600 E
Col Property, Omineca M.D., B.C.

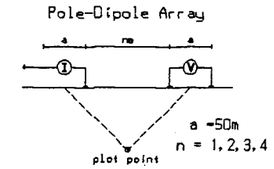
Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical



Line 1700 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

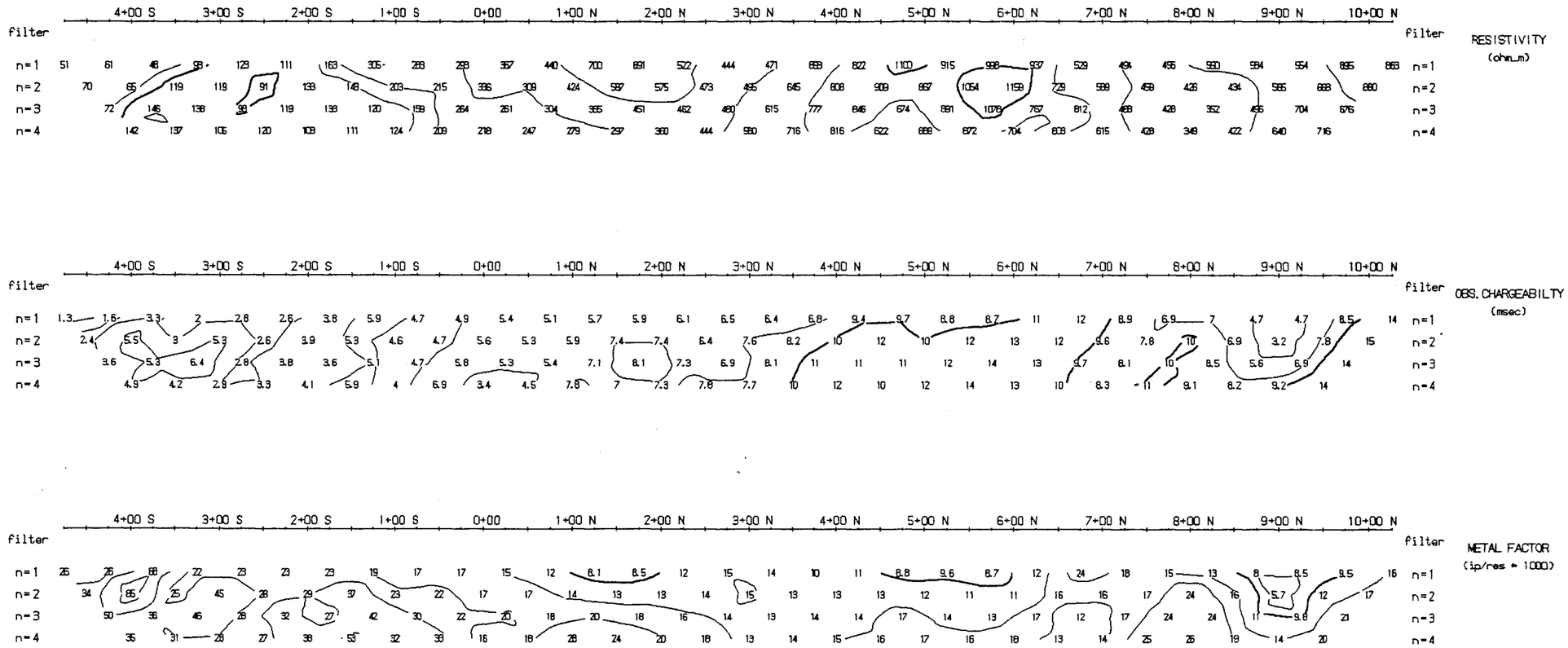
KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 1700 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

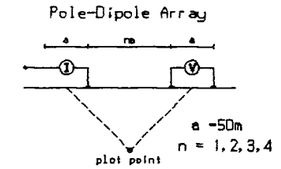
Pacific Geophysical

GEOSOFT (tm) Software for the Earth Sciences, Toronto, Canada



Line 1800 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

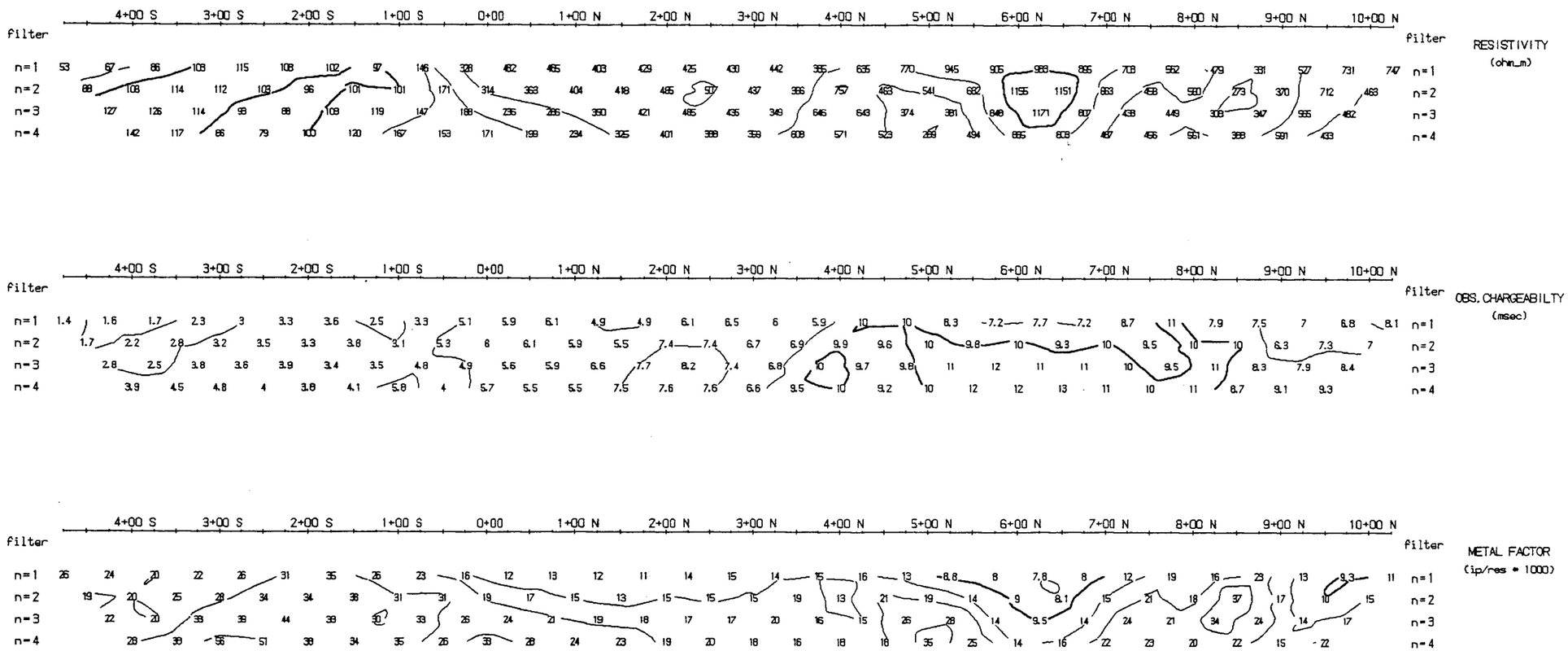
KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 1800 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

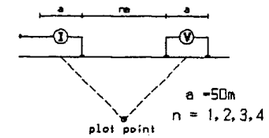
Pacific Geophysical

GEOSOFT (tm) Software for the Earth Sciences, Toronto, Canada



Line 1900 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

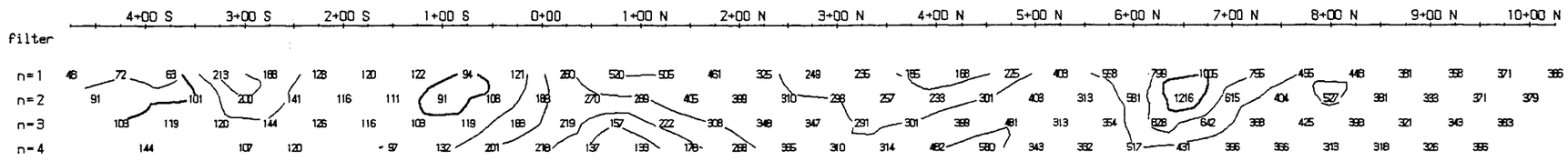
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

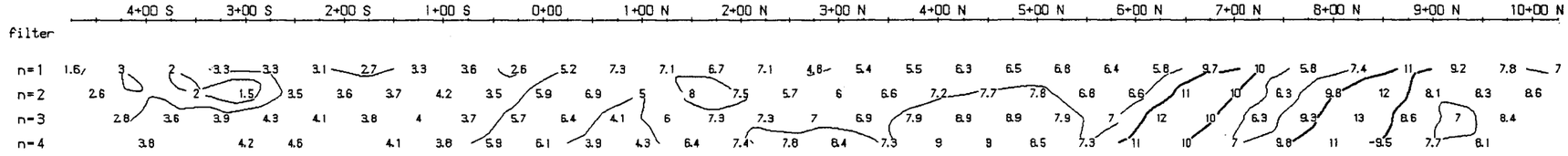
INDUCED POLARIZATION SURVEY
Line 1900 E
Col Property, Ominaca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

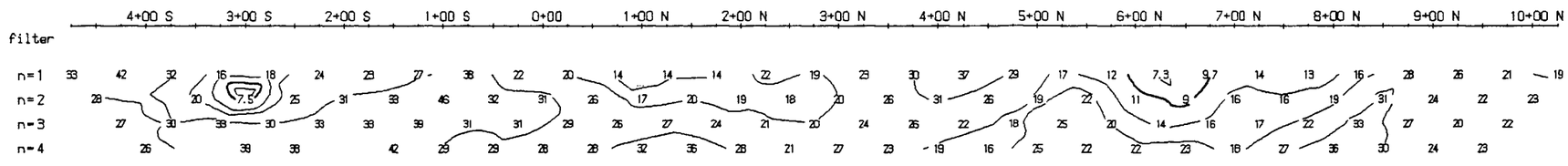
Pacific Geophysical



RESISTIVITY
(ohm_m)



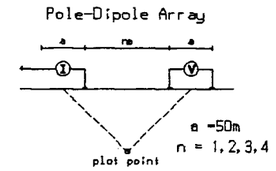
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

Line 2000 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

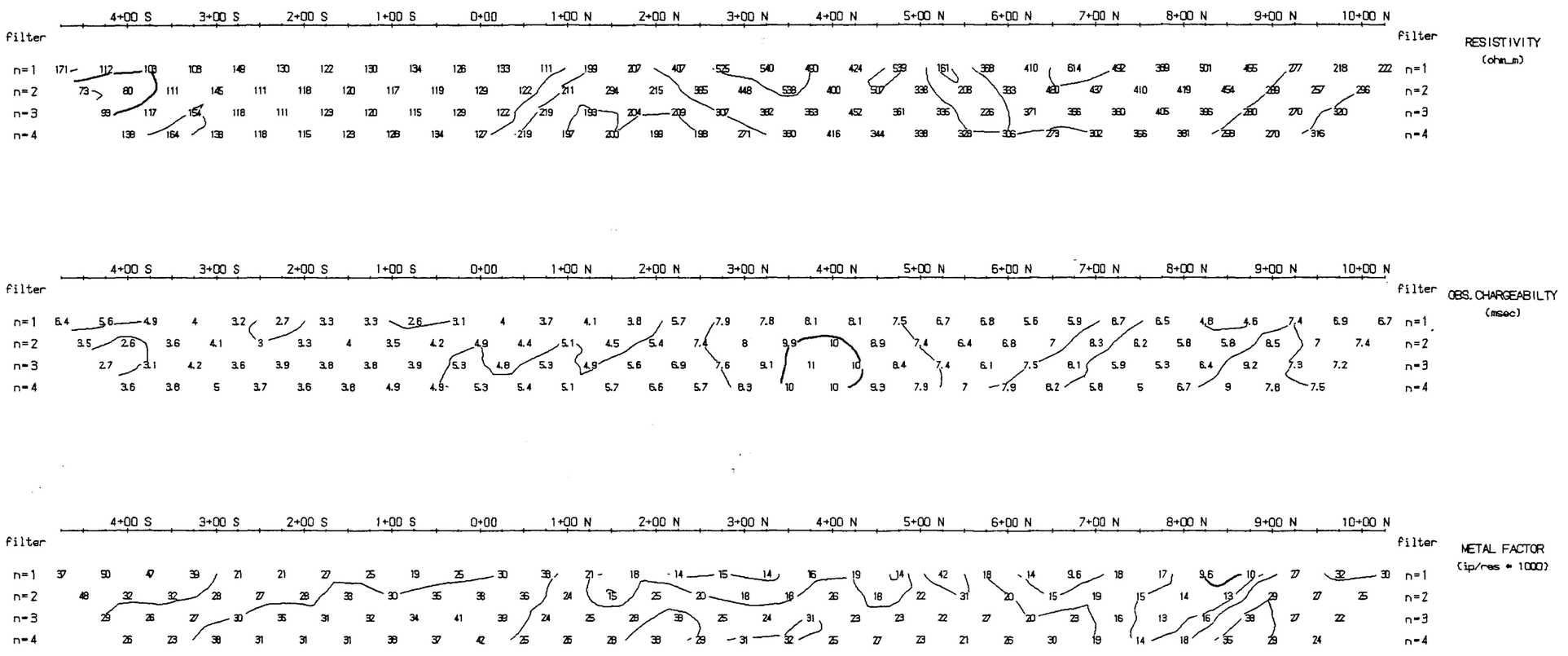
Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 2000 E
Col Property, Omineca M.D., B.C.

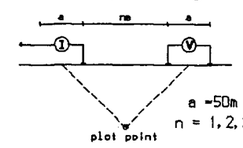
Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical



Line 2100 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 2100 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical

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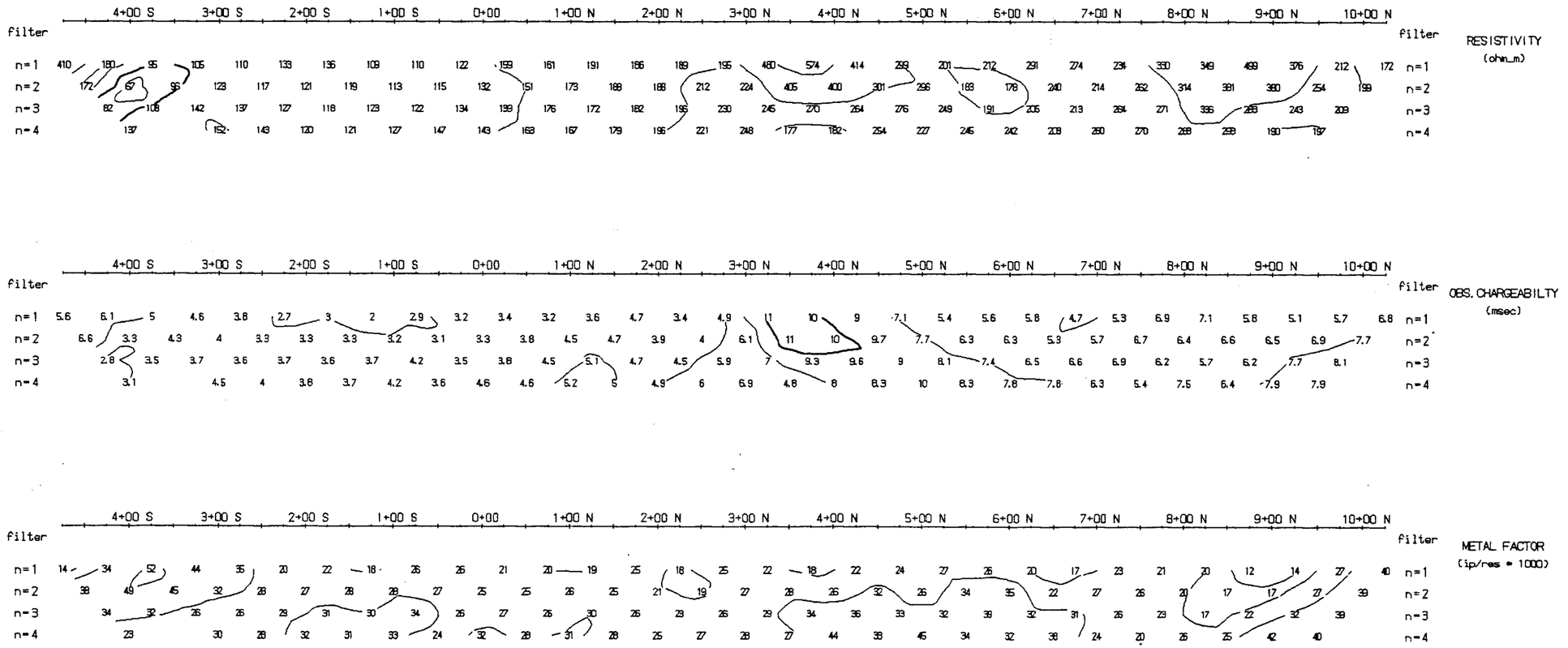
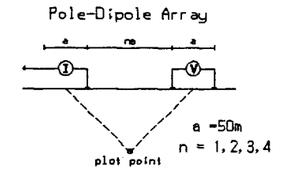


Line 2200 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

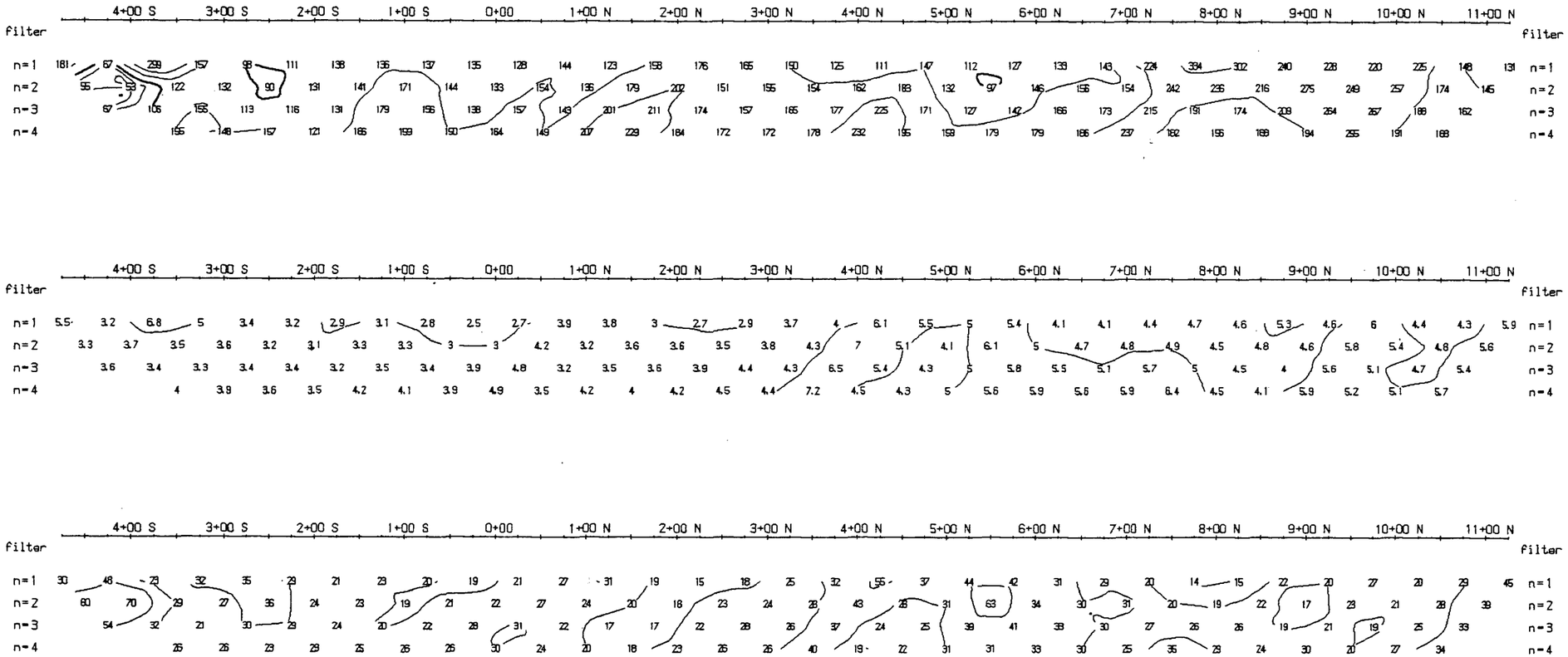
Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 2200 E
Col Property, Ominsca M.D., B.C.

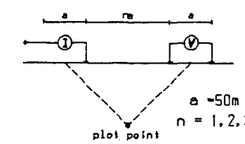
Date: July, 1991
Interpretation by:
Scale 1:5000

Pacific Geophysical



Line 2300 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10....

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

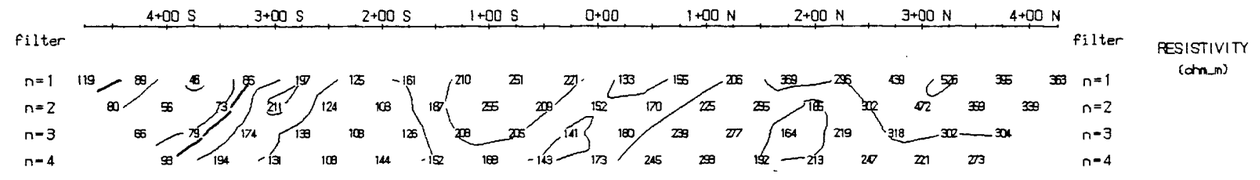
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

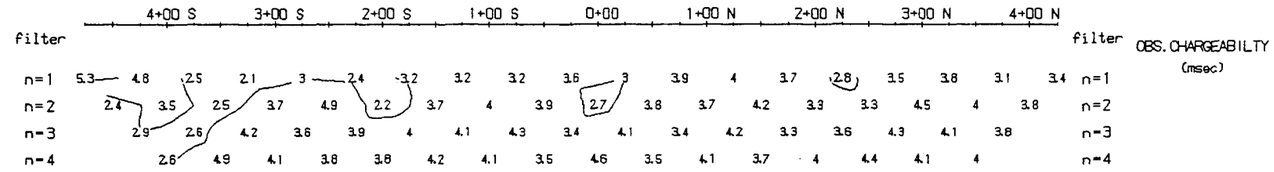
INDUCED POLARIZATION SURVEY
Line 2300 E
Col Property, Ominece M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

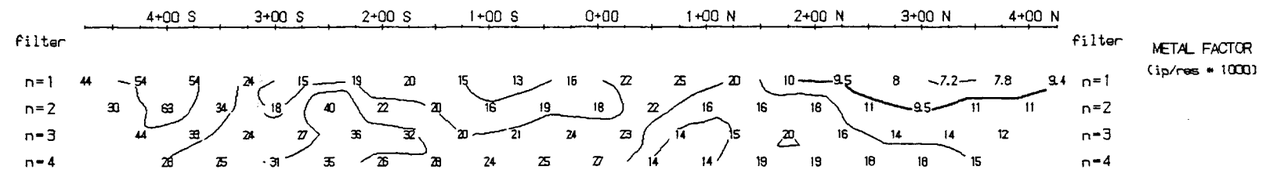
Pacific Geophysical



RESISTIVITY
(ohm_m)



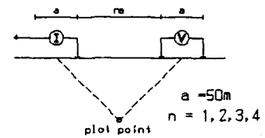
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

Line 2400 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 2400 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical

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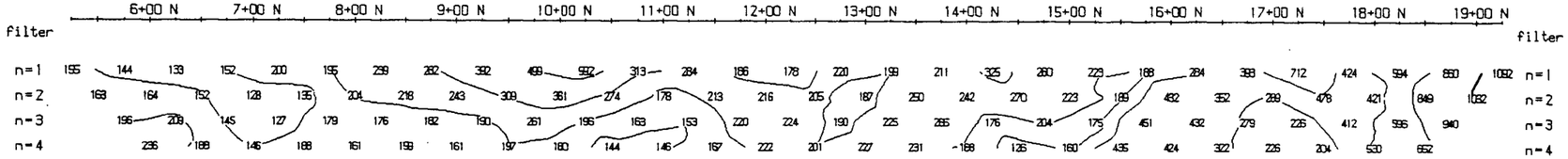
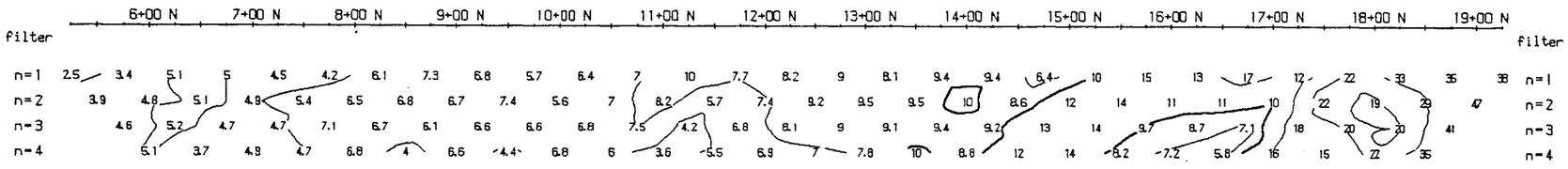
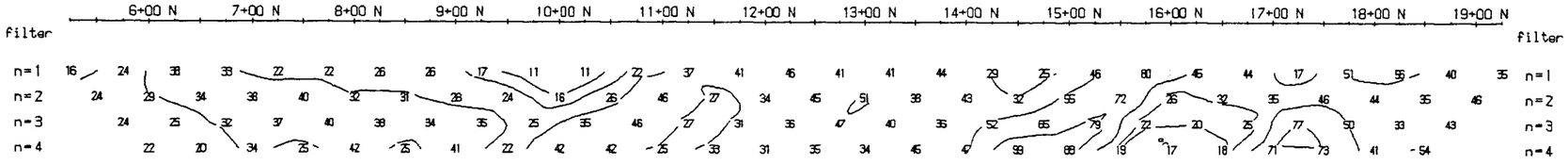


RESISTIVITY
(ohm_m)



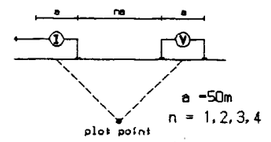
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

Line 2400 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

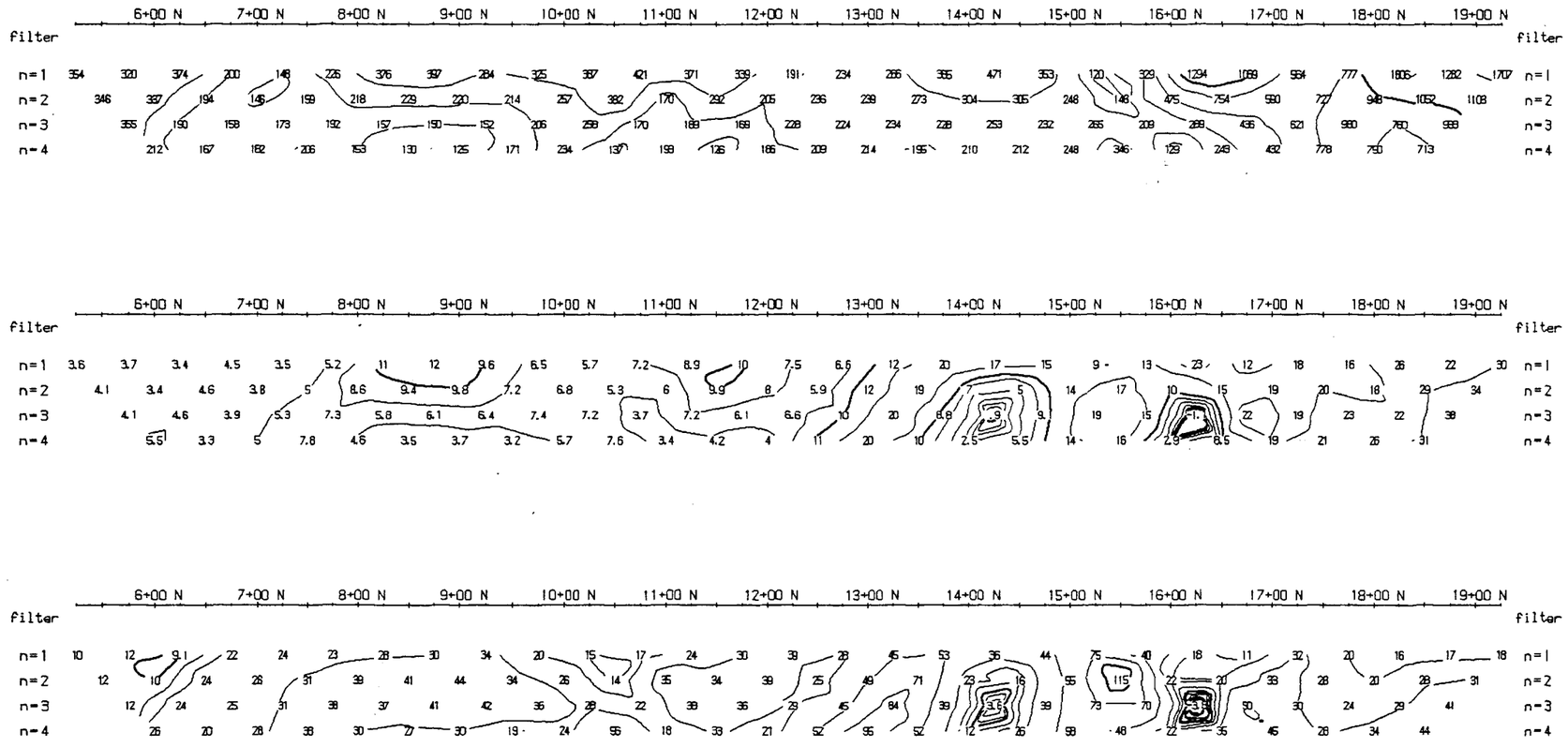
INDUCED POLARIZATION SURVEY

Line 2400 E

Col Property, Omineca M.D., B.C.

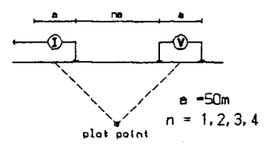
Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical



Line 2500 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10....

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

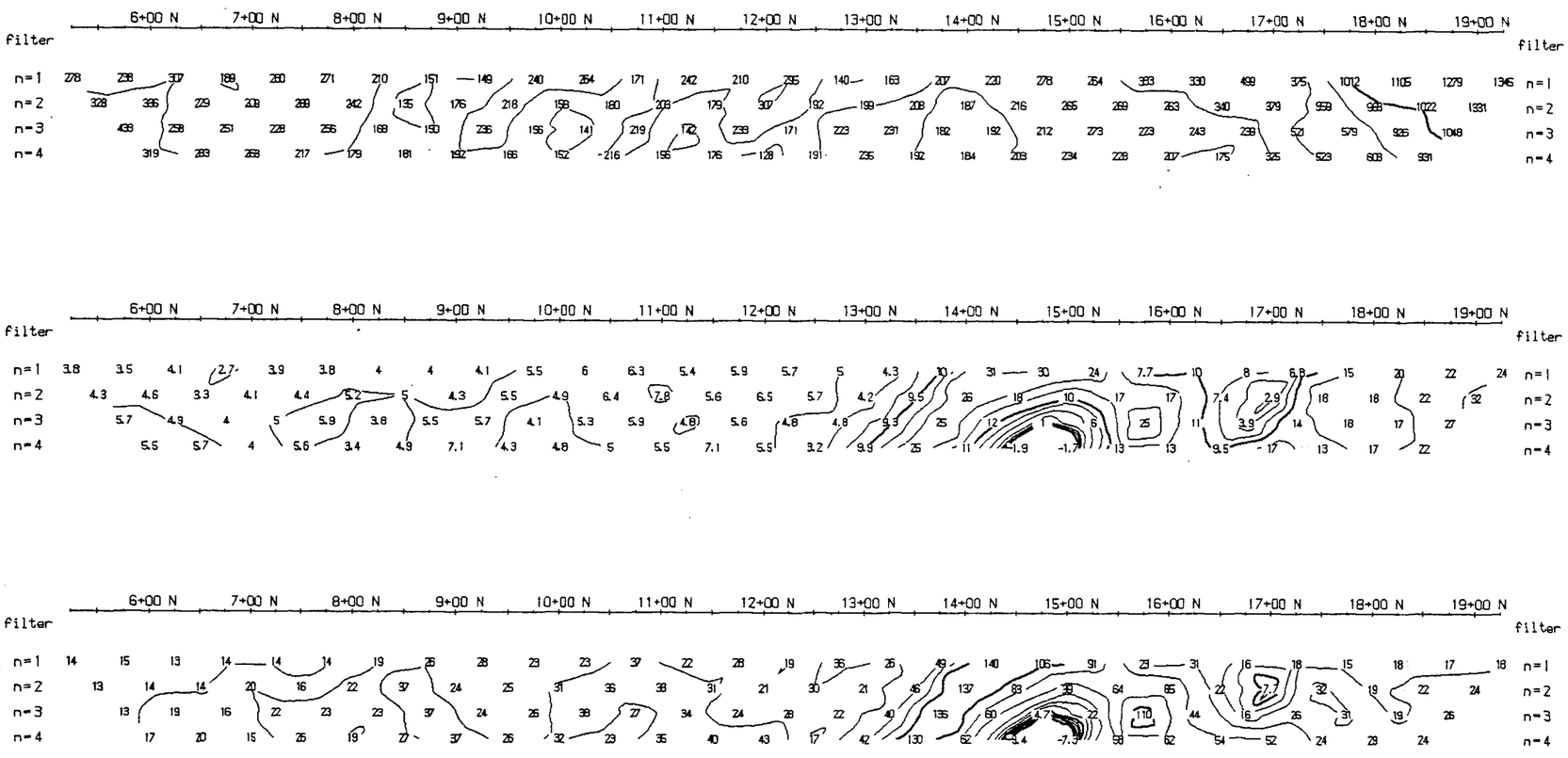
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 2500 E
Col Property, Omineca M.D., B.C.

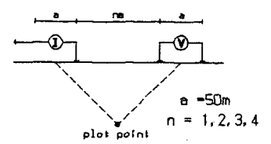
Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical



Line 2600 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

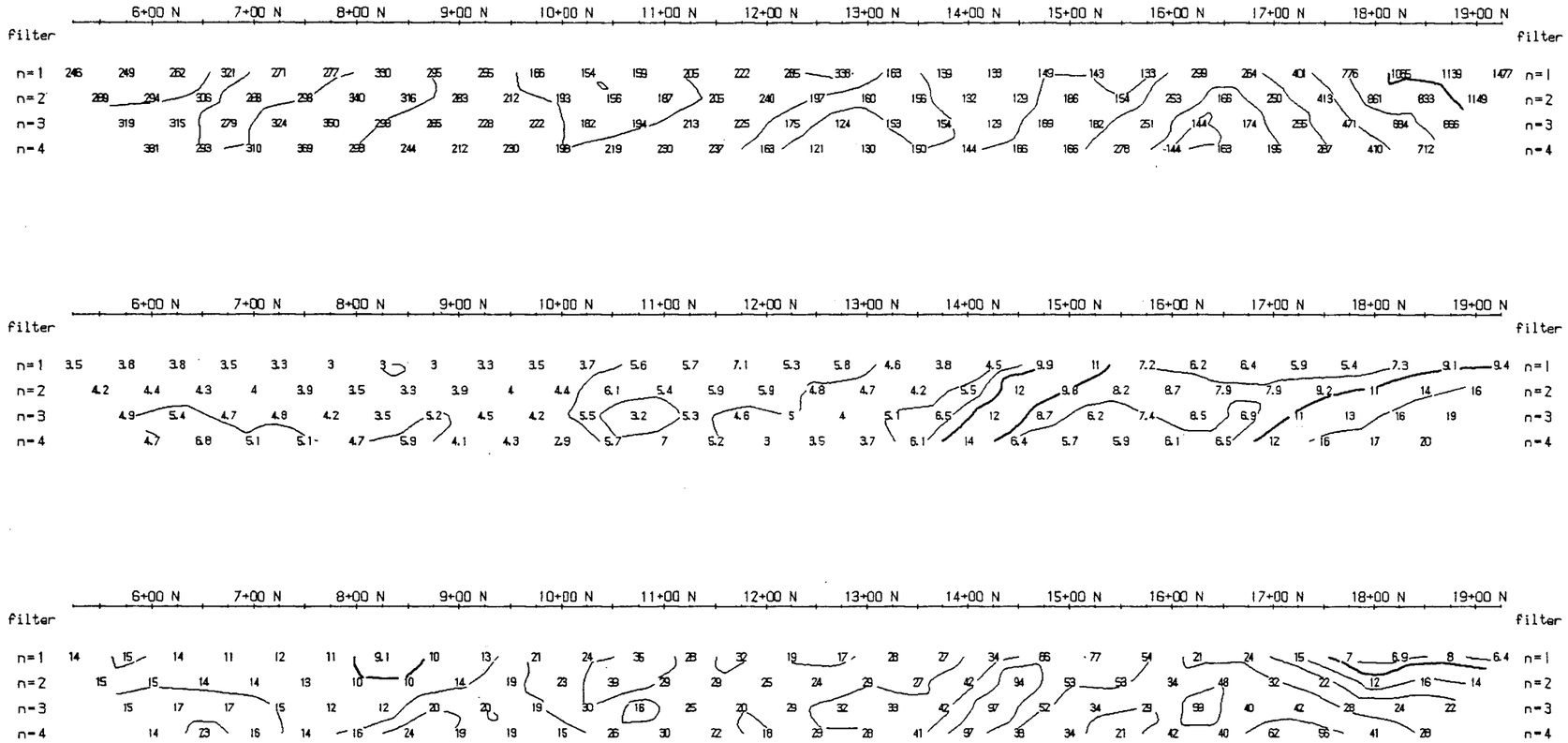
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 2600 E
Col Property, Omineca M.D., B.C.

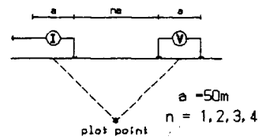
Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical



Line 2700 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

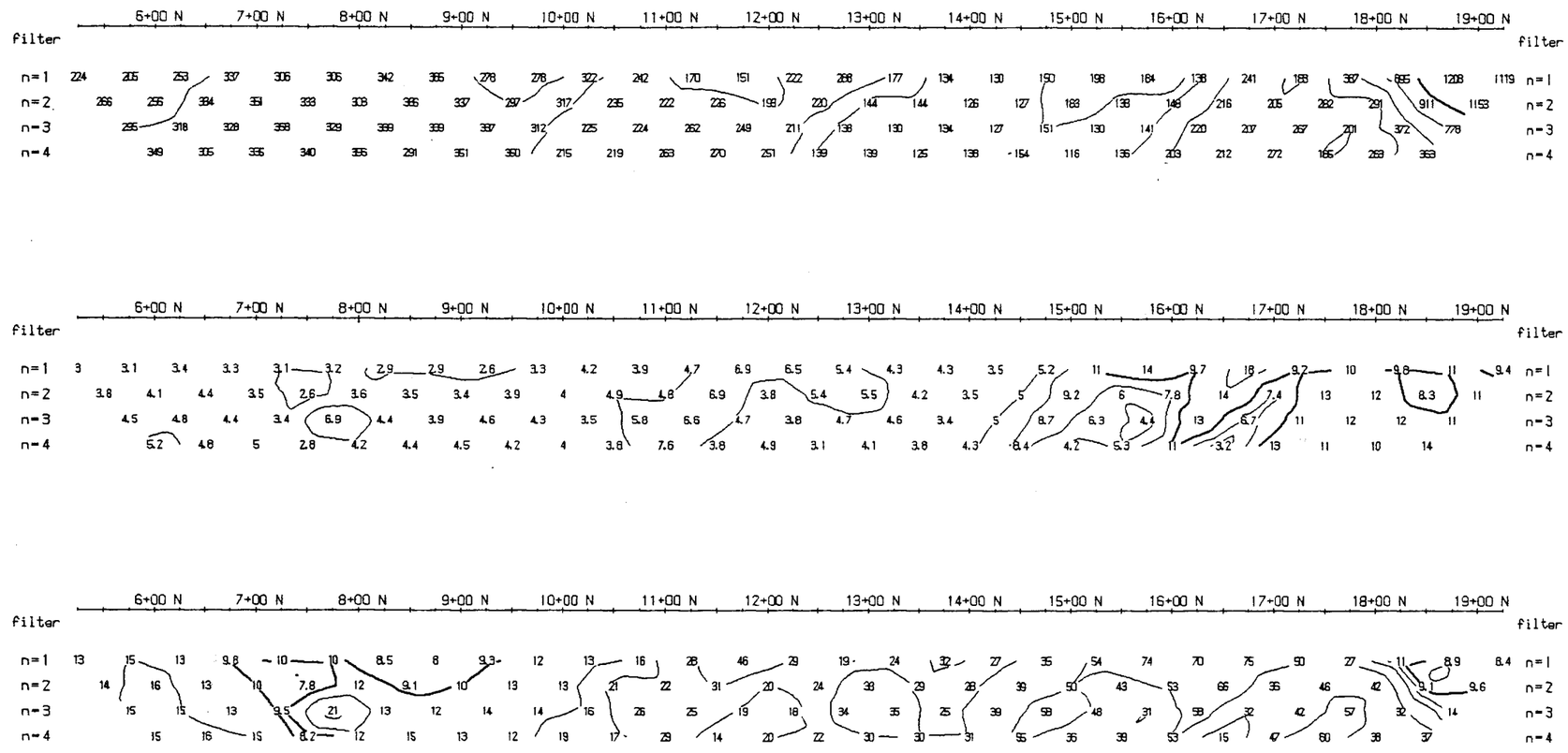
KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 2700 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

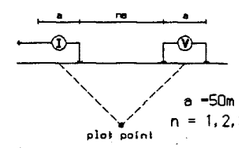
Pacific Geophysical

GEOSOFT (tm) Software For the Earth Sciences, Toronto, Canada



Line 2800 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

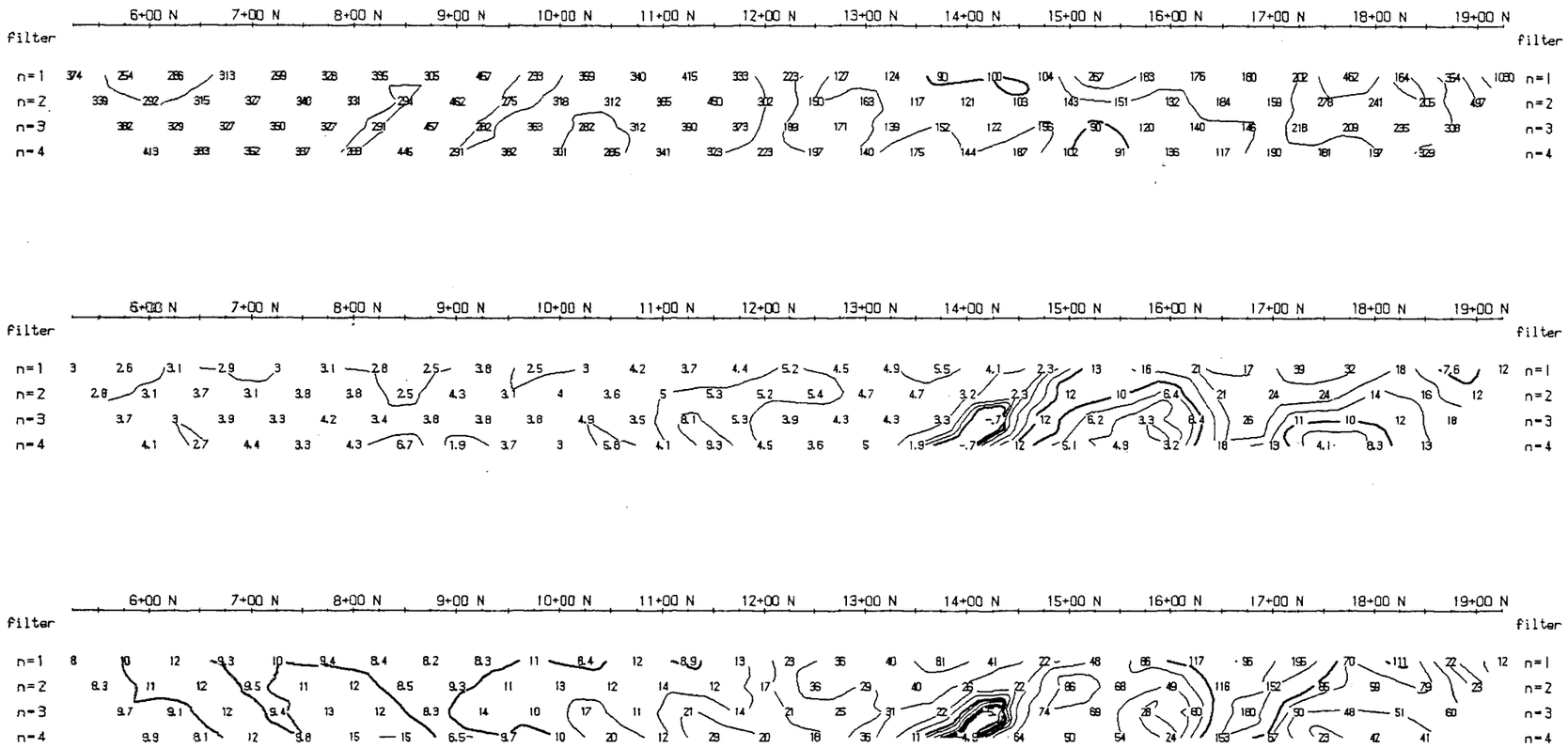
INDUCED POLARIZATION SURVEY

Line 2800 E

Col Property, Omineca M.D., B.C.

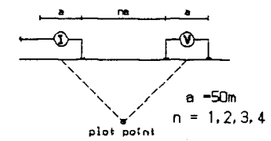
Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical



Line 2900 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 2900 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical

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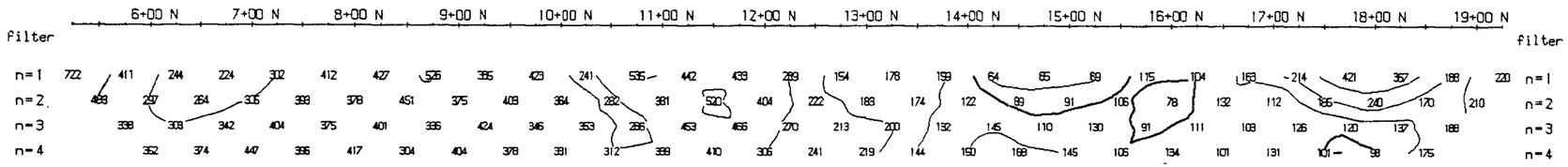
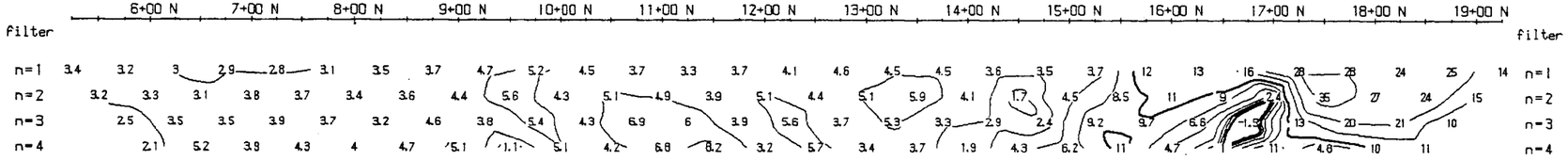
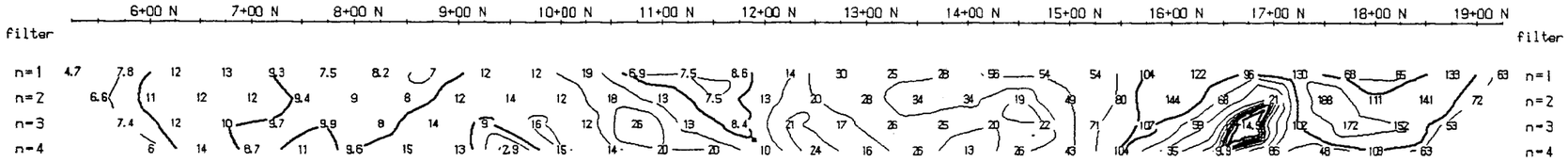


RESISTIVITY
(ohm_m)



OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

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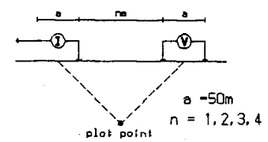
Line 3000 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

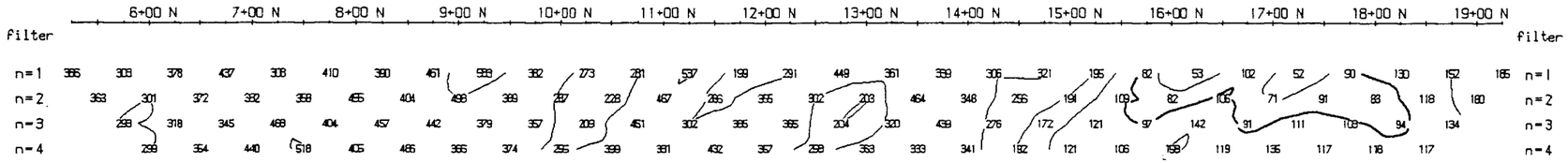
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

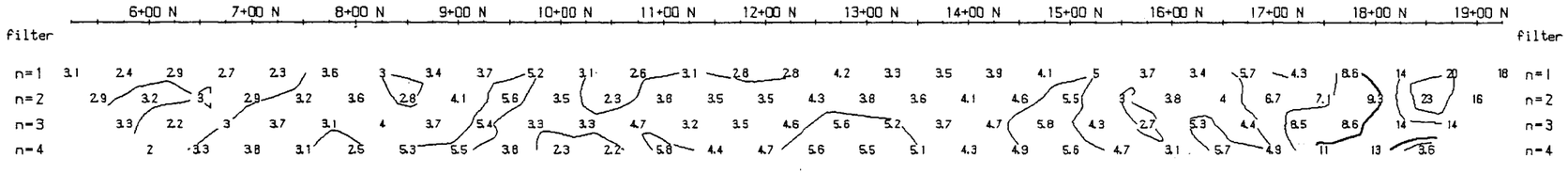
INDUCED POLARIZATION SURVEY
Line 3000 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

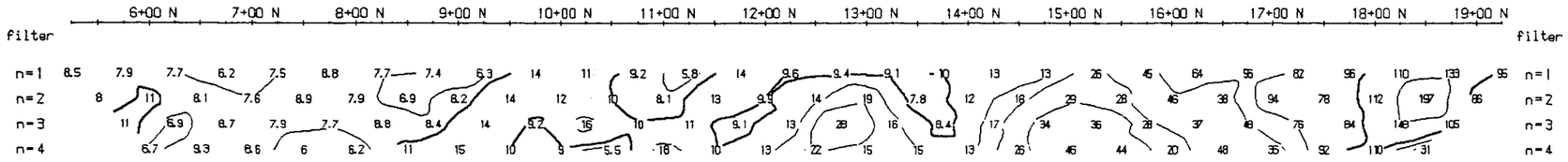
Pacific Geophysical



RESISTIVITY
(ohm_m)



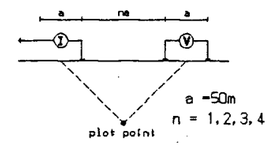
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

Line 3100 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

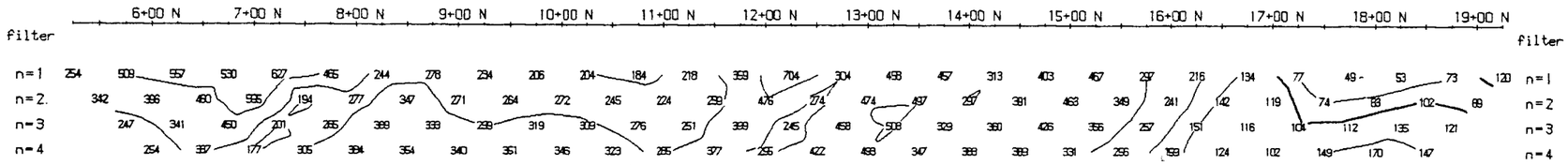
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

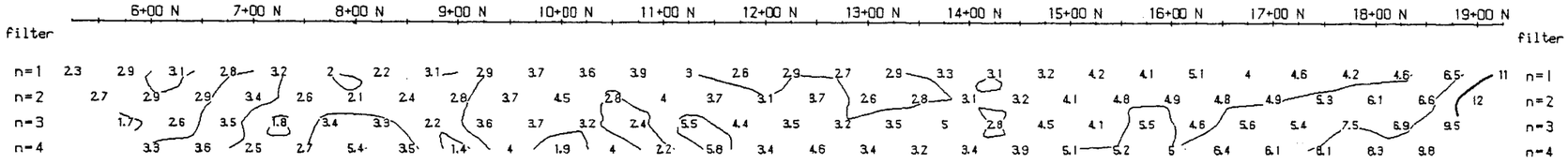
INDUCED POLARIZATION SURVEY
Line 3100 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

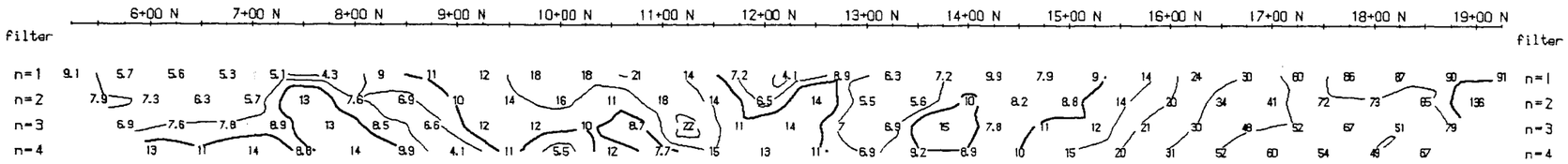
Pacific Geophysical



RESISTIVITY (ohm_m)



OBS. CHARGEABILTY (msec)

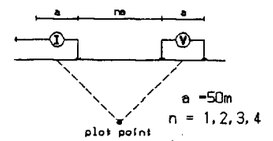


METAL FACTOR (ip/res * 1000)

GEOSOFT (tm) Software for the Earth Sciences, Toronto, Canada

Line 3200 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

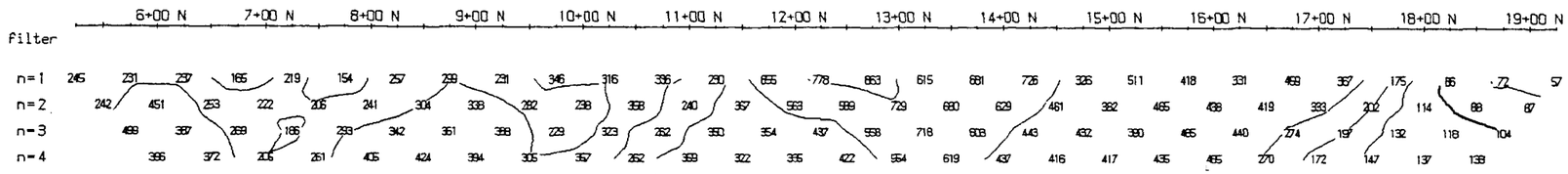
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

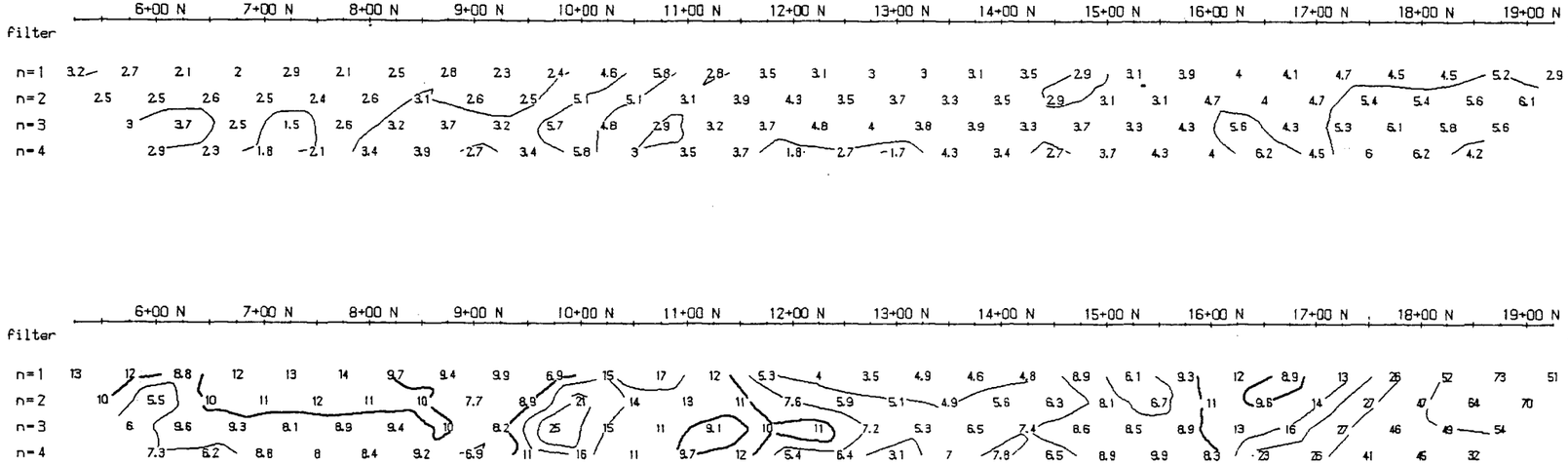
KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 3200 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

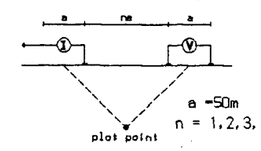
Pacific Geophysical





Line 3300 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

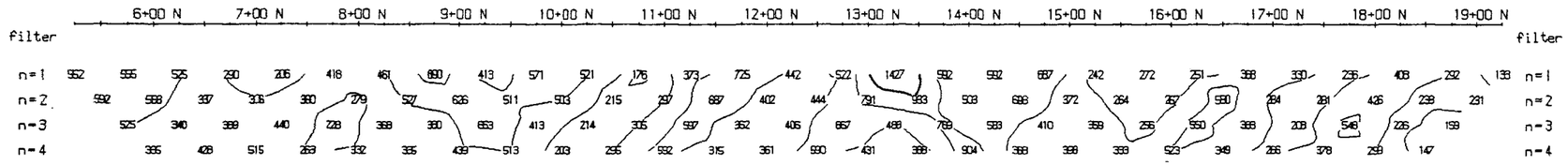
Weak increase in polarization

KOOKABURRA GOLD CORPORATION

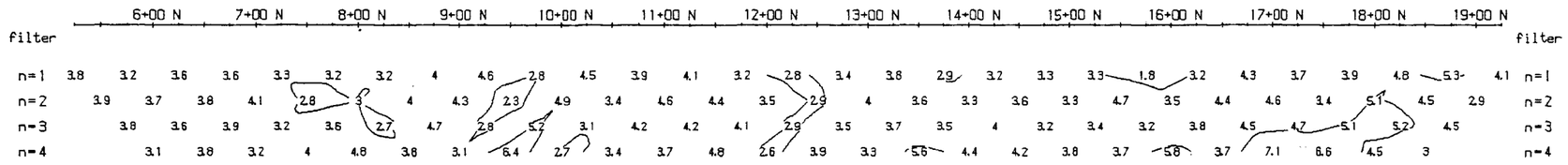
INDUCED POLARIZATION SURVEY
Line 3300 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

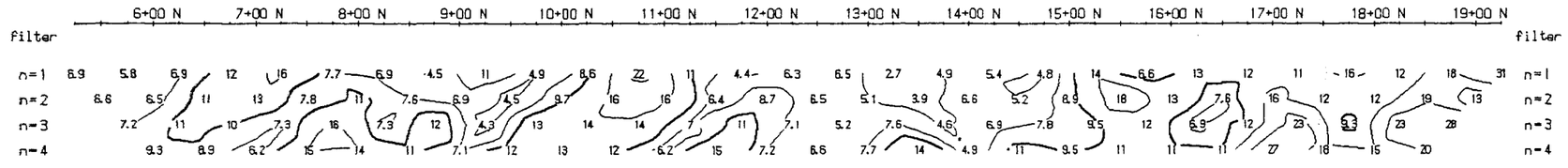
Pacific Geophysical



RESISTIVITY
(ohm_m)



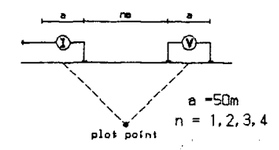
OBS. CHARGEABILTY
(msec)



METAL FACTOR
(ip/res * 1000)

Line 3400 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

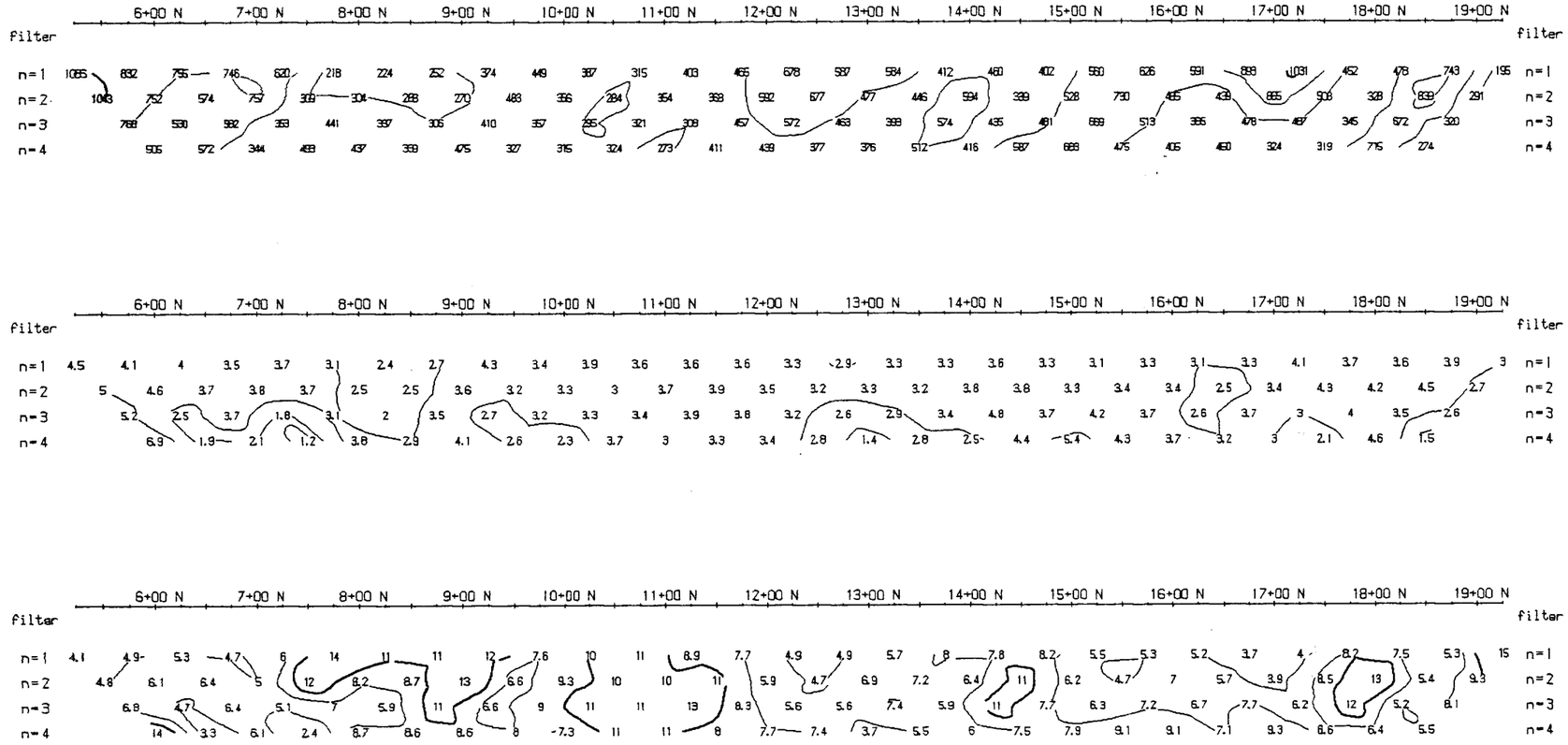
KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 3400 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

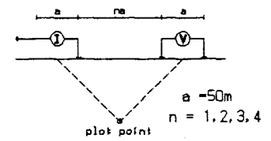
Pacific Geophysical

GEOSOFT (tm) Software for the Earth Sciences, Toronto, Canada



Line 3500 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY

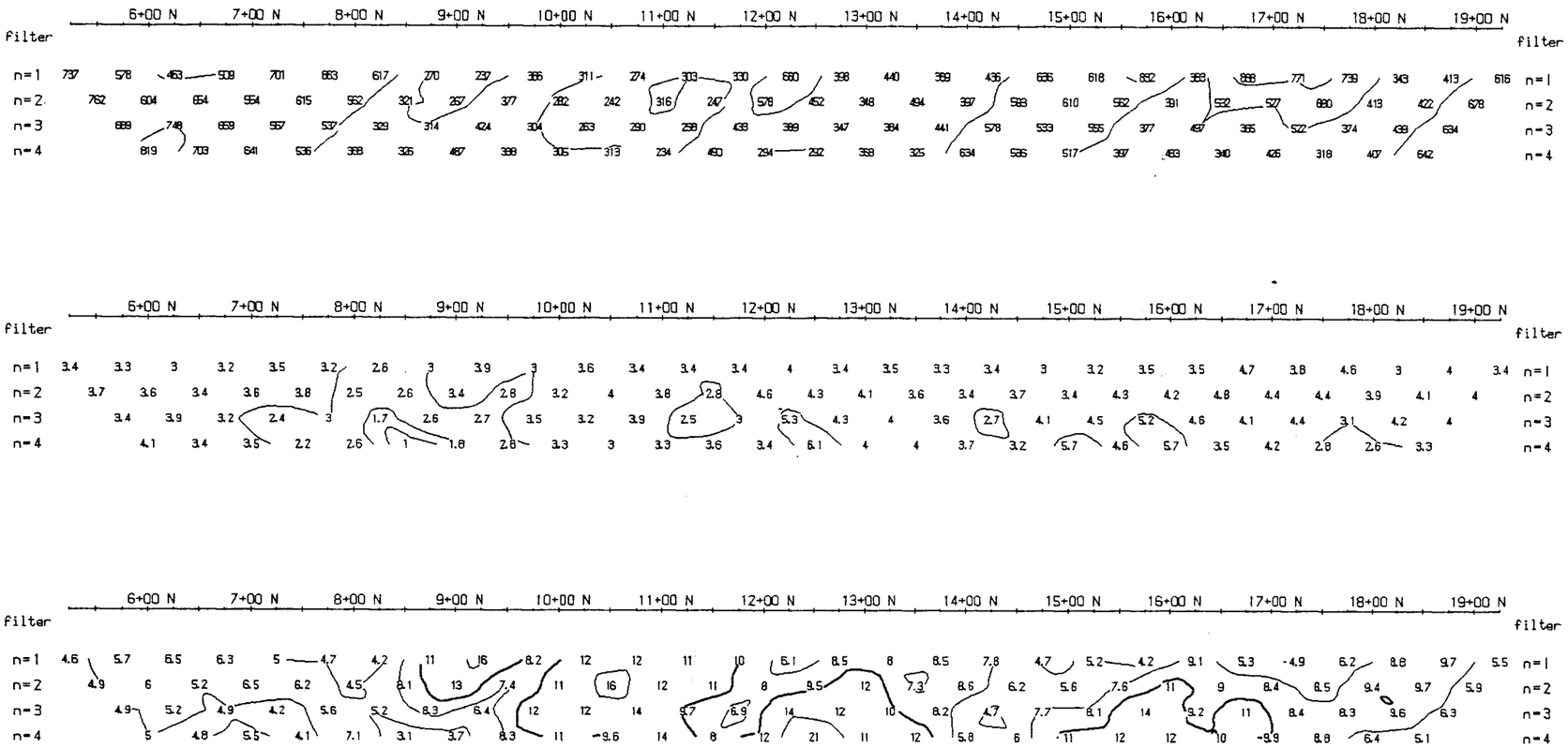
Line 3500 E

Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

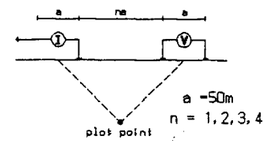
Pacific Geophysical

GEOSOFT (tm) Software for the Earth Sciences, Toronto, Canada



Line 3600 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

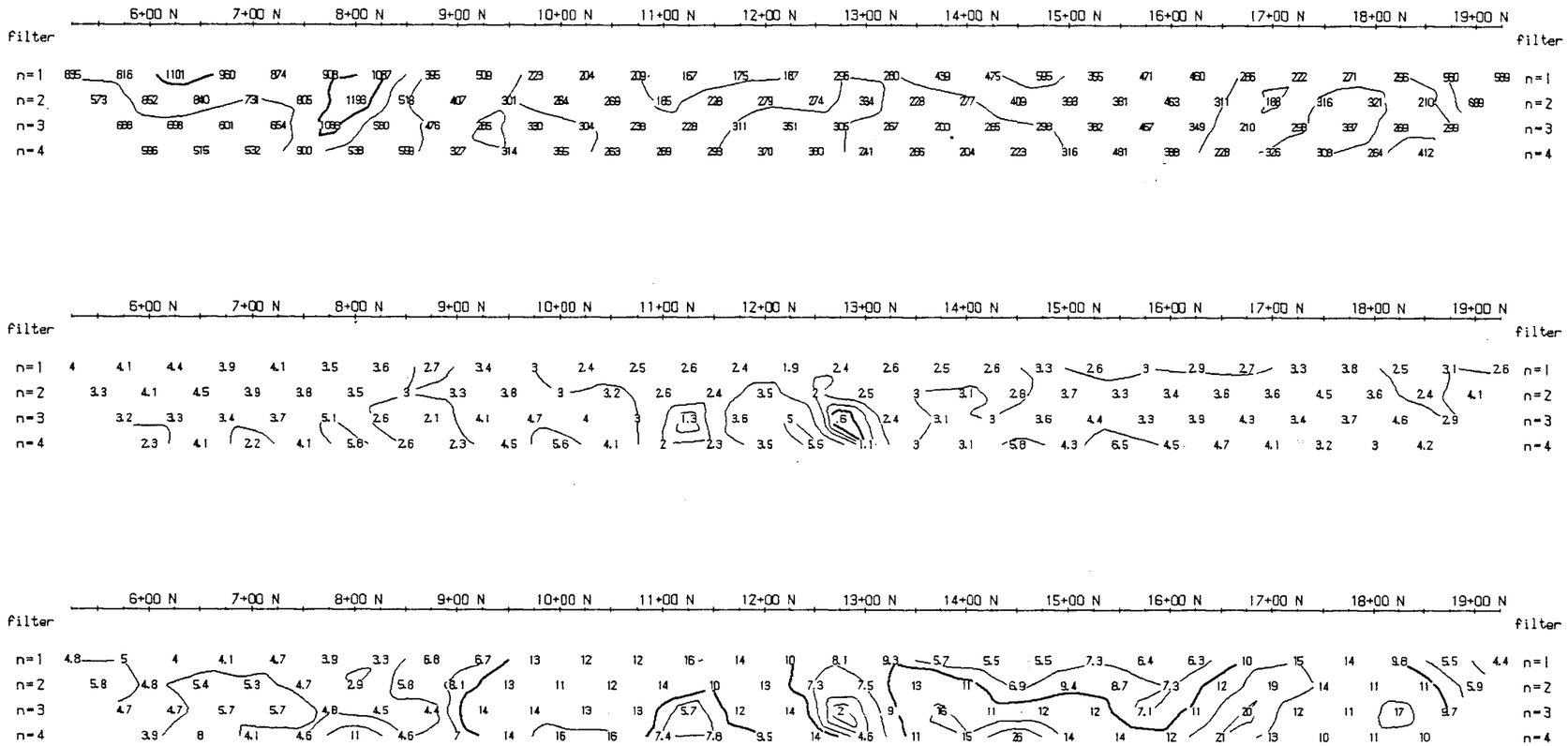
Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 3600 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical



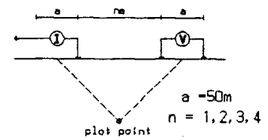
RESISTIVITY
(ohm_m)

OBS. CHARGEABILTY
(msec)

METAL FACTOR
(ip/res * 1000)

Line 3700 E

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 3700 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical

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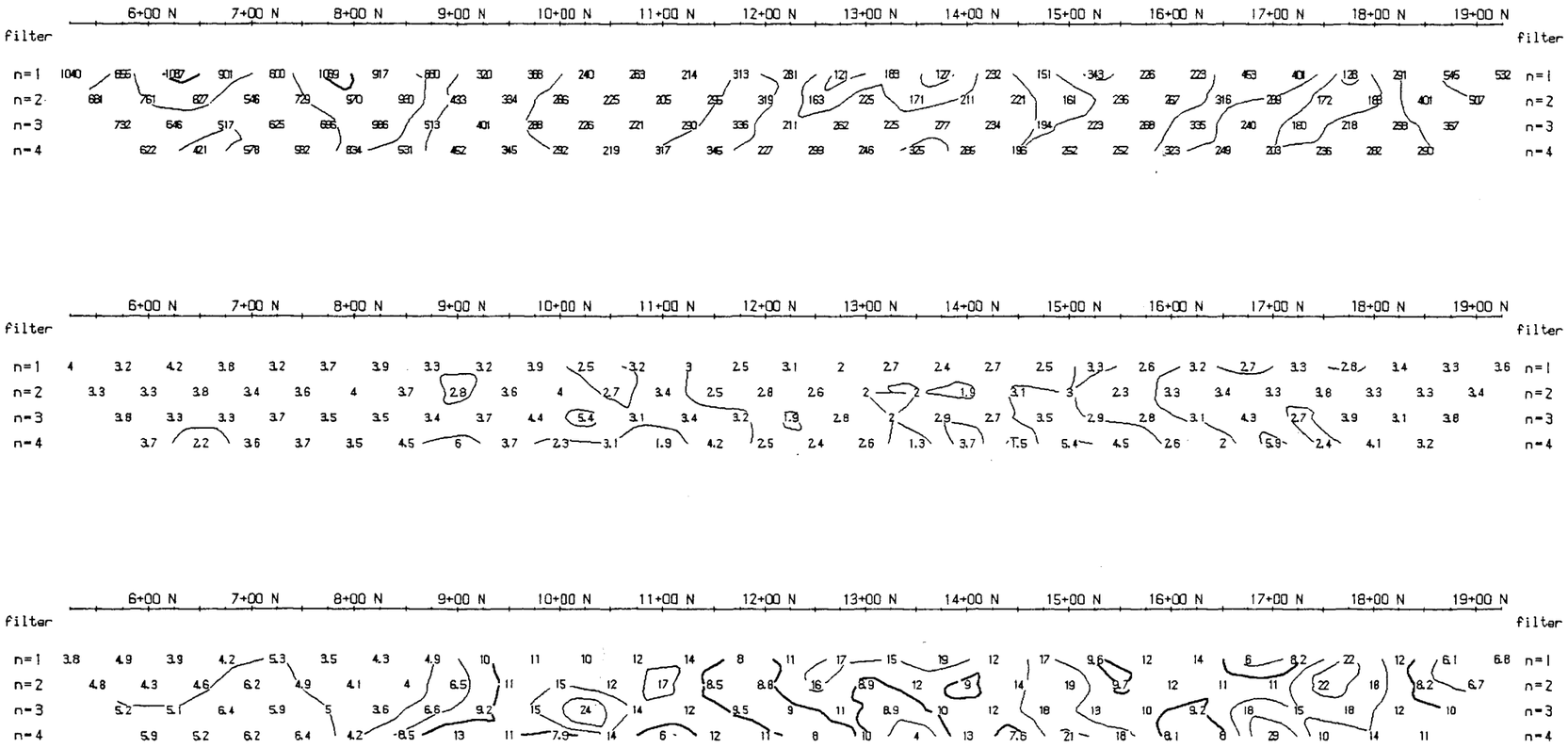
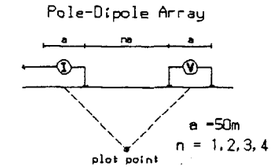


Line 3800 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

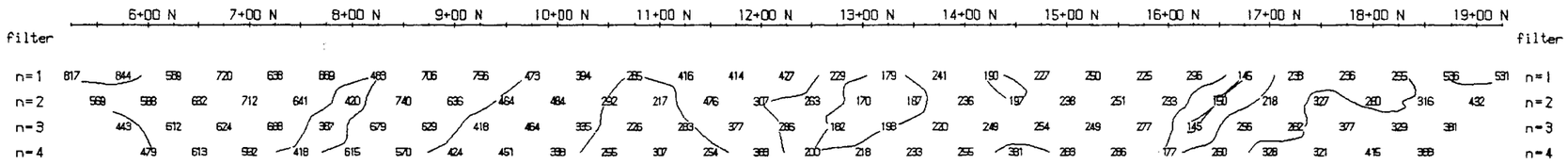
- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

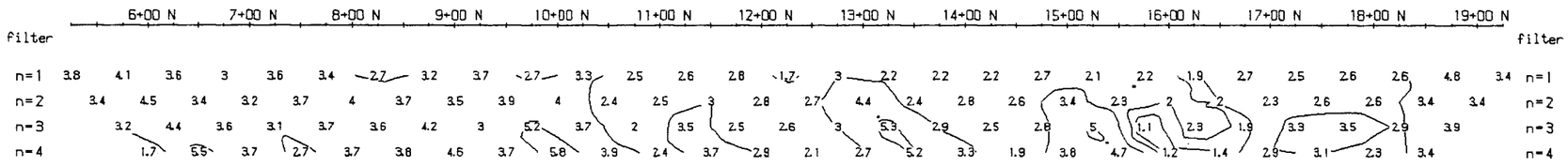
INDUCED POLARIZATION SURVEY
Line 3800 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

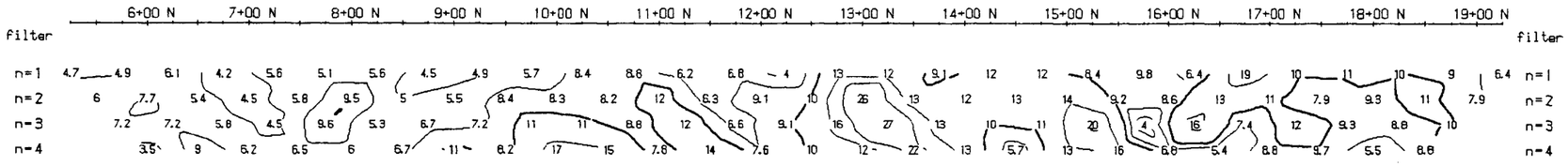
Pacific Geophysical



RESISTIVITY
(ohm_m)



OBS. CHARGEABILTY
(msec)

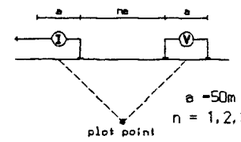


METAL FACTOR
(ip/res * 1000)

GEOSOFT (tm) Software For the Earth Sciences, Toronto, Canada

Line 3900 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logerithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

Strong increase in polarization

Moderate increase in polarization

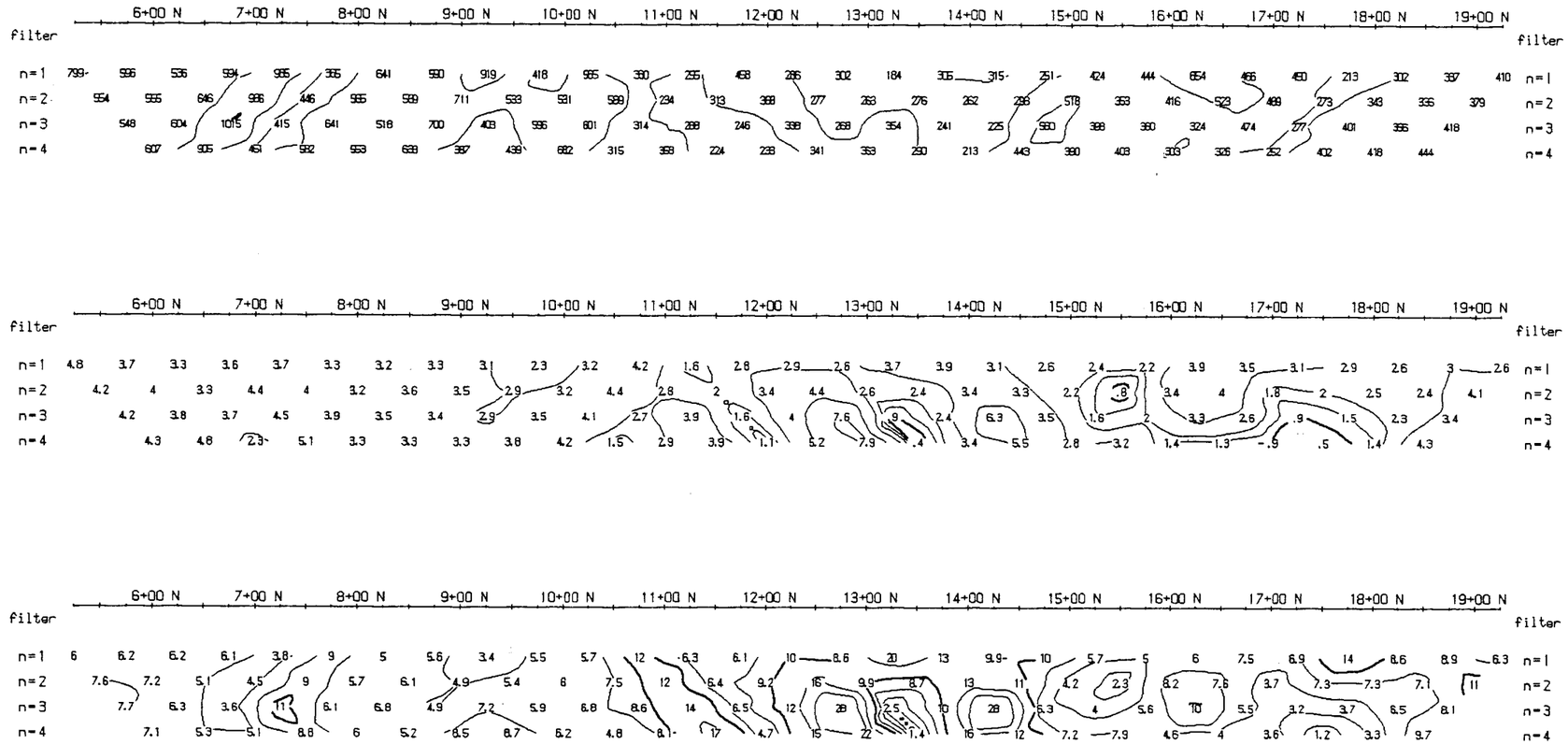
Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 3900 E
Col Property, Ominece M.D., B.C.

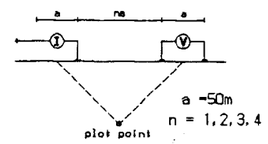
Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical



Line 4000 E

Pole-Dipole Array



a =50m
n = 1, 2, 3, 4

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operators : JLJ/KNC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Weak increase in polarization

KOOKABURRA GOLD CORPORATION

INDUCED POLARIZATION SURVEY
Line 4000 E
Col Property, Omineca M.D., B.C.

Date: July, 1991
Interpretation by:
Scale 1:5500

Pacific Geophysical

APPENDIX V

Drill Logs

KOOKABURRA GOLD CORP.

Page 1A

AZIMUTH	LAT.	LOGGED BY	PROJECT
045°	Grid 603 N	Harvey Klatt	COL
INCL. -60°	LONG. Grid 1800 E	ELEV.	HOLE 91-01

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD %	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
	Casing 3m – 7.5m							0 – 8.5 m, Glacial till over burden
42	9	45°		0	1751	212	10	8.5 – 102.4 Porphyritic biotite syenite, medium grained with ≈ 1% large plagioclase? phenocrysts, abundant chloritic slip surfaces, infrequent calcite filled fractures, weak to moderately magnetic, pyrite occurs with chlorite along fractures. Chloritic fault gouge zones are common. trace py
75				11				
47	12			5	1752	215	14	trace py, pink K-spar altn over about .5m of core,
93				64				
34	15	10°		5	1753	210	4	trace py. pink K-spar veinlets up to 2cm wide
80				0				
10	18			0	1754	188	4	trace py, very poor core recovery
73	21			32	1755	204	< 2	trace py,
100				50				
100	24	60°		11	1756	197	4	trace py, 20 cm of pink K-spar altn
89				0				
63				19				
100	27	15°		33	1757	189	4	trace py
70				0				
67				0				
83	30			17	1758	205	2	trace py
100				0				
60	33	85		0	1759	199	4	trace py, weak K-spar altn along veinlets
60				28				
	36							23 m, slickensides at 60° to core axis on plane 20° to core axis
								27.2 K-spar altn along veinlet 2 cm wide, minor epidote occurs with the K-spar altn.

KOOKABURRA GOLD CORP.

Page 1B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-01

KOOKABURRA GOLD CORP. Page 2 A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-01

RECOVERY %	cm/m DEPTH in/ft	STRUCTURE	LITHOLOGY
100			
100	39	45°	
80			
78	42	18°	
100			
	45		
82			
100	48	48°	
76			
88	51		
83			
100	54	60°	
100			
79			
100	57	45°	
86		34°	
	60		
68			
100	63	45°	
89		8°	
	66		
97		17°	
	69		
100			
84	72	36°	

39.8 specular hematite shear-veinlet 1 cm wide

44.0 calcite veinlets in fault gouge zone 10 cm true width of gouge zone, gouge zone is non magnetic

50.7 hematite-calcite shear-veinlet 1 cm wide, off-set by a chlorite-pyrite slip

67.0 - 67.1 pegmatite dyke, pink, coarse grained K-spar, biotite, magnetite and a trace of py + hem

70.9 pegmatite dykelet

ROD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
16	1760	197	2
50			
35	1761	187	4
16	1762	150	2
83			
35	1763	187	2
9	1764	224	4
17			
17	1765	121	2
23			
33	1766	151	2
0			
37	1767	191	4
0			
37	1768	98	4
13			
38	1769	214	4
44			
	1770	262	2
50			
40	1771	358	4
21			

KOOKABURRA GOLD CORP. Page 2 B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-01

trace py, pervasive weak K-spar alt'n over .5m

trace py, pervasive weak K-spar alt'n over .5m
hematite shear surface displaces K-spar alt'n

trace py, includes 10cm wide fault gouge zone

trace py, includes 20 cm of pink K-spar alt'n

trace py

trace py, includes 50 cm of weak K-spar alt'n

trace py

trace py

trace py

trace py, hematite replacement of biotite clots, pyrite rims some of the hematite clots

trace py, includes pegmatite dykelets

trace py, includes pegmatite dykelet, several K-spar veinlets up to 1 cm wide, specs of cpy seen in K-spar veinlet

KOOKABURRA GOLD CORP. Page 3A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-01

RECOVERY %	cm/m DEPTH in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
95	75	40°		11	1772	264	2
100				0	1773	200	4
83				8			
78				0	1774	295	6
69	78	31°		0			
91				60	1775	299	4
	81	49°		11			
58					1776	137	2
	84			90			
100		0°		32	1777	211	4
87	87			38			
100				21	1778	238	4
89	90	20°		0			
71				0			
89		50°		0	1779	81	2
61	93			23			
90		43°		23	1780	147	4
100	96			10			
73		35°		11	1781	188	4
92	99			7			
80		0°		0	1782	157	2
27	102						
33							
	105						
	108						

75.0 – 75.9 white-pink K-spar alt'n, up to 1% py and a trace of cpy.

76.0 – 79.3 pink weak K-spar alt'n

80.4 pink K-spar veinlet .5 cm wide with a spec of cpy and

93.4 – 93.5 biotite rich schlieren, moderate-strongly magnetic, possibly secondary biotite alt'n.

97.4 pegmatite dyke 6 cm wide, at 65° to core

End of Hole at 102.4 m or 336 feet

/ - calcite-hematite shear vein
/ - K-spar alteration along fracture
/ - chlorite ± pyrite along fracture

KOOKABURRA GOLD CORP. Page 3B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-01

trace py, weak K-spar alt'n along a few calcite veinlets

up to 1% py, trace cpy, white-pink K-spar alt'n over 0.9 m

trace py, pink K-spar alt'n over 1.6 m of core

trace py, several K-spar altered veinlets

trace py

trace py

trace py

trace py

trace py, weak K-spar alt'n over 0.8 m, includes biotite schlieren

trace py, includes pegmatite dykelet

trace py

trace py, very poor core recovery, weak K-spar alt'n

KOOKABURRA GOLD CORP.

AZIMUTH	LAT.	LOGGED BY	PROJECT
045°	Grid 563N	Harvey Klatt	COL
INCL. -50°	LONG. Grid 1598E	ELEV.	HOLE 91-02

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY
	3		Casing
32	6		
22			
71	9		
39			
62	12	50°	
100			
13	15		
69			
42			
33	18		
		60°	
61	21		
100	24		
75			
83	27	0°	
49			
65		25°	
100	30		
		25°	
88	33	40°	
93			
83			
100	36	25°	

0 – 3.0 Glacial till overburden

3.0 – 126.8 Porphyritic biotite syenite, medium grained with ≈ 1% plagioclase? phenocysts, abundant chloritic slip surfaces, infrequent calcite filled fractures, moderately magnetic, trace pyrite occurs with chlorite along fractures and slip surfaces. Chloritic fault gouge zones are common.

6.1 – 11.9 pink K-spar alt'n, rock is very broken and in fault contact with unaltered rock along a calcite veinlet.

20.9 a 4cm wide aplite dyke, pink, magnetic. Chuchi Syenite?

22.3 pink pegmatite dykelet about 10cm wide

31.2 chlorite-hematite-pyrite shear-veinlet ≈ 4% py in zone about 1cm wide

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
0	1783	210	8
0	1784	259	4
0	1785	502	20
0	1786	430	18
6	1787	1142	160
0	1788	226	2
13	1789	196	4
38	1790	243	6
21	1791	316	2
29	1792	371	2
18	1793	308	2
10			
40			
10			

KOOKABURRA GOLD CORP.

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-02

weathered bedrock, no sulphides seen,

trace pyrite and malachrite, moderate to strong K-spar alt'n throughout, weathered bedrock

trace cpy and py, moderate to strong K-spar alt'n over 90% of sample, weathered bedrock to 11.0m

trace py, moderate K-spar alt'n over 25% of sample

trace py, moderate K-spar alt'n over 65% of sample chloritic fault gouge in part

trace py, K-spar alt'n over 20% of sample

trace py, includes pegmatite dykelet

trace py, moderate K-spar alt'n over 50% of core

trace py, weak to moderate K-spar alt'n

trace py, weak to moderate K-spar alt'n, includes chlorite-hematite pyrite shear veinlet

trace py

KOOKABURRA GOLD CORP.

Page 2A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-02

KOOKABURRA GOLD CORP.

Page 2B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-02

RECOVERY %	cm/m DEPTH in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
67				0				
80				0				
50	39	15°		0	1794	301	<2	trace py
57				0				
100				0				
100	42	54°		42	1795	269	<2	trace py, weak K-spar alt'n along several fractures
100				0				
83				0				
100				0	1796	319	2	trace py, weak K-spar alt'n over 70% of sample
75	45			0				
92				33	1797	433	2	trace py
94	48	40° 25°		22				
100				20	1798	351	4	trace py, K-spar veinlets up to 2 cm wide present including 5 cm wide chlorite shear zone
100	51			15				
73				20	1799	431	4	trace py
77		70°		0				
100	54			0	1800	355	6	trace py, a few K-spar veinlets
79				25				
95	57			13	1801	244	4	trace py, weak to moderate K-spar alt'n over 80% of core
75				0				
94	60	55°		26				
92				0	1802	183	6	trace py, K-spar alt'n over about 15% of sample
83	63	45°		32				
100				70	1803	91	4	trace py, a few K-spar veinlets
53	66	40° 55°		0				
73				15	1804	221	4	trace py, weak K-spar alt'n over 10% of sample
100	69			0				
100				12	1805	242	4	trace py
79	72			16				

44.1 Colloform banded calcite-chlorite veinlet .5 cm wide 4 different layers seen. pyrite occurs with chlorite

50.7 a 5 cm wide chlorite gouge zone with ≈ 1% py

60.2 slickensides on chlorite slip surface at 55° to core axis

64.4 feldspar veinlet 0.4 cm wide with a 1 cm wide chloritized biotite or amphibole alteration selvage.

KOOKABURRA GOLD CORP. Page 3A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-02

RECOVERY %	cm/m DEPTH in/ft	STRUCTURE	LITHOLOGY
80			
69	75	30°	
100			
60			
63	78		
50			
60	81	10°	
67			
100			
50	84	12°	
36	87		
89		0°	
90			
77			
79			
89	93		
91			
60			
83	96		
100		40°	
58			
99			
89			
75			
100			
58	102	10°	
83			
90		30° 35°	
78			
83	105		
89			
100			
100			
	108		

74.5 - 83.5 Intensely sheared zone, chlorite alt'n is well developed along slip planes.

86.4 and 86.9 pink pegmatite dykes up to 10cm in width in broken core.

98.8, 99.1 and 99.3 pegmatite dykes, mafic rich, pink

(104.0 1.3 m of drill mud from surface in core box)

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
21	1806	161	9
12			
0	1807	155	4
0			
0	1808	164	9
17			
0			
0	1809	141	8
0			
15	1810	156	4
0	1811	141	2
0			
13	1812	125	4
21			
0			
0	1813	158	6
21			
19	1814	258	4
0			
23			
7	1815	249	2
0			
0	1816	158	4
0			
0	1817	247	4
0			
0			

KOOKABURRA GOLD CORP. Page 3B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-02

trace py

trace py. well sheared and chloritic

trace py well sheared and chloritic, minor K-spar alt'n

trace py. well sheared and chloritic, minor K-spar alt'n

trace py

trace py, weak K-spar alt'n over 20% of core, includes pink pegmatite dykelets

trace py, weak K-spar alt'n over 50% of core

trace py

trace py, weak to moderate K-spar alt'n over 70% of core

trace py, spec of cpy in pegmatite dykelet, moderate K-spar alt'n over 50% of sample

trace py, weak K-spar alt'n over 10% of core

trace py, weak K-spar alt'n along several veinlets

KOOKABURRA GOLD CORP. Page 4A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-02

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
83				0	1818	148	2	trace py, K-spar alt'n along several rivulets, includes limonite
77		0°	110.1 and 110.3 limonite on fracture surfaces	0				
78		30°		0	1819	274	2	trace py
89	111			0				
100				0	1820	307	2	chloritic fault gouge zone.
41	114		112.9 - 18.9 chloritized rock fragments and fault gouge	0				
18				0	1821	6347	68	trace py, 1% cpy over 35cm, weak to strong K-spar alt'n over 50% of sample, well sheared and chloritized
63	117	54°		0				
33				19				
73				8	1822	1500	46	trace py, up to 1% cpy over 40cm in chloritic rivlets within intensely K-spar alt'd zone, includes peamatite dykes,
71	120	45°	120.9 - pink peamatite dyke cut by chloritic slip surfaces containing rare clots of cpy	10				
90				29	1823	336	4	weak to strong K-spar alt'n over 100% of sample
93	123			0				trace py, weak to strong K-spar alt'n over 100% of sample strongly chloritized and sheared in places
92		60°		43				
83	126		126.9m or 416 feet is end of hole		1824	271	2	moderate K-spar alt'n, sheared and chloritic, no noticable pyrite

KOOKABURRA GOLD CORP. Page 4B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-02

KOOKABURRA GOLD CORP. Page 1A

AZIMUTH	LAT.	LOGGED BY	PROJECT
225°	475 N	Harvey Klatt	COL
INCL. -60°	LONG. 1800 E	ELEV.	HOLE 91-03

KOOKABURRA GOLD CORP. Page 1B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-03

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	ROD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
			0 - 9.1 Glacial till over burden					
	3 CASING							
	9		9.1 - 121.9 Porphyritic biotite syenite, medium grained with ≈ 1% plagioclase phenocrysts, abundant chloritic slip surfaces, infrequent calcite filled fractures, moderately magnetic, trace pyrite occurs with chlorite along fractures and slip surfaces. Chloritic fault gouge zones are common. Red hematite occurs with chlorite along some fractures.					
100		50° 30°		0				
86				14	1825	167	2	trace py
50				0				
100	12			0				
83				6	1826	153	4	trace py, weak K-spar alt'n over 5% of sample
100	15			0				
69		25° 30°		13	1827	136	4	trace py, weak K-spar alt'n over 30% of sample
100	18			50				
75				0				
67		18°		0	1828	147	4	trace py weak K-spar alt'n over 10% of sample
100	21			18				
75				0	1829	152	4	trace py
100				0				
71	24	20° 45°		0	1830	142	2	trace py
100				0				
100				29				
92	27			11	1831	154	4	trace py
79				11				
100	30			0	1832	141	2	trace py
78				50				
92			33.3 slickensides on chloritic shear zone 4 cm thick, slip plane at 20° to core axis, slickensides at 28° to core axis					
	33	20° 40°		71	1833	129	2	trace py, 15% is K-spar alt'd
100								
	36							

KOOKABURRA GOLD CORP. Page 2A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-03

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY
100			
70	39	0°	
71			
100		15° / 70°	
92	42		
67			
100			
	45		
78			
	48	15°	
100			
100	51		
100		40° 45° 45°	
80			
78	54		
85			
	57		
100			
	60	30° 12° 40°	
100			
	63		
100			
90	66		
100			
100		40° 25°	
	69		
100			
100	72		

35.6 - 43.3 Pink K-spar alt'n, cut by chlorite and calcite filled fractures and slip lines, hematite on some slip surfaces

45.5 - 52.0 Pink K-spar alt'n, cut by chlorite and calcite filled fractures, hematite on some slip planes

55.5 - 56.3 fault breccia zone cemented by chlorite, calcite and hematite

58.8 a 5 cm wide chloritized mafic dykelet, at 58° to core axis

59.3 - 59.8 white albite? alt'n

61.0 - 61.9 Albite pegmatite dyke containing ≈ 3% chloritized amphibole, cut by K-spar alt'd veinlets, at 5° - 10° to core axis

61.0 - 63.3 Weak pink K-spar alt'n along veinlets and as diffuse alt'n

63.3 - 64.0 white albite? alt'n.

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
40	18334	158	<2	trace py, moderate K-spar alt'n over sample interval
0				
29	18335	162	2	trace py, moderate to strong K-spar alt'n, spec of cpy?
42				
0	18336	176	4	trace py, moderate K-spar alt'n over 70% of sample
17				
21	18337	493	4	trace py, moderate to strong K-spar alt'n over 80% of sample
6	18338	299	4	trace py, moderate K-spar alt'n over 100% of sample
37				
30	18339	266	<2	trace py, weak K-spar alt'n along several fractures
15				
0	18340	340	8	trace py, weak K-spar alt'n over 80% of sample strongly chloritized, includes fault breccia zone.
52				
73	18341	104	<2	trace py, weak K-spar alt'n over 30% of sample, several hematite - chlorite veinlets
46	18342	70	2	trace py, includes pegmatite dyke, K-spar alt'n along veinlets ≈ 10% of sample
63	18343	35	2	trace py, weak K-spar alt'n along fractures overprinting albite alt'n, K-spar alt'n over 15% of core
10				
22	18344	122	2	trace py, weak to moderate K-spar alt'n over 20% of sample.
17	18345	6	<2	trace py, weak K-spar alt'n over 30% of core, finely fractured and chloritized zones in places
46				

KOOKABURRA GOLD CORP. PAGE 2B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-03

KOOKABURRA GOLD CORP. Page 3A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-03

KOOKABURRA GOLD CORP. Page 3B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-03

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
100	75	43°	73.3 a 7 cm true thickness, epidote alt'd zone bounded by 6 cm of pink K-spar, vein at 43° to axis	53	1849	45	2	trace py, weak K-spar alt'n over 50% of core, includes a 10 cm wide epidote vein
100	78	37°		20	1847	268	2	trace py, weak to strong K-spar alt'n over 80% of core
100				72	1848	55	2	trace py, weak K-spar alt'n over 100% of core
96	81			75				
96	84	50° 48°	86.3 and 86.7 chloritic breccia and gouge zone offset 20 cm by another chloritic fault zone	41	1849	62	2	trace py, weak K-spar alt'n over 80% of sample
100	87			77	1850	104	4	trace py, weak K-spar alt'n over 70% of core, includes chloritic fault gouge zones
100	90	10°	88.8 cpy and bornite in calcite chlorite veinlet, K-spar alt'n associated with calcite filled veinlets	68	1851	1444	4	trace py, cpy, bornite, weak K-spar alt'n over 20% of core, sulphides in calcite-chlorite veinlet
97	93	30°		80	1852	125	4	trace py, minor K-spar alt'n along several veinlets
83	96		95.3 Pink pegmatite dyke 15 cm wide, irregular contact	0	1853	31	6	trace py, includes pegmatite dyke, K-spar alt'n along several veinlets
100		35°	97.4 Pink-white pegmatite dyke 3 cm wide at 55° to axis	72				
100	99	60° 40°	98.4 large magnetite grain surrounded by a reaction rim of chlorite	53	1854	120	6	trace py, K-spar alt'n along several veinlets, includes narrow pegmatite dyke
100	102		103.9 - 104.4 and 105.2 - 105.6 and 106.6 are K-spar alt'n chlorite shear zones that are in part weakly K-spar alt'd	67	1855	36	4	trace py, weak K-spar alt'n over 20% of core
94	105	55°		44	1856	55	4	trace py, a few K-spar alt'd veinlets, chloritic shear zone 0.5 m wide included.
100	108			70	1857	11	4	trace py, weak to strong K-spar alt'n over 80% of core, several narrow chloritic shear zones included

KOOKABURRA GOLD CORP. Page 4A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-03

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	ROD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
100	111	35° 60°	108.5 a 10 cm wide white albite? alt'n zone grading into pink K-spar alt'n.	60	1858	52	2
100				43	1859	219	4
89	114	50°		11			
90	117		117.1 a 3.5 cm wide pink felsite dyke, Chuchi Syenite? contacts irregular but at about 65°	56	1860	59	<2
100	120	60°	121.9 m or 400' End of Hole	47	1861	97	2
100				92	1862	93	4

KOOKABURRA GOLD CORP. Page 4B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-03

SAMPLE NO.	
1858	trace py, K-spar alt'n along several veinlets
1859	trace py, K-spar alt'n along several veinlets
1860	trace py, includes felsite dyke 3 cm wide, weak K-spar alt'n in a few places
1861	trace py, several veinlets with K-spar alt'n, hematite along several chloritic slip surfaces.
1862	trace py, K-spar alt'n along a veinlet

AZIMUTH	LAT.	LOGGED BY	PROJECT
045°	Grid 4510	Harvey Klatt	COL
INCL. -50°	LONG. Grid 1603 E	ELEV.	HOLE 91-04

COVERY %	PTH m/ft	RUCTURE	THOLOGY
	3		
	6		
	9		
	12		
16			
	15		
31			
	18		
22			
92	21		
58			
	24	60°	
87			
100	27		
86		10° 45° 45°	
	30		
100			
	33		
97		48°	
	36		

0 - 17.2 Glacial till overburden

17.2 - 39.1 Porphyritic biotite syenite, medium grained with ≈ 1% plagioclase phenocrysts, chloritic slip surfaces present, infrequent calcite filled fractures and veinlets, moderately magnetic. Chloritic fault gouge zones are present. Hematite is found along some of the chloritic slip surfaces. Mafics are variably chloritized. 21.0, 21.7, 23.0, 33.2, and 34.5 narrow 1-3 cm wide grey and pink pegmatite dykes

RQD	SAMPLE NO.	UPPER: PPM	LD: PPB
5			
5	1863	159	4
46			
24	1864	178	4
33	1865	162	4
40			
41	1866	185	4
68	1867	185	6
67	1868	140	2
	18		

KOOKABURRA GOLD CORP. Page 18

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-04

trace py

trace py

trace py

trace py

trace py

trace py, several K-spar alt'd veinlets

KOOKABURRA GOLD CORP. Page 2A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-04

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY
97	39	30°	
100	42		
100	45		
97	48	10°	
94	51		
90	54	45	
97	57		
79	60		
100	63	24°	
80	66		
100	69	20°	
94	72		

39.1 - 42.3 Chuchi syenite dyke, pink, fine to coarse grained and pegmatitic in places, plagioclase phenocrysts are grey-white and average about ½% of total. Moderate to strongly magnetic. Biotite ranges from 5 to 35% and averages about 20%. The syenite is cut by pink K-spar veinlets, some containing epidote. The syenite is also cut by chlorite and calcite filled slips and fractures. K-spar veinlets are much more numerous in the Chuchi syenite than in the porphyritic biotite syenite host. Contacts are indistinct.

42.3 - 133.8 Porphyritic biotite syenite, as previous

57.5, 63.6, and 67.7 narrow 2 - 8 cm wide grey pegmatite dykes

68.3 - 68.9 Chuchi syenite dyke, as previously described.

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
81	69	210	2	trace py, several K-spar alt'd veinlets
35	1870	249	<2	trace py, several K-spar alt'd veinlets, ¾ of sample is Chuchi syenite dyke
74	1871	253	<2	trace py, several K-spar alt'd veinlets, sample is Chuchi syenite
84	1872	148	4	trace py
56	1873	115	4	trace py,
57	1874	151	2	trace py
79	1875	144	2	trace py
12	1876	144	2	trace py, includes several K-spar veinlets and a chloritic fault gouge zone.
52	1877	159	2	trace py, includes several K-spar veinlets, also brass from drill bit ?crease smeared on core in several places
50	1878	156	<2	trace py, weak K-spar alt'n over 10% of sample
48	1879	151	<2	trace py, weak K-spar alt'n over 20% of sample
44	1880	98	<2	trace py, weak to strong K-spar alt'n along vein
36	1			

KOOKABURRA GOLD CORP. Page 2B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-04

KOOKABURRA GOLD CORP. Page 3A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-04

KOOKABURRA GOLD CORP. Page 3B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-04

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
81				29	88/1	142	<2	trace py, K-spar alt'n along veinlets over 10% of sample
97	75			65	88/2	144	4	trace py weak K-spar alt'n over 10% of sample
97	78	20°	77.6 - 78.2 Chuchi syenite? sheared and chloritized in part. 78.2 - 79.0 chlorite - calcite - fault gouge zone at	71	88/3	115	<2	trace py, includes a Chuchi syenite dyke and chloritic shear zone, K-spar - alt'n along several veinlets
53	81	65°		33	88/4	116	6	trace py, K-spar alt'n along several veinlets
100	84		84.1 - 84.5 Chuchi syenite dyke, several K-spar alt'd veinlets	67	88/5	168	2	trace py, includes a Chuchi syenite dyke, K-spar alt'n along several veinlets
97	87			26	88/6	145	6	trace py, includes a chloritic fault gouge zone, includes several K-spar alt'd veinlets.
97	90			0	88/7	102	<2	trace py, includes a chloritic fault gouge zone, K-spar alt'n over about 30% of sample
93	93	30° 40°		64	88/8	133	4	trace py, weak to strong K-spar alt'n over 40% of sample
96	96			25	88/9	176	6	trace py
89	99	35°	100.4 calcite - epidote veinlet with pink K-spar alt'n at 35° to core axis	8	89/0	180	4	trace py, weak to moderate K-spar alt'n over 60% of sample
100	102			28	89/1	168	12	trace py, weak to moderate K-spar alt'n over 50% of sample also cut by chlorite - hematite slips.
93	105	85°		76	89/2	151	10	trace py, weak K-spar alt'n over 20% of sample
100	108	0°		57	89/3			
				50				

AZIMUTH	LAT.	LOGGED BY.	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-04

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-04

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
90	111	23°	108.5 a 10 cm wide (5 cm true thickness) calcite-quartz-chlorite composite vein with about 1% sulphides, pyrite and chalcopyrite. Intense chlorite alteration halo 2-3 cm is adjacent to the vein. At 23° to core axis	48	893	397	8
100				71	1894	319	26
94	114	12°	111.5 – 111.8 calcite-quartz-chlorite composite vein with trace pyrite and chalcopyrite	73	1895	127	6
97	117		113.4 banded calcite-quartz-chlorite veinlets up to 1cm wide, from vein edge to centre; calcite, chlorite, calcite, and chloritic-quartz.	74	1896	117	6
100	120		113.9 plagioclase-chloritized mafic veinlet at 12° to core axis	87	1897	70	6
97	123	11°	120.2 – 120.8 chlorite-calcite-hematite shear zone at several angles ranging from 0 to 23° to core axis	71	1898	75	10
100	126	1m	125.1 – 126.3 chlorite fault gouge zone, minor hematite and calcite	90	1899	167	26
100	129			85	1900	153	14
100	132	32	133.8 – 143.3 Chuchi syenite, as previously described. Upper contact irregular, lower contact in broken core	88	1901	48	10
90	135	32°		55	1902	186	34
100	138			72	1903	189	10
78	141			38	1904	149	8
60	144		143.3 – 148.0 Porphyritic biotite syenite	0	1		

trace py, cpy, K-spar alt'n along several veinlets, cpy in calcite-qtz-chlorite vein

trace py, cpy, weak to strong K-spar alt'n over 30% of core, cpy in calcite-qtz-chlorite vein 35 cm wide.

trace py, weak to strong K-spar alt'n over 80% of core includes plagioclase veinlet and banded calcite-qtz veinlets.

trace py, weak to moderate K-spar alt'n over 100% of core

trace py, weak to moderate K-spar alt'n over 50% of sample, includes chloritic fault gouge zone containing minor hematite

trace py, weak K-spar alt'n over 20% of core

trace py, includes chloritic fault gouge zone, minor hematite with chlorite.

trace py, several veinlets with K-spar alt'n

trace py, weak K-spar alt'n along veinlets over 10% of sample, in part Chuchi syenite

trace py, weak K-spar alt'n along veinlets, trace silvery molybdenite (possibly specular hematite) along a chloritic slip. Chuchi syenite

trace py, K-spar alt'n along veinlets over about 10% of core Chuchi syenite

trace py, weak to moderate K-spar alt'n over 50% of core Chuchi syenite

KOOKABURRA GOLD CORP. Page 5A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-04

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
50		30°		21	905	140	10
84	147		146.6 White pegmatite dyke, 1cm wide	47			
100		0°	148.0 - 152.5 Chuchi syenite, as previously described.	42	1906	86	<2
100	150			40			
94			152.5 - 154.9 Porphyritic biotite syenite	53	1907	217	<2
90	153	12°	154.9m or 508' End of Hole	60	1908	55	6

trace py, weak to moderate K-spar altn over 80% of core, in part Chuchi syenite

trace py, K-spar ± fld veinlets more numerous in Chuchi syenite, K-spar altn moderate over about 20% of core

trace py, moderate K-spar altn over 30% of core, Chuchi syenite

trace py, weak to strong K-spar altn over 40% of core in part Chuchi syenite

KOOKABURRA GOLD CORP. Page 5B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-04

KOOKABURRA GOLD CORP. Page 1A

AZIMUTH	LAT.	LOGGED BY	PROJECT
045°	Grid 412 N	Harvey Klatt	COL
INCL. -50°	LONG. Grid 1398E	ELEV.	HOLE 91-05

RECOVERY % | DEPTH cm/m in/ft | STRUCTURE | LITHOLOGY

0 - 21.9 Glacial till overburden.

3

6

9 Casing

12

15

18

67

50 21

84

100 24

100

75

83 27 45°

100

30

100

100

100 33 25°

89

78

100

36

21.9 - 29.5 Porphyritic biotite syenite, medium grained with about 1% plagioclase phenocrysts, abundant chloritic slip surfaces, infrequent calcite filled fractures and veinlets, moderately magnetic. Chloritic fault gouge zones present. Hematite along some of the chloritic slip surfaces. Mafics are variably chloritized.

29.5 - 29.7 Chuchi syenite dyke, pink to grey, fine to coarse grained and pegmatitic in places. Infrequent plagioclase phenocrysts. Biotite ranges from 5 to 35% and averages about 15%. Moderately magnetic. The syenite is cut by pink K-spar veinlets, chlorite and calcite filled fractures.

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
0	1909	108	4	trace py
0				
8	1910	272	14	trace py
0				
13				
9	1911	218	8	trace py, a few K-spar veinlets
15				
0	1912	94	6	trace py, intense K-spar? alt'n over 10% of core, minor epidote occurs with K-spar
0				
32				
11	1913	98	10	trace py, several K-spar alt'd veinlets
0				

KOOKABURRA GOLD CORP. Page 1B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-05

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-05

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY
100			
69			
88	39	34°	
100			
83			
100			
100	42		
66			
83			
92		45°	
92	45		
40			
75			
88			
62			
90	48		
36			
160		22°	
	51		
98			
100	54	35°	
75			
92	57		
28			
83			
100			
93	60		
100			
90			
100		60°	
58	63		
72			
0	65		
62			
34			
100	69	40°	
83			
100	72		

29.7 - 38.9 Feldspar porphyritic biotite syenite, as previously described

38.9 - 40.5 Intensely albitized zone, pink with minor K-spar in places. Relict textures of host rock are preserved.

43.9 - 48.2 (14 feet) Intense K-spar and chlorite alt'd. Sulphides average about 1%. Cpy averages about 0.9%. Some albitization present as a light yellowish-brown fine grained feldspar.

48.2 - 76.3 Feldspar biotite syenite, as previously described

50.0, 51.1, 51.2, 58.2 - 58.4, narrow pegmatite dykes

64.9 - 66.4 No core recovered, mislatch.

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-05

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
0				
14	1914	40	4	trace py, several K-spar alt'd veins, 50% of the sample is intensely albitized.
18				
23				
0				
17	1915	58	10	trace py, several K-spar alt'd veins, 30% of the sample is intensely albitized
24				
0				
0				
24	1916	6588	40	up to 15% sulphides in places, about 1% cpy in sample, ratio of py to cpy is about 1:9, Intense K-spar and chlorite alt'n associated with sulphides
0				
0				
0				
0	1917	3413	12	about 1% cpy in sample, K-spar and intense chlorite alt'n with sulphides, about ½% py.
0				
33	1918	138	4	trace py, weak K-spar alt'n along veinlets
43				
19	1919	49	4	trace py, weak K-spar alt'n over 10% of sample, K-spar rims plagioclase phenocrysts
0				
0	1920	39	4	trace py, weak K-spar alt'n over 80% of sample epidote filled fractures are common
0				
19				
18	1921	88	10	trace py, K-spar alt'n along several veinlets
0				
0				
0				
0	1922	120	6	trace py
25				
?	1923	168	< 2	trace py, poor core recovery
0				
0	1924	170	2	trace py.
31				
18	1925	129	2	trace py
25				

KOOKABURRA GOLD CORP. Page 3A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-05

RECOVERY %	DEPTH cm/m In/ft	STRUCTURE	LITHOLOGY
96	75	50°	
97			
100	78		
95		20°	
94	81	15°	
100			
100	84		
96			
100	87	16°	
83			
42	90		
100			
100			
83	93		
100			
100	96		
100			
100	99	10°	
83			
100	102		
100			
95	105	0°	
100			
	108		

76.3 - 77.4 Basaltic dyke, chloritic with infrequent saussuritized feldspar phenocrysts, irregular chilled margins

77.4 - 80.7 Porphyritic syenite - core, as previously described.

80.7 - 123.8 Chuchi syenite dyke, as previously described. Upper contact irregular, porphyritic phases present.

93.0 - 94.0 mafic, feldspar porphyritic phase of the Chuchi syenite

100.3 - 100.5 inclusions of porphyritic biotite syenite in Chuchi syenite dyke, cut by small K-spar veinlets.

ROD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
33	1926	18	<2
35	1927	39	<2
9	1928	134	8
0	1929	233	<2
44	1930	207	2
5	1931	435	2
25	1932	247	2
17	1933	264	<2
40	1934	239	2
5	1935	336	12
7	1936	456	8
11	1937	289	6
10			
6			
10			
8			

KOOKABURRA GOLD CORP. Page 3B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-05

trace py, weak K-spar alt'n over 10% of core, includes a small chlorite-calcite-hematite-qtz shear zone (25cm)

trace py, weak K-spar alt'n over 20% of core, includes basaltic dyke

trace py.

trace py, several K-spar alt'd veinlets in Chuchi syenite 90% Chuchi syenite.

trace py, K-spar along several veinlets, Chuchi syenite

trace py, K-spar along several veinlets, Chuchi syenite.

trace py, K-spar along several veinlets, includes mafic phase, Chuchi syenite

trace py, K-spar alt'n along several veinlets, Chuchi syenite

trace py, K-spar alt'n over 10% of core, Chuchi syenite

trace py, K-spar alt'n along several veinlets, Chuchi syenite

trace py, weak K-spar alt'n over 10% of core, Chuchi syenite

trace py, weak K-spar alt'n over 10% of core, Chuchi syenite

KOOKABURRA GOLD CORP.

Page 4A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-05

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY
100			
100			
92	111	18°	
100			
100	114		
100		0°	
100	117		
100	120		
100			
90	123	28°	
100	126		
97	129		
95			
100	132	50°	
63	135		
87			
100	138		
100		12°	
86	141		
100			
83	144		

123.8 - 134.8 Porphyritic biotite syenite, as previously described.

134.8 - 135.5 fine grained biotite syenite dyke, with 1-3% white feldspar phenocrysts, possibly a phase of the Chuchi syenite

135.5 - 142.7 Porphyritic biotite syenite, as previously described

138.4 a 2 cm wide pink aplite dyke at 25° to core axis

142.7 - 146.0 Chuchi syenite, as previously described. upper contact broken, lower contact is faulted.

KOOKABURRA GOLD CORP.

Page 4B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-05

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
5	1938	314	2	trace py, K-spar alt'n along several veinlets, Chuchi syenite
25				
5	1939	328	10	trace py, K-spar alt'n along several veinlets, Chuchi syenite
50				
50	1940	268	2	trace py, weak K-spar alt'n along veinlets over 10% of core, Chuchi syenite
77	1941	291	2	trace py, K-spar alt'n along several veinlets, Chuchi syenite
35	1942	256	< 2	trace py, weak K-spar alt'n along several veinlets, Chuchi syenite
24				
21	5461	101	2	trace py, weak K-spar alt'n along several veinlets
55	1944	83	< 2	trace py, includes a narrow K-spar aplite dyke, hematite alt'n & mafics in places
29	1945	136	2	trace py,
53				
0	1946	190	4	trace py, includes fine grained biotite syenite dyke
13				
28	1947	90	2	trace py, weak to moderate K-spar alt'n over 20% of core
11	1948	176	10	trace py
30				
17	1949	267	8	trace py, in part Chuchi syenite, K-spar alt'n over
21				

KOOKABURRA GOLD CORP.

Page 5A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-05

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO. cm/m	COPPER: PPM	GOLD: PPB
100		/30°		58	1950	265	6
87	147			29	1951	111	4

145.3 - 145.7 Fine grained syenite dyke or phase of the Chuchi syenite, same as between 134.8 - 135.5

146.0 - 148.8 Porphyritic biotite syenite as previously described.

148.8 End of Hole.

30% of core sampled

trace py, in part Chuchi syenite, hematite stn of mafics in places. Weak k-spar stn along veinlets over 10% of core

trace py, chlorite and sheared in part

KOOKABURRA GOLD CORP.

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AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-05

KOOKABURRA GOLD CORP.

Page 1A

AZIMUTH	LAT.	LOGGED BY	PROJECT
045°	Grid 326N	Harvey Kh+	COL
INCL. -55°	LONG. Grid 1200E	ELEV.	HOLE 91-06

RECOVERY % | DEPTH cm/m In/ft | STRUCTURE | LITHOLOGY | RQD | SAMPLE NO. | COPPER: PPM | GOLD: PPB

0 - 24.4 Glacial till and landslide boulders as overburden.

3
6
9 Casing
15
18
21
24

24.4 - 33.9 Chuchi syenite dyke, pink to grey, fine to coarse grained to pegmatitic in places, Infrequent plagioclase phenocrysts. Biotite content is variable and ranges from about 5% to 40% and averages about 20%, moderately magnetic. The syenite is cut by chlorite and calcite filled fractures and less frequently by pink K-spar alt'd veinlets. Lower contact at 30° and along a slip surface.

33.9 - 39.2 Porphyritic biotite manzonite, medium grained with about 1% plagioclase phenocrysts, chloritic slip surfaces are common, chloritic fault gouge zones are

76 | 92 | 60 | 100 | 72 | 83 | 100 | 100 | 71 | 100 | 75

27 — 50° — 30 — 27° — 33 — 36

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
0	1952	347	<2	trace py, several K-spar alt'd veinlets, Chuchi syenite
0	1953	1027	12	trace py, K-spar alt'n along veinlets over about 20% of rock, Chuchi syenite
0	1954	153	8	trace py, several K-spar alt'd veinlets, Chuchi syenite
10	1955	150	14	trace py, hematized mafics in places, in part Chuchi syenite
8				
0				
6				

KOOKABURRA GOLD CORP.

Page 1B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-06

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY
100			
78			
100	39	23°	
100			
100			
	42		
100			
100			
100	45	15°	
80			
100	48		
83			
100	51		
75		0°	
100			
92	54		
72			
100	57	12°	
100			
95	60		
100			
100	63		
91	66	48°	
100			
100	69	16°	
96	72		

present. Mafics are variably chloritized.
38.9 1% py and cpy over 25 cm in chloritized zone.
39.2 - 40.6 Pink pegmatite dyke phase of Chuchi syenite, about 1% pyrite with a trace of chalcopyrite. sulphides appear to partially replace mafics. Mafics are biotite and possibly hornblende, dyke contacts in broken core.
40.6 - 41.6 Porphyritic biotite monzonite, as described previously.
41.6 - 46.1 Chuchi syenite dyke, as previously described, upper contact intersects at about 0° to core axis.
42.2 - 42.9 biotite-hornblende? rich schlieren with a foliated texture
43.5 - 46.1 - pink K-spar rich phase of the Chuchi syenite, lower contact in broken core.)
46.1 - 103.0 Porphyritic biotite monzonite, as previously described.

59.8 a 10 cm wide dyke of pink Chuchi syenite at 40° to core axis, as previously described
62.6 a 2 cm wide dyke of pink Chuchi syenite at 20° to core axis, contains hornblende.

65.1 qtz-calcite veins over 10 cm with associated K-spar alt'n
67.7 - 68.0 Chuchi syenite dyke, at 60° to core axis

71.5 and 71.9-72.0 pink K-spar pegmatite dykes

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
7	1956	3855	62	trace py, cpy, up to 1% cpy over 25 cm in chloritized zone adjacent to intensely K-spar alt'd zone. K-spar alt'n over 30% of core
0				
9	1957	671	30	trace py, cpy, mostly in pink pematite phase, K-spar alt'n over about 40% of core. Mostly Chuchi syenite
0				
10	1958	339	10	trace py, K-spar alt'n over about 70% of core, Chuchi Syenite.
31	1959	824	16	trace py cpy, mostly is intensely K-spar alt'd phase of Chuchi syenite
0				
15	1960	1141	8	trace py
0				
22	1961	163	6	trace py
21	1962	210	10	trace py, moderate to strong K-spar alt'n over 20% of core
30				
0	1963	120	10	trace py, weak to moderate K-spar alt'n over 40% of core, K-spar alt'n adjacent to epidote and epidote-qtz filled veins
14				
0	1964	143	6	trace py
0				
53	1965	830	28	trace py, weak to strong K-spar alt'n over 60% of core, includes qtz-calcite veins
43				
13	1966	304	10	trace py, weak K-spar alt'n over 30% of core
25				
44	1967	101	4	trace py, includes K-spar dykes
53				

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
97				0	1968	135	6	trace py, includes narrow (1-3 cm wide) K-spar pegmatite dykes
100	75	35°	75.4 a 3 cm wide pink syenite dyke of Chuchi syenite, irregular contacts at roughly 80° to core axis	24				
100				13	1969	137	4	trace py, weak K-spar alt'n over 10% of core
95				0				
100	78	45° 26°		11				
94				0	1970	138	8	trace py
100	81			22				
10				0	1971	96	8	trace py
54	87			42				
100				11	1972	58	8	trace py
67		43°		23				
100	87			11	1973	85	4	trace py, includes Chuchi syenite dyke
90	93		92.6 - 88.9 Chuchi syenite dyke, contacts in broken core	0				
5				0	1974	266	10	trace py
100	93		93.4 - 93.8 Chloritized zone, 1% sulphides about 1:1 cpy : py ratio	17				
100				0				
77	96	0°		24	1975	709	36	trace py, cpy. in chloritic zone
90				8				
89				10	1976	80	12	trace py
78	99			28				
100				0				
83				20				
67		15°		0	1977	61	6	trace py
100	102			0				
92				22				
100			103.0 - 107.1 Chuchi syenite dyke, upper and lower contacts in broken core,	38				
94	105	45°		20	1978	46	4	trace py, in part Chuchi syenite dyke
100				14				
73	108		107.1 - 108.8 Porphyritic biotite monzonite, as	25	1979	248	6	trace py, weak K-spar along several veinlets, in part Chuchi syenite.
				7				

AZIMUTH | LAT. | LOGGED BY | PROJECT
INCL. | LONG. | ELEV. | HOLE 91-06

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
78				11	1980	128	4
73	111			0			
73		85°		0	1981	152	8
100	114			22			
86				29	1982	141	10
100	117	40°		16			
100				10	1983	258	8
100				39			
90	120			53	1984	43	6
100				30			
100	123			0			
100				47	1985	78	4
100	126	75°		25			
75				42			
100				8	1986	106	9
100	129			35			
100				29			
100		25°		11	1987	130	4
100	132	58°		42			
100				38			
12	135			39	1988	129	8
				0			
	138						
	141						
	144						

previously described.

108.8 - 110.7 Chuchi syenite dyke, as previously described.

110.7 - 136.6 Porphyritic biotite monzonite, as previously described.

112.0, 113.2, 113.9, 114.2, 125.2, narrow (less than 3 cm wide) Chuchi syenite dykes

113.6, 114.5, 131.4, chlorite-hornblende veins about 1 cm wide, minor pyrite occurs as a selvage

136.6 End of Hole

AZIMUTH | LAT. | LOGGED BY | PROJECT
INCL. | LONG. | ELEV. | HOLE 91-06

trace py, weak K-spar alt'n along veinlets, in part Chuchi syenite

trace py, weak K-spar alt'n along several veinlets, includes a chlorite-hbld veinlet and 2 narrow Chuchi syenite dykes

trace py, weak K-spar alt'n along several veinlets, includes a chlorite-hbld veinlet

trace py, weak-moderate K-spar alt'n over 10% of the sample includes a chloritic fault gouge zone

trace py.

trace py, weak K-spar alt'n over 10% of core.

trace py, weak K-spar alt'n along several veinlets

trace py, includes a chlorite-hbld vein, a trace of molybdenum along a chloritic slip surface.

trace py,

KOOKABURRA GOLD CORP. Page 1A

AZIMUTH	LAT.	LOGGED BY	PROJECT
315°	Grid 290N	Harvey Klatt	COL
INCL. -50°	LONG. Grid 1085E	ELEV.	HOLE 91-07

RECOVERY % | DEPTH cm/m in/ft | STRUCTURE | LITHOLOGY

0 - 18.3 Glacial till overburden

3

6 Casing

9

12

15

18

18.3 - 43.7 Chuchi syenite dyke, pink to grey, fine to coarse grained to pegmatitic in places, infrequent plagioclase phenocrysts. Biotite content is variable and ranges from about 5% to 40% and averages about 20%, moderately magnetic. The syenite is cut by chlorite and calcite filled fractures and less frequently by pink K-spar alt'd veinlets. Lower contact irregular and diffuse.

61 | 30 | 44 | 17 | 67 | 30 | 100 | 55 | 9 | 100 | 73 | 100 | 100 | 100

21 | 24 | 26° | 27 | 27° | 30 | 33 | 36

RQD | SAMPLE NO. | COPPER: PPM | GOLD: PPB

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
5	1989	291	2	trace py, Chuchi syenite
0	1990	241	2	trace py, Chuchi syenite
0	1991	241	<2	trace py, Chuchi syenite
0	1992	252	2	trace py, weak K-spar alt'n along several veinlets, Chuchi syenite
33	1993	265	<2	trace py, weak K-spar alt'n along several veinlets, Chuchi syenite
16	1994	350	6	trace py, weak to moderate K-spar alt'n over 80% of the sample, Chuchi syenite
7				
37				
0				

KOOKABURRA GOLD CORP. Page 1B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-07

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-07

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-07

RECOVERY	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
72				8	1995	4818	26	trace py, cpy, up to 1% cpy in places, moderate to strong K-spar alt'n over 70% of core sample except for chloritic alt'n in places. Chuchi syenite
100	39	21°	38.4 - 39.3 about 1% sulphides, about 1:1 cpy:py ratio, sulphides associated with a chlorite-calcite-qtz vein running the length of the interval.	60				
78				17	1996	289	4	trace py, weak to moderate K-spar alt'n over 70% of sample Chuchi syenite
100				12				
100	42	0°	43.9 - 46.2 Porphyritic biotite monzonite with numerous small dykes (up to 10 cm wide) with irregular and diffuse boundaries. The monzonite is medium to coarse grained with about 1% plagioclase phenocrysts, chlorite and sometimes calcite along fractures and slip surfaces	0				
100				20	1997	191	9	trace py, weak K-spar alt'n along veinlets over 20% of sample, in part Chuchi syenite
93	45			6				
100				39	1998	189	4	trace py, weak to strong K-spar alt'n over 40% of the core albite alt'n over 10% of the core, in part Chuchi syenite
75	48		46.2 - 54.7 Chuchi syenite dyke, as previously described, albitized in places, irregular and diffuse contacts 48.5, 54.8 exenoliths or narrow septa of porphyritic biotite monzonite up to 10 cm wide in core.	19				
100				8				
100				33	1999	168	4	trace py, K-spar alt'n over 50% of sample, albitization over 20% of the sample, Chuchi syenite
100	51	0°		17				
100				57	2000	3334	9	trace py, weak to moderate K-spar alt'n over 30% of the sample, Chuchi syenite
100				63				
100	54	8°	54.7 - 56.6 Porphyritic biotite monzonite, upper contact diffuse, lower contact at about 25° to core axis	25	2001	168	8	trace py, weak to moderate K-spar alt'n over 10% of the sample, in part Chuchi syenite
100				37				
100	57		56.6 - 58.2 Chuchi syenite dyke, lower contact irregular and diffuse	0	2002	90	2	trace py, weak to strong K-spar alt'n over 20% of the sample, albitization over 10% of the sample, in part Chuchi syenite
100				49				
100	60	70° / 35°	58.2 - 59.7 Porphyritic biotite monzonite, lower contact at about 20°	21	2003	144	8	trace py, weak to strong K-spar alt'n over 30% of the sample, includes a chloritic shear zone, in part Chuchi syenite
100				16				
100	63		59.7 - 62.0 Chuchi syenite dyke, lower contact in a chloritic shear zone at 35° to core axis	31				
100				38	2004	70	8	trace py, weak K-spar alt'n over 10% of the core.
100				16				
96	66		62.0 - 68.0 Porphyritic biotite monzonite, lower contact in broken core	11				
100				0	2005	134	8	trace py, weak to moderate K-spar along veinlets over 10% of core in part Chuchi syenite
100	69	55° / 35°	68.0 - 92.7 Chuchi syenite dyke, lower contact diffuse at about 10° to core axis.	37				
100				6	2006	293	12	trace py, weak K-spar alt'n along several veinlets, Chuchi syenite
100	72			0				

KOOKABURRA GOLD CORP.

Page 3A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-07

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
100		20°		0	2007	282	<2
100				6			
100	75			0			
81				0	2008	267	10
100	78			20			
94		90°		14	2009	226	12
100	81			27			
97				40	2010	142	8
100	84			28			
87		20°		77	2011	262	6
100	87			56			
83				0	2012	117	8
100	90			24			
92				18	2013	116	6
100	93	13°		0			
100				0	2014	105	4
93				39			
100	96			17			
100				28	2015	105	4
94		45° 28°		26			
92	99			34			
100				63	2016	820	14
100				33			
100	102			36			
79		42°		50	2017	2307	20
86	105			31	2018	100	6
86	108			30			

74.0 a 10cm wide pink pegmatite phase of Chuchi syenite

82.7 - 84.7 Porphyritic biotite monzonite, lower contact diffuse and irregular, includes small dykes of Chuchi syenite up to 10 cm wide

84.7 - 86.9 Chuchi syenite dyke, lower contact diffuse

86.9 - 103.7 Porphyritic biotite monzonite, lower contact at 27°

102.1 - 103.4 contains about ½% cpy, in chlorite-amphibole-albite veins. Chlorite-amphibole-albite veins contain cpy and py; and are crosscut by calcite-cpy veinlets.

103.7 - 104.0 Pegmatite dyke, K-spar and albite alt'd, phase of Chuchi syenite, lower contact at 30°

104.0 - 108.1 Porphyritic biotite monzonite, irregular contact

KOOKABURRA GOLD CORP.

Page 3B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-07

no py, K-spar alt'n along some fractures, a part is (10cm) K-spar pegmatitic phase of the Chuchi syenite included.

trace py, K-spar alt'n along some fractures, Chuchi syenite

trace py, K-spar alt'n along some fractures, Chuchi syenite

trace py, K-spar alt'n along some fractures, in part Chuchi syenite

trace py, K-spar alt'n along some fractures, in part Chuchi syenite

trace py,

trace py, several K-spar veinlets

trace py, several K-spar and albite alt'd veins

trace py, several K-spar and albide veinlets

trace py, cpy, weak K-spar alt'n over 20% of the core

trace py, cpy, up to ½% cpy over 40% of sample, weak K-spar alt'n over 10% of sample, albitization over 10% of the sample and is associated with a narrow pegmatite dyke.

trace py, strong K-spar and albite alt'n over 20% of sample

KOOKABURRA GOLD CORP.

Page 4A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-07

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY
100	111	24°	
100			
100	114		
100			
100	117	15°	
100	120		
100			
30		35°	
100	123		
100			
100	126		
93			
81	129		
100		25°	
100		0°	
100	132		
100			
88	135	24°	
100		25°	

108.1 – 112.7 Chuchi syenite dyke, lower contact in broken core.

112.7 – 113.4 Porphyritic biotite monzonite, lower contact in broken core

113.4 – 137.2 Chuchi syenite

114.8 Foliated zone or schlieren texture in Chuchi syenite

130.2 – 131.5 chloritic shear zone that is in part albitized, at 0 – 10° to core axis.

137.2m or 450' end of hole

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
11	2019	293	8	in part Chuchi syen.
39				trace py, weak to strong k-spar alt'n over 60% of sample Chuchi syenite
40	2020	525	6	trace py, weak to moderate k-spar alt'n over 10% of core in part Chuchi syen.
0				
47	2021	266	6	trace py, weak k-spar alt'n over 10% of the sample, Chuchi syenite
48				
4	2022	202	4	trace py, weak to moderate k-spar alt'n over 10% of core Chuchi syenite
28	2023	292	2	no py, weak k-spar alt'n along some fractures. Chuchi syenite
0				
11				
88	2024	312	10	trace py, k-spar alt'n along some fractures, Chuchi syenite
43				
67	2025	196	14	trace py, includes a chloritic fault gouge zone, weak k-spar alt'n over 10% of core
25				
42	2026	98	6	trace py, include albitized chloritic shear zone, weak k-spar alt'n over 40% of core
53				
67	2027	168	18	trace py, weak k-spar alt'n over 100% of core
28				
25	2028	85	8	trace py, weak k-spar alt'n over 100% of core

KOOKABURRA GOLD CORP.

Page 4B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-07

KOOKABURRA GOLD CORP.

Page 1A

AZIMUTH	LAT.	LOGGED BY	PROJECT
045°	6+1 197 N	Harvey Klatt	COL
INCL. -61.5°	LONG. 6+1 999 E	ELEV.	HOLE 91-08

RECOVERY % | DEPTH cm/m in/ft | STRUCTURE | LITHOLOGY

0-18.3 Glacial till overburden

18.3 - 27.6 Porphyritic biotite monzonite, medium to coarse grained with about 1% plagioclase phenocrysts. Chlorite and less frequently calcite along fractures and slip surfaces. Moderately magnetic except where intensely chloritized. Lower contact along a small shear zone at 54° to the core axis.

27.6 - 42.3 Chuchi syenite dyke, pink to grey, fine to coarse grained to pegmatitic in places, infrequent plagioclase phenocrysts. Biotite ranges from 5 to 40% and averages about 20%, moderately magnetic. Chlorite and sometimes calcite and rarely epidote on fractures and slip surfaces. Diffuse lower contact.

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
56	2029	106	8	trace py, includes some chloritic fault gouge
27				
75	2030	56	2	trace py
27				
50	2031	66	6	trace py
89				
28	2032	400	76	trace py, cpy, K-spar alt'n and albite alt'n intermixed, K-spar alt'n over 40% of sample, albite alt'n over 40% of sample, in part Chuchi syenite
32				
63	2033	318	10	trace py, weak K-spar alt'n over 20% of the sample, includes a chloritic fault gouge zone, Chuchi syenite
67				
11	2034	218	< 2	trace py, weak K-spar alt'n over 10% of sample, Chuchi syenite
47				

KOOKABURRA GOLD CORP.

Page 1B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-08

KOOKABURRA GOLD CORP. Page 24

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-08

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY
100	39		
100			
40			
100	42		
100			
100	45		
100			
88	48	10°	
100			
92	51		
100		0°	
92	54		
83			
	57	27°	
100			
94	60		
100			
83	63		
67			
89			
95	66	32°	
100			
	69		
100			
100	72		

42.3 – 45.3 Porphyritic biotite monzonite, several small Chuchi syenite dykes present, lower contact at 43° to core axis

45.3 – 46.0 Chuchi syenite dyke, mostly pegmatitic lower contact is diffuse

46.0 – 68.8 Porphyritic biotite monzonite, lower contact ± 25°

54.3 a 10 cm wide Chuchi syenite pegmatite dyke,

68.8 – 75.9 Chuchi syenite dyke, lower contact diffuse

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
87	2035	202	<2
50	2036	197	<2
15			
33			
21	2037	167	<2
7			
40	2038	148	<2
38			
46	2039	144	<2
38			
75	2040	101	<2
100			
44	2041	116	<2
48	2042	114	<2
31			
58	2043	127	<2
0			
17	2044	108	<2
33			
68			
87	2045	127	<2
7	2046	370	2
0			

KOOKABURRA GOLD CORP. Page 25

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-08

trace py, Chuchi syenite

trace py, Chuchi syenite

trace py, in part Chuchi syenite

trace py, weak to strong K-spar alt'n over 40% of core, albitization over 10% of core, in part Chuchi syenite

no py,

trace py, K-spar alt'n stringy veinlets, includes a narrow Chuchi syenite dyke

no pyrite, includes a K-spar alt'd veinlet

trace py, weak intermixed albite and K-spar alt'n over 10% of the sample

trace py

trace py

trace py, weak K-spar alt'n over 20% of core, includes a chloritic fault gouge zone in part Chuchi syenite

trace py, cpy, K-spar alt'n over 10% of core, in part brecciated and cemented by calcite and qtz. Chuchi syenite

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-08

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY
100			
100			
100	75	23°	
100			
82	78		
100			
100	81		
100			
89	84	15	
100			
100	87		
100			
96	90	30°	
100			
100	93		
100			
100	96		
100		0°	
100	99		
100			
95	102		
100			
100	105		
100		18°	
100	108		

73.5 - 74.2 albitized zone, white

75.4 - 75.7 albitized zone, white

75.9 - 90.9 Porphyritic biotite monzonite, lower contact at 25° to core axis

84.5 albitization appears to crosscut k-spar alt'n in fracture

85.4, 87.5 narrow (less than 10 cm Chuchi syenite dykes

90.9 - 91.5 Chuchi syenite dyke, albitized, lower contact at 30° to core axis.

91.5 - 93.2 Porphyritic biotite monzonite, lower contact irregular and diffuse

93.2 - 105.8 Chuchi syenite dyke, lower contact diffuse and in albite and K-spar alt'd zone

105.8 - 132.0 Porphyritic biotite monzonite

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-08

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
8	2047	219	<2	trace py, albitization over ~5% of core, K-spar alt'n veinlets Chuchi syenite
22				
13				
50	2048	139	<2	trace py, albitization over 10% of core. K-spar alt'n mixed in part with albitization
34				
50	2049	152	<2	no py, K-spar alt'n along several fractures
17				
27	2050	288	104	trace py, weak K-spar alt'n over 60% of core
61				
67	2051	126	2	trace py, weak K-spar and albitization over 20% of core
47				
61	2052	135	2	no py, includes a narrow Chuchi syenite dyke
37	2053	81	<2	no py, albitization over 20%, K-spar alt'n over 10% of core, in part Chuchi syenite
20				
40	2054	235	<2	no py, K-spar alt'n along fractures over about 30% of core, Chuchi syenite
53	2055	225	<2	trace py, K-spar alt'n over 10% of core, occurs with some albitization, Chuchi syenite
43				
90	2056	405	10	trace py, K-spar alt'n along fractures over about 10% of core, albitization over 40% of core, Chuchi syenite
52				
55	2057	136	10	trace py, K-spar alt'n over 30% of core, albite alt'n over 70% of sample, Chuchi syenite
47	2058	40	4	trace py, K-spar alt'n over 30% of core, albitization over 30% of core, mixed albite and K-spar alt'n over 40% of core
69				

KOOKABURRA GOLD CORP.

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-08

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	DESCRIPTION
								in part Chuchi syenite
100	111	18°		32	2059	74	6	trace py, moderately strong mixed albite and K-spar alt'n over 50% of core
100				29	2060	243	12	trace py, weak to moderate K-spar alt'n over 50% of sample
83	114	0°		25				
100				17				
71				14	2061	98	6	trace py, weak to strong K-spar alt'n over 60% of core, albitization over 10% of core along a fault gouge zone
44				0				
50	117			11				
100				25	2062	163	4	trace py, albitization in a fault gouge zone (narrow)
89				0				
93	120	8°		33				
100				33	2063	75	2	no py, albitization over 20% of core
75	123			0				
100				0				
100				42	2064	131	4	trace py, weak K-spar alt'n along several fractures
100	126			47				
100				75	2065	94	12	trace py, weak K-spar alt'n along several veinlets
88	129	70°		22				
100				60	2066	MISSING		no py, weak albitization along several veinlets
100				0				
83	132	20°						

KOOKABURRA GOLD CORP.

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-08

RECOVERY %	cm/m DEPTH in/ft	STRUCTURE	LITHOLOGY

KOOKABURRA GOLD CORP. Page 1A

AZIMUTH	LAT.	LOGGED BY	PROJECT
045	Grid 50N	Harvey Klatt	COL
INCL. -51°	LONG. Grid 1300E	ELEV.	HOLE 91-09

0 - 12.2 Glacial till overburden

3

Casing

9

12

12.2 - 19.9 Porphyritic biotite monzonite, medium to coarse grained with about 1% plagioclase phenocrysts. Chlorite and less frequently calcite along fractures and slip surfaces. Moderately magnetic except where intensely albitized or chloritized. Lower contact diffuse and at about 35° to core axis. Rare epidote along some fractures.

83 / 100

15

100

18 — 50°

100

19.9 - 20.2 Chuchi syenite dyke, pink to grey, fine to coarse grained to pegmatitic in places, infrequent plagioclase phenocrysts. Biotite ranges from 1 - 35% and averages about 20%, moderately magnetic. Chlorite and sometimes calcite along fractures and slip surfaces. Lower contact at about 35°. Some calcite veinlets contain hematite.

100

21 — 30°

100

24 — 20°

100

20.2 - 45.6 Porphyritic biotite monzonite, lower contact along a shear zone at 40° to core axis

27

100

25.1 - 27.0 intense albitization, white

30

100

29.2 - 29.5 intense albitization, white

33 — 25°

98

36

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
0	2067	128	4
0			
41	2068	277	6
25			
69	2069	165	4
88	2070	640	12
82	2071	266	10
63	2072	187	10
81	2073	149	2
61	2074	113	4

KOOKABURRA GOLD CORP. Page 1B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-09

trace py, K-spar alt'n along several veinlets

trace py, weak k-spar alt'n over 10% of core

trace py, K-spar alt'n over 30% of core, mostly in Chuchi syenite, in part Chuchi syenite

trace py, albitization over 20% of sample, includes a chloritic fault zone.

trace py, moderate to intense albitization over 100% of core, weak k-spar alt'n along several veinlets

trace py, cpy, weak to moderate albitization over 90% of core, weak k-spar alt'n along several veinlets

trace py, weak albitization over 10% of core, k-spar alt'n along several veinlets

trace py, weak albitization and k-spar alt'n along several veinlets

KOOKABURRA GOLD CORP.

Page 2A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-09

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
100	39	15°		37	2075	85	2
100	42			97	2076	134	4
100	45	30°		70	2077	632	22
100	48	60°		40	2078	1076	18
97	51			44	2079	193	<2
100	54			13	2080	421	6
94		45°		0			
100	57			0	2081	709	28
100	60	40°		13	2082	306	10
100	63			37	2083	231	10
100	66	0°		53	2084	129	6
100	69	30°		69	2085	235	10
97	72			75	2086	414	2

36.9 a narrow (3cm) pink pegmatite dyke at 43° to core axis

45.6 - 46.3 Chuchi syenite dyke, lower contact in broken core.

46.3 - 150.9 Porphyritic biotite monzonite, lower contact diffuse and irregular

56.6 a 15cm wide dyke of Chuchi syenite

63.5 a 2-6 cm wide Chuchi syenite aplite dyke

KOOKABURRA GOLD CORP.

Page 2B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-09

trace py, weak albitization over 10% of core, K-spar alt'n along several veinlets

trace py, weak albitization over 10% of core,

trace py, weak albitization over 20% of core, weak K-spar alt'n over 10% of core

trace py, cpy, weak K-spar alt'n along several veinlets

trace py, several K-spar alt'd veinlets

trace py,

trace cpy, py, cpy associated with intense pink K-spar alt'n along several veinlets. weak to strong K-spar alt'n over 10% of sample

trace py, weak K-spar alt'n in a few places

trace py

trace py, weak albitization along fractures over 10% of core

trace py, weak K-spar and albite alt'n over 90% of core includes a chloritic fault gouge zone

trace py, cpy, weak to moderate K-spar alt'n over 10% of core, weak albitization over 20% of core, some epidote present

KOOKABURRA GOLD CORP. Page 3A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-09

KOOKABURRA GOLD CORP. Page 3B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-09

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
100	75			57	2087	117	4	trace py, weak albitization over 10% of core, several veinlets with K-spar alt'n
100	78	53°		63	2088	153	6	trace py, weak albitization over 10% of core
100	81			43	2089	131	6	½ trace py.
100	84	40°	83.0 - 84.2 intensely albitized zone, white	44	2090	770	50	½ trace py, cpy, molybdenite, intense albitization over 40% of core, K-spar alt'n along several veinlets, books of moly occur with cpy in and out of the albitized zone.
89	87	50°	86.0 a 2cm wide Chuchi syenite dyke, at 40° to core axis	67	2091	305	22	trace py, cpy, weak albitization over 20% of core
100	90	45°		75	2092	354	14	½ trace py, weak K-spar alt'n over 10% of core
100	93			44	2093	142	14	trace py, weak K-spar alt'n over 10% of core
100	96		96.8 - 97.5 chloritic fault gouge zone	87	2094	538	8	trace py, cpy, cpy occurs with epidote and chlorite in a weakly K-spar alt'd zone over 10% of core.
100	99			72	2095	236	8	trace py, includes a chloritic fault gouge zone, weak K-spar alt'n over 20% of core
100	102			64	2096	366	< 2	trace py, cpy, cpy associated with a K-spar alt'd veinlet, weak K-spar alt'n over 20% of core
96	105	33°		61	2097	272	6	trace py, weak K-spar alt'n along veinlets over about 10% of core
100	108			52	2098	478	12	trace py, cpy, weak K-spar alt'n over 40% of core

KOOKABURRA GOLD CORP.

Page 4A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-09

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
			109.5 - 110.0 albitized fault zone w/ fg, contains about ½% sulphides; py and cpy				
98	111	20°		62	2099	515	10
93	114			35	2100	312	8
			116.5 a 2-3 cm wide pegmatite dyke				
100	117			66	2101	276	12
98	120	70°		49	2102	484	10
100	123			49	2103	193	4
100	126			41	2104	284	4
100	129	45°	128.2 a 2 cm wide pink Chuchi syenite dyke	50	2105	310	10
100	132	20°		62	2106	511	16
				66	2107	453	14
100	135						
				59	2108	280	6
100	138	34°	139.4, 141.2, 141.3, 141.9, 144.4, 147.2, 148.1 narrow (less than 3 cm wide) pink aplite dykes of the Chuchi syenite, in part albitized and or K-spar alt'd				
100	141	55°		58	2109	375	8
97	144			0	2110	406	12

KOOKABURRA GOLD CORP.

Page 4B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-09

trace py, cpy, strong albitization over 20% of core, cpy occurs within the albitized zones

trace py, cpy, weak K-spar alt'n over 10% of core

trace py, K-spar alt'n along several veinlets

trace py, cpy, molybdenite, sulphides occur along K-spar alt'd epidote-chlorite veinlets, K-spar alt'n along several veinlets

trace py

trace py, cpy, K-spar alt'n along several veinlets, cpy occurs with K-spar alt'd veinlets

trace py, cpy, molybdenite, sulphides occur in veinlets showing pink K-spar alt'n, several K-spar alt'd veinlets

trace py, cpy, weak to strong K-spar alt'n over 30% of core

trace py, cpy, weak K-spar alt'n over 50% of core

trace py, cpy, weak K-spar alt'n over 10% of core

trace py, cpy, weak K-spar alt'n along several veinlets

trace py, cpy, weak to strong K-spar alt'n over 70% of core, includes several narrow aplite dykes, weak albitization in places.

KOOKABURRA GOLD CORP. Page 5A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-09

KOOKABURRA GOLD CORP. Page 5B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-09

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
99	147			74	2111	262	6	trace py, cpy, weak K-spar alt'n over 40% of core, includes two narrow aplite dykes.
98	150			50	2112	244	6	trace py, cpy, weak K-spar alt'n over 20% of core
		50°	150.9 - 157.0 Biotite - hornblende monzonite, medium to coarse grained. Mafics are variably chloritized, patchy weak K-spar alt'n and chloritization. weakly magnetic					
100	153			62	2113	130	6	trace py, cpy, weak K-spar alt'n over 20% of core.
87	156	6°	156.3 - 157.0 a chloritic fault gouge zone	68	2114	97	6	no pyrite, trace hematite on slip surfaces
					2115	28	2	trace py, chloritic fault gouge zone, with hematite on some slip surfaces
			157.0 End of Hole					

KOOKABURRA GOLD CORP.

Page 17

AZIMUTH	LAT.	LOGGED BY	PROJECT
225°	Grid 252 S	Harvey Klatt	COL
INCL. -60°	LONG. Grid 100E	ELEV.	HOLE 91-10

RECOVERY % | cm/m DEPTH in/ft | STRUCTURE | LITHOLOGY | RQD | SAMPLE NO. | COPPER: PPM | GOLD: PPB

0-15.8 Glacial till overburden

3

Casing

9

12

15

87

18

100

21

25°

100

92

24

35°

100

68°

27

100

100

30

50

88

33

6°

75

87

36

15.8 - 58.6 Chuchi syenite, fine to medium grained biotite syenite plagioclase phenocrysts comprise 1-3% of the rock. Moderately magnetic where not argillic alt'd. Chlorite and calcite present in fractures. Hematite is present on slip surfaces within the argillic alt'd zone. Fault and shear zones present.

15.8 - 20.0 unaltered Chuchi syenite, anastamosing chloritic fractures, lower contact faulted at 25°.

20.0 - 58.6 moderate to intensely argillic altered zone, chlorite and hematite along fracture planes

22.2 - 22.9 talc alt'd with trace pyrite in fault breccia zone

33.7 molybdenite in narrow albitized zone, in broken core, less than 1% moly.

23

56

54

68

2/21

14

8

trace py, strong to intense argillic alt'n, hematite present, includes a talc alt'd breccia zone

32

27

41

0

0

0

13

KOOKABURRA GOLD CORP.

Page 18

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-10

KOOKABURRA GOLD CORP. Page 2A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-10

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
100	39	24°		63				
100	42			57				
100	45	10°		30				
100	48			62	2/22	7	6	trace py, moderate argillic altn, chlorite on slip surfaces
100	51	15°		60				
100	54	35°		78				
91	57			28				
100	60			62				
100	63	41°		81				
94	66	75°		43				
100	69			46				
100	72			53	2/23	26	10	no pyrite, strong to intense argillic altn, minor hematite

48.2 - 50.6 Brecciated zone, homeolithic breccia, cemented by chlorite and hematite, most fragments appear to have been rotated slightly.

50.6 - 51.3 heterolithic breccia zone of Chuchi syenite and possible monzonite fragments cemented by fault gouge. Lower contact along a 1cm wide hematite-chlorite fault gouge zone at 15° to core

53.2 - 54.1 chloritic fault gouge zone at 35° to core axis

58.6 - 73.8 Coarse grained strongly argillic altered megacrystic syenite. Biotite is preserved in places as are K-spar laths up to 2 cm long. Weakly magnetic in places but generally nonmagnetic. Possibly a phase of the Chuchi syenite. Lower contact at a fault zone at 40° to core axis.

66.3 grey megacrysts of K-spar are up to 2 cm long.

KOOKABURRA GOLD CORP. Page 2B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-10

KOOKABURRA GOLD CORP. Page 3A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-10

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY
100	75	32°	
100	78	38°	
100	81		
100	84		
97	87	52°	
100	90		
100	93	63°	
100	96		
97	99	80°	
100	102	50°	
100	105		
100	108	62°	

73.8 - 140.3 fine to medium grained Chuchi syenite, as previously described. Lower contact faulted at 73°

75.8 - 78.6 red hematite stained argillic altered zone

RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB	
71				
61				
60				
63				
85				
49				
55				
38				
45	21247	29	4	no pyrite, weak to strong argillic alt'n minor hematite and chlorite present
29				
56				
42				

KOOKABURRA GOLD CORP. Page 3B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-10

KOOKABURRA GOLD CORP.

Page 4A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-10

Page 4B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-10

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
100	111	40°		43			
100	114			73			
100	117			89			
100	120	68°		80			
100	123			87			
95	126			66			
100	129			82			
100	132			95			
98	135			91	2125	112	6
100	138	42°		90			
100	141	73°		73			

130.3 - 132.8 Fault breccia zone, intense argillic alt'n

137.2 several hematite stained zones on slip surfaces up to 1 cm wide

140.3 - 142.3 Biotite monzonite, chloritized matics, medium grained, moderately magnetic. Chlorite, calcite and calcite on slip surfaces.

141.1 - 141.4 relatively fresh dyke of Chuchi syenite, contacts

142.3 End of hole

no pyrite, intense argillic alt'n, some hematite stain present

may be faulted or intrusive, contacts are in chloritic clay zone

KOOKABURRA GOLD CORP.

Page 1A

AZIMUTH	LAT.	LOGGED BY	PROJECT
225°	Grid 293 S	Harvey Klatt	COL
INCL.	**LONG.**	**ELEV.**	**HOLE**
-60°	Grid 1500E		91-11

RECOVERY % | cm/m DEPTH in/ft | STRUCTURE | LITHOLOGY | RQD | SAMPLE NO. | COPPER: PPM | GOLD: PPB

0 - 15.8 Glacial till overburden

3
6 Casing
9
12
15

15.8 - 69.7 Moderate to intensely argillic alt'n of a medium grained intrusive rock, probably Chuchi syenite. Hematite stained fractures and slip planes. Chlorite on some fractures. Mafic minerals are chloritized except for biotite in a few places. Calcite filled fractures in a few places. Non to weakly magnetic where argillicly alt'd. In less altered zones laths of K-spar up to 1.2 cm long are hosted in a fine grained matrix of K-spar, albite and biotite. Talc or sericite along some slip surfaces in the more intensely argillic altered zones. Rare qtz veinlets up to 0.5 cm wide. Lower contact at a shear zone at 43° to core axis.

RECOVERY %	DEPTH	STRUCTURE	RQD
74	18	50°	25
71			0
100	21		27
100	24		39
100	27	66°	34
100	30		31
88	33	60°	43
100	36		18

SAMPLE NO.	COPPER: PPM	GOLD: PPB	
2116	10	2	no pyrite, hematite along fractures and replacing mafics in syenite weak to strongly argillic altered.

KOOKABURRA GOLD CORP.

Page 1B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	**LONG.**	**ELEV.**	**HOLE**
			91-11

KOOKABURRA GOLD CORP. Page 2A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-11

KOOKABURRA GOLD CORP. Page 2B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-11

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
100	39	45°		68			
100	42			37			
100	45			65			
97	48	55°		71			
97	51	55°		77			
100	54			68	2117	14	2
100	57	60°		80			
100	60			82			
100	63			67			
100	66	60°		84			
100	69	43°		69			
100	72			69			

no pyrite, hematite and limonite on fractures, moderate argillic alt'n

69.7 - 80.2 Biotite monzonite equigranular and medium grained. Mafics are typically chloritized. Chlorite and

KOOKABURRA GOLD CORP. Page 3A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-11

KOOKABURRA GOLD CORP. Page 3B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-11

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	ROD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
100	75	40°	calcite along fractures and slip surfaces, trace py moderately magnetic. Lower contact at a shear zone at 30°	74			
100	78	35°	72.3 - 75.6 Albitized zone, pale pink	55			
100	81		74.9 a 4 cm wide Chuchi syenite dyke at about 80° to the core axis, irregular contacts	64			
100	84	40°	80.2 - 131.5 Moderate to intense argillic alt'n of a medium grained intrusive rock, probably Chuchi syenite as described previously. Limonite and/or hematite replaces mafics in places and occurs along slip planes	54			
100	87			92			
100	90	55°		98	21/8	9	27
100	93			70			
100	96	77°		34			
91	99			74			
100	102			14			
100	105	55°		72			
100	108			63			

No pyrite, moderate to strong argillic alt'n, hematite along some slip planes

KOOKABURRA GOLD CORP. Page 4A

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-11

RECOVERY %	DEPTH cm/m in/ft	STRUCTURE	LITHOLOGY	RQD	SAMPLE NO.	COPPER: PPM	GOLD: PPB
100	111			51			
97	114	18°		31			
73				60			
97	117			80			
88	120	45°		67	2119	22	12
100	123			73			
91	126	60°		74			
100	129			67			
100	132	50°		59			
100	135	60°		27			
100	138			66			
100	141	37°		86	2120	9	12

119.4 – 120.1 Composite quartz vein and breccia zone, trace pyrite, veins at 45° to core axis

121.3 a 10 cm wide fault bounded wedge of biotite monzonite, chloritic. Lower contact at 75° to core upper contact at 75° to core

122.0 – 122.4 a fault bounded wedge of biotite monzonite, chloritic, upper contact at 55° to core axis, lower contact irregular in a chloritic fault gouge zone.

131.5 – 142.9 Coarse grained strongly argillic altered megacrystic syenite. Biotite is preserved in places as are K-spar laths up to 4 cm long. Non magnetic. Possibly a phase of the Chuchi syenite

142.9 End of Hole

KOOKABURRA GOLD CORP. Page 4B

AZIMUTH	LAT.	LOGGED BY	PROJECT
INCL.	LONG.	ELEV.	HOLE 91-11

trace py, includes qtz vein and qtz breccia zone, intense argillic altn, some core lost in drilling, well sheared

no pyrite, strong to moderate argillic altn, hematite and minor chlorite on some fractures.