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Till Geochemical Sampling Program

(NTS 31 C / 15)

FOR

E-Minerals Exploration Corp.

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Clarendon Township Zinc Property

Summary

In Clarendon Township and in particular underlying the Company's claims, there are very favorable geological horizons for deposition of base metals and gold mineralization such as for zinc-silver-lead-gold derived from a volcanic exhalative source. Silliminite gneiss, diopside-tremolite marbles, amphibiolites, magnetite and paralleling gold vein structures were found and are indicative of perhaps a larger source of zinc mineralization close by.

The geochemical till sampling program conducted over the 34 unpatented claim group belonging to E-Minerals was carried out from October of 1997 to September of 1999.

This was in addition to a larger program of exploration consisting of geological mapping, sampling, prospecting, and limited diamond drilling. The most recent work consisted of a till geochemical soil survey over a large portion of the claims to determine if there were any mineralized trends continuous over the two groups.

The program covered the western property and portions of the eastern group, and included linecutting, sampling, prospecting and analysis of the samples from the field work. A total of more than 284 rock and 1078 till samples were taken during this survey.

As a result of this work several anomalous trends were found to strike parallel or coincide with several zones previously outlined.

A total of twelve anomalous trends were outlined by these surveys, eleven of which have significant zinc responses and one with significant gold assays. Values as high as 5.95% zinc over 1.71 meters of width and 329.0 grams per ton of gold over 0.31 meters were outlined in the most recent surveys. Till samples returned values as high as 10,000 parts per million in zinc (more than 1%) were outlined in the most recent survey.

Till sampling has been useful in delineating the mineralization, and was used in locating at least four of the zones previously. For the present program, the till survey has been a good indicator of the lateral or along strike extension of some of the known mineralized zones and indicates potential mineralized exposures below the overburden.

In the past regional mapping indicated that zinc mineralization was associated with one specific marble-paragneiss horizon which has been traced for at least 1400 meters length on the property. This zone had the potential for greater extensions in both directions. From the results we see that there are at least three parallel zones with both massive and disseminated sulphides. A number of older trenches, pits and exploration shafts were noted in the geological mapping put in by previous exploration groups but little is known or is on record from these surveys. It is important that these locations be accurately mapped and re-sampled to determine what its significance is to our known zones.

Further exploration is warranted on these claims. It should consist of detailed, close interval, geological mapping, specifically to detect the association between the zinc and type of carbonate metasediment the zinc sulphides are associated with

proton magnetometer surveys, detailed induced polarization surveys, and further basal till sampling in the central portions of the grid areas at closer intervals especially where anomalous values have indicated significant mineralization. Finally diamond drilling will be needed to test some of the better targets from these surveys.

Introduction

The original property consisted of thirteen contiguous mining claims in one group, and covered some three hundred and sixty-four hectares in the central section of Clarendon Township in Southeastern Ontario (NTS 31C/15). Due to recent staking, the group now consists of 20 claim units in the western group and 14 claim units in the eastern group for a total of 34 unpatented mining claims.

The property is underlain principally by Proterozoic carbonate and clastic metasediments which contain gold and zinc values.

Previously, exploration was conducted for gold-bearing quartz-tourmaline veins. All of the gold occurrences (Boerth Mine, Webber Occurrence, and James Occurrence) occur on the north limb of the Fernleigh Syncline, which is steeply overturned to the southeast. The quartz veins are structurally controlled (tension faults) along marble-metaclastic contacts which have undergone intense deformation, and vary from 0.3 to 3.0 meters in width. The Boerth Mine produced some thirteen ounces of gold during 1900. These occurrences are in line of strike along the same contact area, and are separated by a distance of approximately 1600 meters.

The property is presently being explored for its zinc potential as several significant zinc anomalies and occurrences have been found on adjacent properties along a stratigraphically controlled marble-metasediment contact. Carter from the ODM has expressed that this contact area has potential for a major zinc deposit.

Zinc anomalies located some 200 meters to the north of the gold-bearing zones, and have been traced for a distance of at least 1400 meters on the property.

Recent prospecting uncovered zinc values along the same contact area as the initial discovery, some 1400 meters to the northwest. Prospecting to the west has also delineated surface expressions of zinc-bearing material at least for another 600 meters. All of these zinc showings lie along the same marble-paragneiss contact but the displacement that the zinc mineralization has undergone may indicate a sub-parallel zone or offsetting due to local faulting or folding of the marble units.

Our exploration for zinc has been limited in the area covered by the claim group controlled by the company. There is potential for further extensions of these mineralized zones or finding a large deposit with significant zinc values. These values have been found throughout the property but exploration has been made difficult by overburden cover in several central areas covered by low ground. The use of geochemical till sampling has proven to be an excellent prospecting tool in this instance and any follow-up programs should consider this method of exploration.

Location & Access

The property is located some 400 kilometers east of Toronto or 113 kilometers southwest of Ottawa, and lies in the north-central portion of Clarendon Township. It is some 2.0 kilometers west-northwest of the village of Ardoch, or 1.2 kilometers east of the hamlet of Fernleigh.

The property can be accessed by road north from Highway # 401 at Napanee or Kingston exits north to Highway # 7.

From Napanee, Highway # 41 is taken for some 69.0 kilometers north to Kaladar, and then some 20.5 kilometers north of Kaladar on Highway # 41 to Highway # 506. East on Highway # 506 for 24.2 kilometers to the Swaugers Lake Concession Road and north for some 1.5 kilometers to the south boundary of the property. The east section of the property can be accessed by taking Highway # 506 for another 4.8 kilometers east of the Swaugers Lake Concession Road to a bush road (0.5 kilometers north of the Ontario Hydro Powerline). The east boundary is some 0.8 kilometers west of Highway # 506 by taking either the bush road or the powerline.

From Kingston, Highway #38 (Harrowsmith exit) is taken north to Sharbot Lake and for another 9.0 kilometers north to the Ardoch Road which is followed for 25.9 kilometers to the junction with Highway # 506. From the junction, Highway # 506 is taken for some 1.6 kilometers north to the powerline or some 2.1 kilometers north to the bush road. The bush road is presently used by timbering trucks which is concentrated towards the east side of the property.

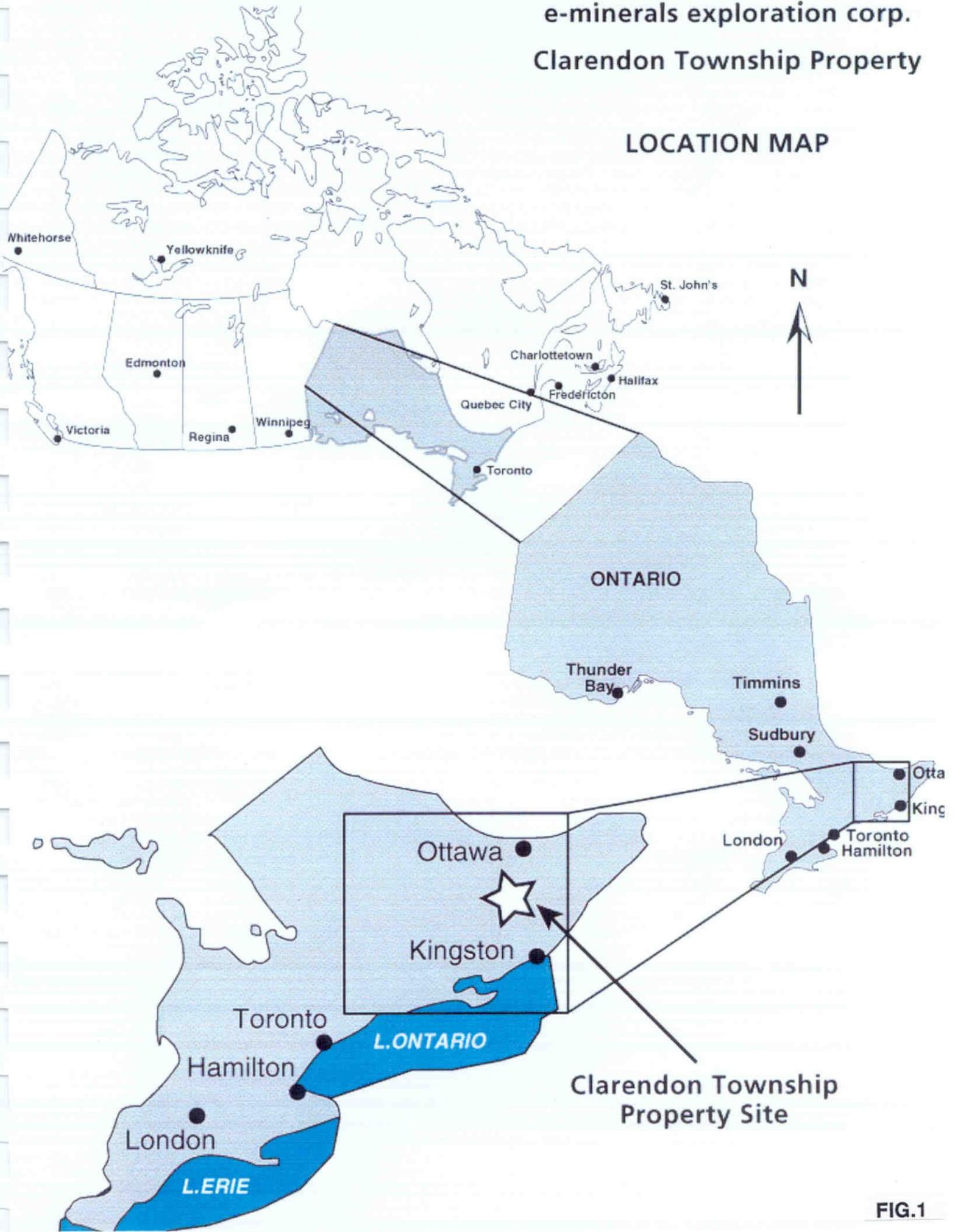
Property Status

This property consists of 34 unpatented mining claim units for a total of 680 hectares of ground comprising the following group of claims:

<u>Claim No.</u>	<u>No. Units</u>	<u>Staked</u>	<u>Expiry Date</u>
S.O. 1191457	3	Aug. 9/94.	Aug. 9/00
S.O. 1191458	8	Aug. 9/94.	Aug. 9/00.
S.O. 1191459	2	Apr. 11/95.	Apr. 11/00.
S.O. 1163444	1	Nov. 26/97.	Dec. 12/99.
S.O. 1229819	2	Nov. 15/97.	Dec. 12/99.
S.O. 1229820	2	Nov. 12/97.	Dec. 12/99.
S.O. 1229821	2	Nov. 16/97.	Dec. 12/99.
S.O. 1229822	4	Nov. 20/97.	Dec. 12/99.
S.O. 1229823	2	Nov. 21/97.	Dec. 12/99.
S.O. 1229828	2	Nov. 22/97.	Dec. 12/99.
S.O. 1229829	2	Nov. 19/97.	Dec. 12/99.
S.O. 1229830	<u>4</u>	Nov. 23/97.	Dec. 12/99.
Totals: 12 Blocks	34 Claim Units		

e-minerals exploration corp.
Clarendon Township Property

LOCATION MAP



Clarendon Township
Property Site

FIG.1

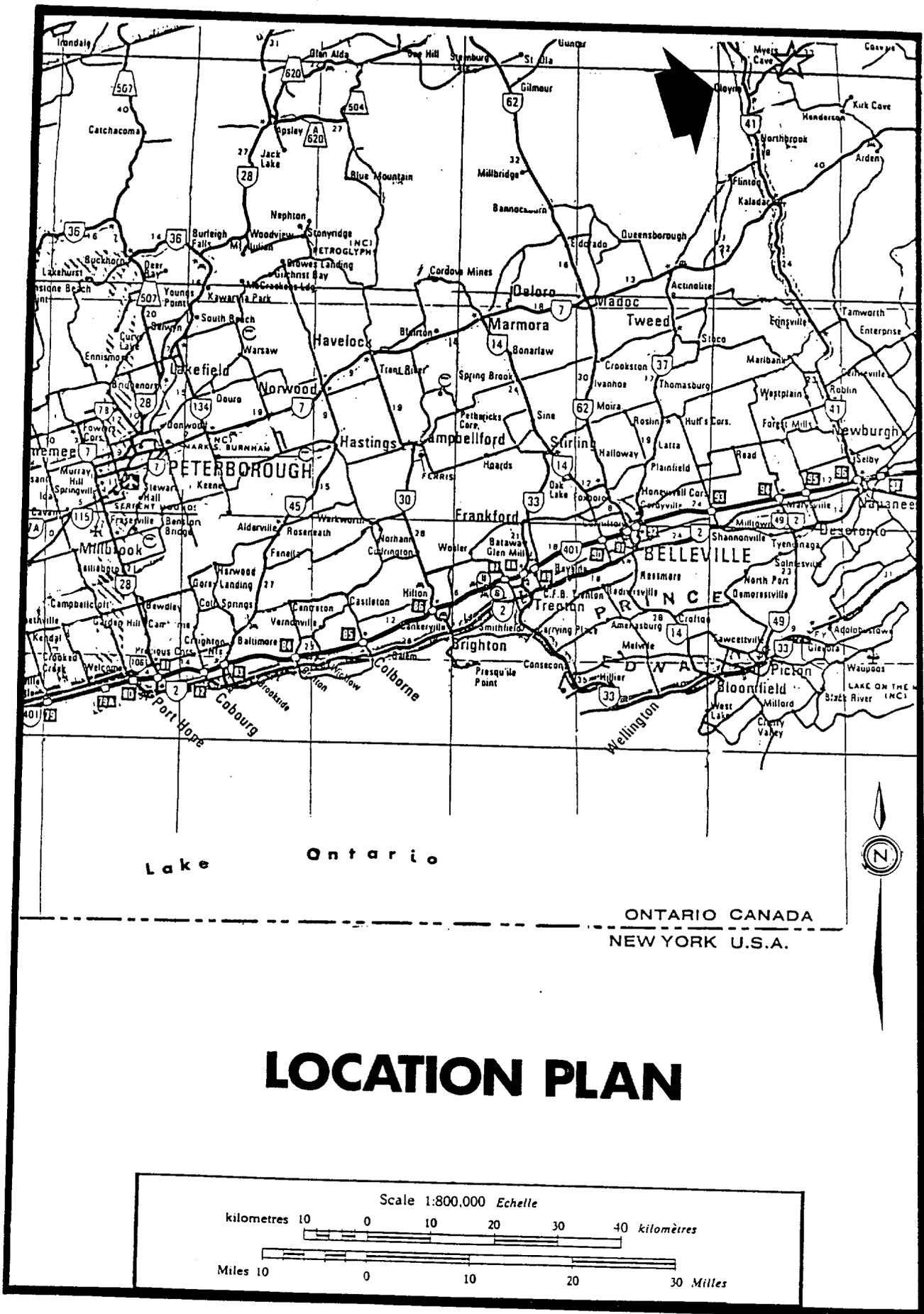
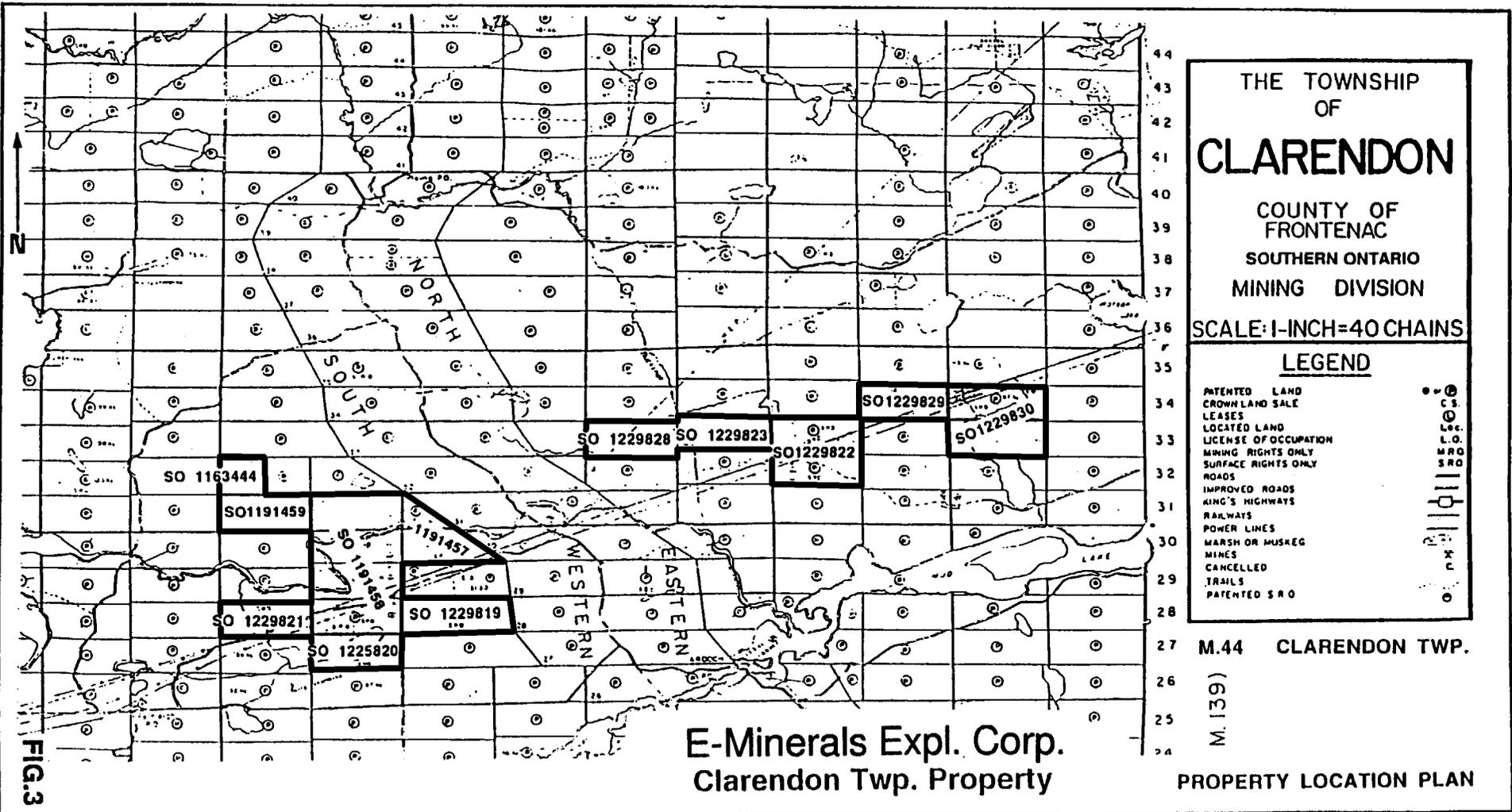


FIG.2



Regional Geology

Clarendon Township lies within the Central Metasedimentary Belt and is dominated by Grenville Supergroup of late Precambrian (Proterozoic) rocks. The Grenville Supergroup is made up of older metavolcanic and metasedimentary rocks of the Hermon and Mayo Groups and by younger metasedimentary rocks of the Flinton Group which rest unconformably (Pauk, 1987) on the older supercrustal rocks in a narrow northeasterly trending structure in the central portion of the township. This structure is known as the Fernleigh Syncline which plunges 8-10 degrees to the northeast.

All of the units have undergone late Precambrian metamorphism (almandine-amphibolite facies).

Pauk (1987) indicates at least two episodes of post-Flinton Group deformation of folding, causing northeast trending synforms and antiforms.

The description of the geological units and lithologies found in the immediate area around the property are found in the text of this report as Fig. 3 and Fig. 4 and are described under the Mines and Minerals Division Report #241 from the Ministry of Northern Development and Mines of Ontario dated 1987. The author L. Pauk goes into detail as to the mineralogical breakdown of each unit and has a high regard for the mineral potential of his area.

Local Geology

The property is underlain by Grenville Supergroup rocks of late Precambrian (Helikian) age and by stratified rocks postdating this group (Moore & Thompson, 1980). This is made up of carbonates and clastic metasediments of the Hermon and Mayo Groups. The Hermon Group includes tholeiites, basalts, andesites, dacites, rhyolites, and wackes. The Mayo Group, overlying the Hermon Group rocks, is made of dolomitic marbles. Lying unconformably on top of the above groups, is the Flinton Group consisting of: the Fernleigh Formation, the Myer Cave Formation, and the Bishop Corners Formation. The Flinton Group which is made up of pelites, quartzites, marbles, graphite, sulphide-bearing schists, and pebble conglomerates. The Flinton Group unconformity crosses immediately south of Swaugers Lake and immediately south of claim 1191458. These groups are made up of an assemblage of metamorphosed volcanic and sedimentary rocks. The above groups are intruded by mafic (gabbroic) dykes and felsic sills.

Meta-plutonic intrusive rocks of the Elzevir Batholith and the Northbrook-Cross Lake Batholith intruded these areas along with mafic gabbro dykes and felsite sills. All of the rock units have undergone almandine-amphibolite metamorphism facies.

The rocks have been affected by three periods of deformation (Moore & Thompson, 1980). The first period of deformation consists of isoclinal to recumbent folds. The schistosity is highly foliated in a northeasterly direction and close to sub-

TABLE 1. TABLE OF LITHOLOGIC UNITS FOR ARDOCH AREA.	
PHANEROZOIC	
CENOZOIC	
QUATERNARY	
PLEISTOCENE AND RECENT	
Till, gravel, sand; organic deposits, alluvium.	
<i>Unconformity</i>	
PRECAMBRIAN	
LATE PRECAMBRIAN (PROTEROZOIC)	
MIDDLE TO LATE TECTONIC FELSIC INTRUSIVE ROCKS	
Pegmatite dikes, pegmatite sills.	
<i>Intrusive Contact</i>	
GRENVILLE SUPERGROUP	
FLINTON GROUP	
FERNLEIGH FORMATION	
Biotite-carbonate schist	
MYER CAVE FORMATION	
Graphite \pm pyrite schist; marble, dolomitic marble and interlayered graphite \pm pyrite schist and pelitic schist; carbonate clast metaconglomerate, marble.	
BISHOP CORNERS FORMATION	
Pelitic schists: muscovite-quartz \pm biotite \pm plagioclase \pm garnet \pm staurolite \pm kyanite \pm sillimanite \pm magnetite schist; calcareous quartzite, impure calcitic marble; quartzite pebble metaconglomerate, polymictic metaconglomerate, migmatized metaconglomerate; hornblende-biotite-plagioclase \pm carbonate schist.	
<i>Unconformity</i>	
METAMORPHOSED FELSIC TO INTERMEDIATE INTRUSIVE ROCKS	
ABINGER PLUTON	
Muscovite \pm biotite granite gneiss; fine grained leucocratic dikes.	
NORTHBROOK BATHOLITH	
Trondhjemite gneiss, granodiorite gneiss; feldspar porphyry dikes and sills; coarse grained migmatite with potash feldspar-quartz segregations.	
METAMORPHOSED MAFIC INTRUSIVE ROCKS	
Medium and coarse grained gabbro and diorite, fine grained, foliated biotite-bearing gabbro-diorite phases, granodiorite and aplite phases, mafic sills and dikes.	
<i>Intrusive Contact</i>	
METASEDIMENTS	

Fig. 3

ARDOCH AREA

CLASTIC METASEDIMENTS

Calcareous sandstone: muscovite-biotite-carbonate-plagioclase-quartz gneiss and schist; lithic sandstone, lithic calcareous sandstone, lithic mudstone; siliceous siltstone: pyrite-muscovite-quartz-plagioclase gneiss and schist.

CARBONATE METASEDIMENTS

Grey and white, mostly massive, dolomitic marble, locally grey, silty dolomitic marble, grey and white laminated marble, massive grey and white marble; marble and dolomitic marble with large lenses and layers of white quartzite, locally up to 30%; marble interlayered with clastic siliceous metasediments: rusty weathering muscovite-pyrite-quartz-plagioclase gneiss and schist, biotite-quartz-feldspathic gneiss; marble interlayered with hornblende-biotite-plagioclase \pm carbonate gneiss; tremolite, phlogopite, diopside, scapolite-bearing marble; marble interlayered with layers of radiating aggregates of amphibole or amphibolite; marble metaconglomerate; tremolite, phlogopite-bearing fragmental marble.

FELSIC TO MAFIC GNEISSES OF MIXED VOLCANIC AND SEDIMENTARY ORIGIN**INTERLAYERED FELSIC AND INTERMEDIATE GNEISSES**

Biotite-quartz-feldspathic \pm muscovite \pm garnet gneiss; laminated biotite-quartz-feldspathic \pm garnet gneiss; biotite-plagioclase-quartz \pm carbonate \pm microcline \pm muscovite gneiss, locally coarse grained segregations of hornblende or biotite, local garnet porphyroblasts; hornblende-biotite-quartz-plagioclase gneiss; biotite-hornblende-quartz-plagioclase gneiss.

MAFIC GNEISSES

Hornblende-plagioclase \pm biotite \pm garnet gneiss, biotite-hornblende-plagioclase-quartz schist; scapolite-diopside-hornblende-carbonate-plagioclase \pm garnet gneiss; coarse grained amphibolite; fine grained amphibolite with relict amygdules.

METAVOLCANICS**MAFIC TUFFS INTERLAYERED WITH CARBONATE METASEDIMENTS AND LIMY MUDSTONES**

Biotite-carbonate \pm garnet schist; hornblende-carbonate \pm biotite \pm garnet schist; layers of radiating aggregates of amphibole: hornblende-anthophyllite-plagioclase \pm spinel \pm biotite \pm garnet assemblage, cummingtonite-tremolite-magnesium chlorite \pm olivine assemblage; amphibolites: cummingtonite-anthophyllite-plagioclase \pm magnesium chlorite assemblage, hornblende-plagioclase \pm carbonate assemblage.

FELSIC TO INTERMEDIATE METAVOLCANICS

Fragmental muscovite-biotite-potassium feldspar-plagioclase-quartz gneiss; hornblende-biotite-quartz-plagioclase gneiss, locally with relict fragments; biotite-plagioclase-quartz \pm hornblende \pm muscovite gneiss, local garnet porphyroblasts; garnet-muscovite-biotite schist.

MAFIC TO INTERMEDIATE METAVOLCANICS

Hornblende-plagioclase \pm garnet gneiss, local hornblende porphyroblasts, local relict phenocrysts of plagioclase, local diopside-hornblende-plagioclase gneiss; massive amphibolite, pillowed amphibolite; quartz-biotite-hornblende-plagioclase \pm garnet gneiss, local relict phenocrysts of plagioclase; fragmental hornblende-plagioclase \pm biotite \pm carbonate gneiss.

Fig. 4

vertical. The rocks strike N40-60E and plunge flatly 10-30 degrees northeast. The second phase of deformation is coaxial with the first (Pauk, 1987). The above deformations were controlled by the large pluton intrusions. The third deformation occurred when the folds were bent around the Elzevir Batholith to the west of the property.

The structures existing on the property are the overturned Boerth Anticline (showing drag folding), and the Swaugers Syncline which is stressed with D-2 folding.

The Herman group includes tholeites, basalts, andesites, dacites, rhyolites and greywackes. The Mayo Group, which overlies the Herman Group, is made up of dolomitic marbles. Meta-plutonic rocks such as those mapped as the Elzevir Batholith and the Northbrook-Cross Lake Batholith are later intrusives into these units.

There is a major unconformity-discordance between these and the Flinton group sedimentary rocks which is comprised mainly of pelites, marbles, quartzites, graphitic horizons, sulphide-bearing schists and pebble conglomerates. All of these units have undergone almandine to amphibolite metamorphic facies alterations. The whole area has also been affected by at least one period pre-Flinton sedimentation (Moore and Thompson, 1980) and two periods of post-Flinton deformation.

Most of the mineralized quartz veins found on these claims range in size from 0.1 to 4.0 meters in width. Gold is generally associated with tension or dilation fractures with associated tourmaline mineralization. Zinc on the other hand has been found in three settings; as disseminated sphalerite within dolomitic marbles, massive sphalerite within remnant calcitic marbles and in close proximity to the intrusive rock units, and as massive sphalerite layers or as veins or disseminated horizons along contacts with the dolomitic marbles and meta-sedimentary units. One area of particular interest is where there are flexures or drag folding along contact units. It is thought the zinc mineralization was introduced into the carbonate depositional environment by volcanogenic exhalative activity (Delsile, 1989).

Secondary to the zinc and gold mineralization are accessory minerals such as copper, lead, silver, molybdenite, magnesium and iron.

Economic Geology

Gold bearing veins in the area appear to be narrow and discontinuous. They appear to be associated with the axis of the Fernleigh anticline, close to the contact areas of the metasediments and marbles and closely associated with tension fractures within the competent clastic metasediments. They are associated with paragneisses within brittle-right lateral wrench faults trending northwesterly at 290 to 340 degrees, and are found within silica veins between 0.15 to 0.91 meters in width and up to 23 meters in length. These veins are shear controlled in a 070 degree trend and dip generally steep to 70 degrees south. The gold is associated with carbonate, tourmaline, arsenopyrite and silver. Gold has been found in amounts of up to 330 grams per ton and can be observed as free gold. Minor gold veins are also associated with stratigraphic contacts between the marbles and the paragneisses but are generally only less than a metre in width. This may not be the case in other parts of the

property since many of the quartz bearing veins vary in width from 1 metre to over 4 metres in width and the gold is often associated with the tourmaline mineralization in these veins especially where they are closer to the Fernleigh anticline in contact with the marbles and paragneisses.

Intense ductile deformation within the marbles and paragneisses suggests that intense folding has occurred. Differences in competency between the paragneisses and marbles indicates an area where deformation is enhanced by periods of folding, and ductile shearing.

Amphibolite gneiss units have intruded along areas of shearing, and could act as mediums for hydrothermal precipitation of mineralization. Both the northeasterly trending antiform (north of the Boerth and Webber occurrences) and the volcanic units north of the property, provide structural conditions under which hydrothermal solutions can be present.

Veins and disseminated zinc horizons on the property are located at the contacts between calcitic marbles and metasediments. Zinc becomes thicker in the drag folds. Mineralization associated with the zinc is silver, lead, and copper. It is thought that the zinc has been introduced into the carbonate depositional environment by volcanogenic exhalative activity (Deslisle, 1989).

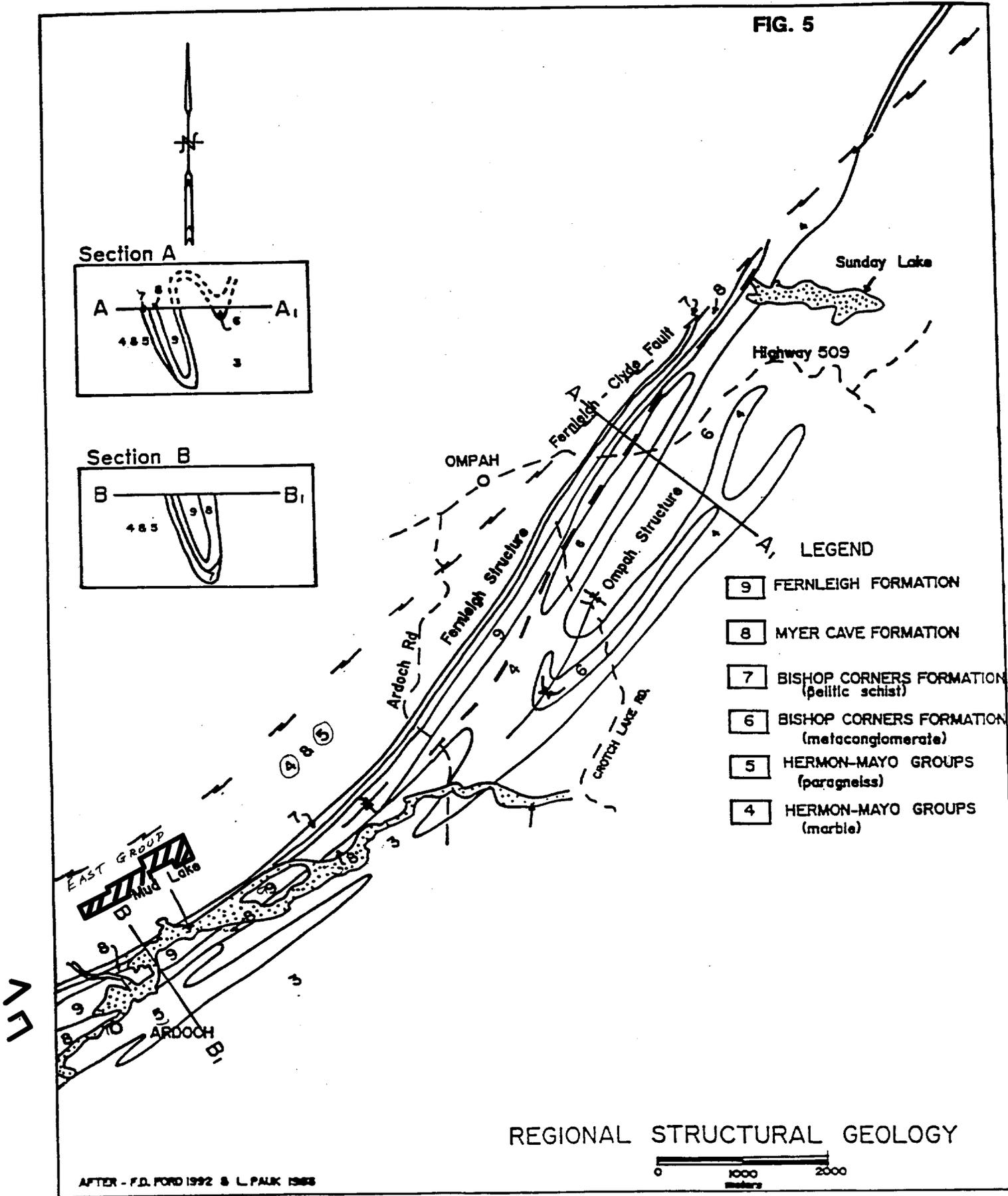
At the Boerth Mine gold values are associated within a shear zone between marble and paragneiss units which traverse from Swamp Creek in the west to Mud Lake in the east, at a N070E direction. It appears that gold bearing quartz veins occur within paragneiss units which have been introduced along brittle strike-slip faulting along a 110 degree direction (discordant to the regional trend), and spatially related to the Flinton Group unconformity. The gold-bearing veins mined are crosscutting the paragneiss foliation @ 45 to 60 degrees (dipping southwest); and lie within tension fractures. The quartz veins are truncated at depth by calcitic marbles (OFR 5528, 1985). In 1980, Pauk and Carter sampled the veins with values ranging from 8.8 g/t Au to 66.6 g/t Au and averaging 30.9 g./ton (see samples 80TRC-154 to 163 inclusive).

The Webber showing (L 1+00E- 1+00N), occurring on the south portion of claim 1191458, appears to be a continuation of the Boerth occurrence. This showing coincides with a 0.3 meter wide quartz vein trending in a N65E direction and dipping vertical to steeply north. This vein has been traced for some 600 meters. Some 500 meters west of the Webber Pit, assays of 330.5 g./t.Au and 10.5 g./t.Ag were obtained (Hill, 1986). At the Webber Pit, values as high as 36.4 g.t.Au over 0.49 m. have been observed (Firth, 1954). The vein is within paragneiss at contact with dolomitic marble (trending N65E / vertical) and contains disseminated arsenopyrite. Values range from 11.7 to 285.9 g./t Au (Bowen, 1988).

Zinc values are associated with the stratigraphically controlled contact between the marbles and the metasediments. It appears the zinc occurs within marble units at contact with paragneiss units, and magnetics indicates it occurs both concordant to regional trends and discordant at 110 degrees. Along one contact in particular, anomalous zinc values have been traced for over 5600 meters. Zinc values have been found averaging between 3.0% and 25.8 % zinc within massive sulphide zones and up to 10.8% zinc in the disseminated sulphide zones along the powerline corridor (Delisle, 1989.)

Mineralization is characterized by silicification, sulphidization (pyrite, pyrrhotite,

FIG. 5



arsenopyrite), carbonatization, and potassium - sodium metasomatism (Bowen, 1988). Barron (OFR 5528, 1985) states that the Webber, Boerth and James occurrences have been influenced by amphibolite gneiss intrusive units which controlled the hydrothermally precipitated mineralization. Barron indicates that

Carter of the ODM observed that the gold zones were not consistent but that the zinc zones have potential for outlining a large body with significant values. This area can be compared to three other zinc producers from the Grenville area: Montauban Deposit (2,500,000 tons @ 4.5% zinc), Calumet Deposit (2,300,000 tons @ 8.17% zinc), and Balmat-Edwards Deposit (21,000,000 @ 9.0% zinc). The Balmat-Edwards is within a carbonate belt of the Mayo Group, and the Montauban and Calumet are within volcanogenic exhalative carbonates.

Results of the Recent Exploration Program

Eight anomalous zones were delineated by the previous exploration programs . A V.L.F.-Electromagnetic and proton magnetometer surveys indicated geophysical trends in a southwesterly and northwesterly direction. Most of these zones correspond with sulphide-rich and massive sulphide conductors, some measuring up to nine meters in width. Most of these conductors correspond to the contact areas between paragneiss (amphibolite-gneiss clastic metasediments) units and carbonate metasediment (marble) units. These methods were useful in mapping trends in terrains of overburden cover and in the recent geochemical till survey corresponded closely to the till survey results.

Till sampling, prospecting, geological mapping, and limited diamond drilling was run over this property for a period of two years from October 1997 until September 1999. The survey results were used to correlate the extensions of the known zones over areas where overburden masked the underlying bedrock surface. The first phases of the till sampling started in October of 1997 and was completed in the summer of 1999. More than 1078 soil samples and over 284 rock samples were taken and analyzed for a number of elements including zinc and gold content.

Nine new mineralized zones were outlined by these methods with the main proponent of the program being the till geochemistry survey. A list of the samples and analytical results is included in the appendices of this report.

Several gold in soil anomalies from the 1987 program were further investigated and re-sampled. Although most of these appear to be associated with northwest trending discordant systems, most appear to be associated with concordant systems lying along paragneiss-marble contacts. These locations along with the geological significance is shown on the map plans. Copies of these are appended to this report.

Gabbro and amphibolite dikes are associated with most of the mineralized zones, and were probably late-stage intrusives involved with emplacement of the sulphide-rich materials. Some of these gabbros have disseminated pyrite and pyrrhotite mineralization all through the unit..

Conclusions

(A to G)
At least eight significant zinc anomalies and one gold anomaly was outlined by the soil geochemical survey. Another... zones as well as several extensions to the previously known zones were outlined by the most recent program.

The the till sampling program was useful in delineating these zones. Rusty - red 'B' Horizon soil was a good indicator of close proximity to a bedrock source of sulphide-rich or iron-rich material.

The gold values appeared to be generally associated with narrow concordant and discordant quartz vein systems. The discordant systems are usually infilling tension fractures and are short and discontinuous. The southwest trending concordant systems are stratigraphically and shear controlled. Although narrow, they can have significant lengths. The most significant gold-bearing vein system is associated with the Webber Showing and the Boerth Mine (Uncle Sam Shaft) which occur along the same stratigraphic horizon.

The zinc values are associated with the siliceous and brecciated zones of massive sulphide mineralization which can be sub-parallel or en-echelon. These zones lie mainly within marble units in close proximity to the paragneiss units.

The Clyde-Fernleigh Fault, as mapped by Ford in 1992, coincides in strike with the areas of zinc mineralization, and there is a possible association.

In the central section of the claim group, the zones are offset by a northwest trending fault which could be a major structural control for the zinc mineralization (see Bowen/88).

Recommendations

The zinc anomalies can be traced in detail by close-spaced basal till sampling and in particular within the heavier overburden covered areas in the central portion of the claim group. The two northern anomalies (Zone A & B) were delineated this way and should be traced both east and west onto the new claims.

Anomaly A and B appear to be continuous westward along the contact areas of a narrow band of marble where is also considerable mineralization associated with the sheared-rusty south contact of the marbles and the amphibolites.

In areas of heavy overburden, the proton magnetometer can be useful in pinpointing the mineralized zones especially if there is a lot of sulphide content. This method along with detailed, close-interval till sampling should be continued in all portions of the property where mineralization or geophysical anomalies are indicated.

Detailed geological mapping and location of these on a base grid map is essential for follow-up work and especially where diamond drilling is needed to test the better targets. Tight mapping control will be beneficial in tracing the anomalous zones for greater distances within the claim group boundary and to determine if these zones are one in the same or indicative of several en-echelon mineralized bodies. Once drilling has been completed, these targets will tell us if the zones are economic and whether we should continue pursuing the exploration and development of this model for gold and zinc deposition.

Sept. 20, 1999.
Concord, Ontario.


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CLARENDON PROJECT

PROSPECTOR 89 DIAMOND DRILLHOLE LOCATIONS

West Claim Block

<u>DDH Hole</u>	<u>Grid East</u>	<u>Grid North</u>	<u>DDH Azimuth</u>	<u>Dip</u>	<u>Depth</u>
CL97-01	12+16E	8+06N	180°	43°	57.9 m.
CL97-02	12+85E	7+70N	180°	43°	61.25 m.
CL97-03	13+32E	7+41N	180°	43°	72.35 m.
CL97-04	13+38E	8+08N	180°	43°	60.0 m.

North of Swamp River

CL97-05	0+90W	13+65N	180°	45°	<u>51.25 m.</u>
				Total	302.75 m

<u>Drill-Hole No.</u>	<u>Depth (metres)</u>	<u>Started</u>	<u>Finished</u>	<u>Comments</u>
D.H. 97-1	57.9 m.	Dec. 1/97.	Dec. 3/97.	
D.H. 97-2	61.25 m.	Dec. 3/97.	Dec. 5/97.	
D.H. 97-3	72.35 m.	Dec. 5/97.	Dec. 8/97.	
D.H. 97-4	60.0 m.	Dec. 8/97.	Dec. 10/97.	
D.H. 97-5	<u>51.25 m.</u>	Dec. 11/97.	Dec. 15/97.	
Total	<u>302.75 m.</u>			

DIAMOND DRILL PROGRAM

A limited diamond drill program was carried out to test several of the known zinc trends on the property along strike to several surface showings. The cores were initially tested for zinc but a number had potential for gold and silver thus these elements were also run using both multi-element ICP and fire assay methods. The results are in table form in the summary report on the work carried out in the fall of 1997 but excerpts are appended below of those samples that carried better than anomalous values.

<u>AU</u>			<u>Zn</u>			<u>Pb</u>		
<u>Sample # / D.H.</u>	<u>p.p.b.</u>	<u>Oz/t.</u>	<u>Sample # / D.H.</u>	<u>p.p.b.</u>	<u>%</u>	<u>Sample # / D.H.</u>	<u>p.p.m.</u>	<u>%</u>
<u>A101 / 97-3</u>	<u>36</u>	<u>>001</u>	A101 / 97-3	63.4	0.006	A109 / 97-4	42	0.004
A106 / 97-3	19	<001	A106 / 97-3	67.5	0.007	<u>A112 / 97-4</u>	<u>5191</u>	<u>.52 %</u>
<u>A108 / 97-3</u>	<u>19</u>	<u><001</u>	<u>A109 / 97-4</u>	<u>1750</u>	<u>.18 %</u>	110615 / 97-2	67	0.007
110617 / 97-2	15	<001	** <u>A112 / 97-4</u>	<u>>10,000</u>	<u>> 1% **</u>	110651 / 97-2	23	0.002
110618 / 97-2	16	<001	110601 / 97-4	110	.001			
110627 / 97-2	18	<001	110608 / 97-2	160	0.016			
110629 / 97-2	18	<001	110609 / 97-2	81.3	0.008			
110630 / 97-5	20	<001	110615 / 97-2	129	0.013			
<u>110635 / 97-5</u>	<u>27</u>	<u>.001</u>	<u>110630 / 97-5</u>	<u>305</u>	<u>0.03</u>			
110636 / 97-5	17	<001	<u>110631 / 97-5</u>	<u>428</u>	<u>0.041</u>			
			110632 / 97-5	186	0.02			
			110633 / 97-5	145	<0.02			
			<u>110634 / 97-5</u>	<u>248</u>	<u><03</u>			
			110644 / 97-5	101	<01			
			110645 / 97-5	150	0.015			
			110632A / 97-5	189	0.019			

Further to our conversation yesterday, I have checked over a number of the analyses results on the Clarendon Property of Minnissabik Minerals Corp. and can report the following:

Soil (Till) Sampling Results

The Soil (Till) sampling survey carried out over the western portion of the company's property and a limited portion of the eastern group, number well over 1078 samples. Of these done by multi-element ICP analysis indicate that there are several linear trends crossing the property sub-parallel to the geological structures and contacts. The list below highlights a number of the better samples which are included in the report and on maps in the summary work report.

<u>Au</u>			<u>Ni</u>			<u>Cu</u>			<u>Zn</u>			<u>Pb</u>		
<u>Sample #</u>	<u>p.p.b.</u>	<u>oz./t.</u>	<u>Sample #</u>	<u>p.p.m.</u>	<u>%</u>	<u>Sample #</u>	<u>p.p.m.</u>	<u>%</u>	<u>Sample #</u>	<u>p.p.m.</u>	<u>%</u>	<u>#</u>	<u>p.p.m.</u>	<u>%</u>
C-302	127	0.004	C-156	56	0.01	126548	211	0.02	C-1	541	0.05	C-26	76	0.01
C-324	33	0.001	C-324	72	0.01				C-24	520	0.05	C-75	115	0.01
C-484	28	0.001	C-420	59	0.01				C-29	547	0.05	C-104	124	0.01
126549	27	0.001	126519	44	0.01				C-73	713	0.07	C-199	119	>.01
126640	14	<.001	126611	30	<.01				C-77	739	0.07	C-282	214	>.02
126549	24	.001	126641	46	0.01				126876	470	0.05	126611	123	>.01
			126682	121	>.01				126879	939	0.09			
									126857	555	0.06			
									C-197	453	0.05			
									C-199	745	0.08			
									C-224	653	0.07			
									C-225	483	0.05			
									C-226	500	0.05			
									C-227	709	0.07			
									C-228	3440	.34			
									C-261	585	0.06			
									C-266	585	0.06			
									C-273	530	0.05			
									C-283	1280	0.13			
									126729	482	0.05			
									126743	775	0.08			
									C-294	1580	0.16			
									C-295	4390	0.44			
									126519	1260	0.13			
									+ additional samples					

ROCK ANALYSIS RESULTS

The rock analysis results from the sampling of the trenches, outcrops and geological structures returned a wide range of analyses from the lab, but once plotted on the grid plans, indicated linear relationships to the known mineralized zones and geological contacts on the property. Excerpts from the analyses are shown below in five columns- one each for gold (Au), copper (Cu), zinc (Zn), silver (Ag) and lead (Pb). Also note that the better assays (underlined) reflect samples taken from mineralized showings and better bedrock exposures and will require follow-up work to better delineate the mineralization. This work should include stripping, trenching, detailed sampling and diamond drilling to test the lateral and down dip extensions of the zones.

<u>Au</u>			<u>Cu</u>			<u>Zn</u>			<u>Ag</u>		
<u>Sample #</u>	<u>p.p.b.</u>	<u>Oz./ton</u>	<u>Sample #</u>	<u>p.p.m.</u>	<u>%</u>	<u>Sample No.</u>	<u>p.p.m.</u>	<u>%</u>	<u>Sample #</u>	<u>p.p.b.</u>	<u>Oz./t.</u>
58129	13	<.001	17906	183	0.02	17904	212	0.02	58129	13	0.001
126915	13	<.001	<u>58006</u>	<u>261</u>	<u>0.03</u>	17917	244	0.03	17953	18	0.001
126955	11	<.001	58039	157	0.02	58109	126	0.01	17958	15	0.001
<u>58006</u>	<u>1150</u>	<u>0.04</u>	58068	80	0.01	58121	236	0.02	27997	18.5	0.001
17954	18	<.001	<u>17973</u>	<u>340</u>	<u>0.034</u>	<u>58129</u>	<u>10,000</u>	<u>>1%</u>			
17960	13	<.001	17972	116	0.01	126913	187	0.02			
17973	87	0.003				126922	169	0.02			
17977	31	0.001				126932	362	0.04			
<u>120701</u>	<u>4050</u>	<u>0.122</u>				<u>126938</u>	<u>890</u>	<u>0.09</u>			
120703	607	0.02				<u>126936</u>	<u>606</u>	<u>0.061</u>			
120704	917	0.03				<u>126959</u>	<u>690</u>	<u>0.07</u>			
<u>120710</u>	<u>2780</u>	<u>0.09</u>				126961	371	0.04			
120711	750	0.03				126963	386	0.04			
120712	261	.008				126974	337	0.04			
120714	588	0.02				126980	301	0.03			
<u>120719</u>	<u>3120</u>	<u>0.10</u>				126992	348	0.04			
<u>120720</u>	<u>5070</u>	<u>0.15</u>				126994	357	0.04			
						127000	439	0.044			
						58006	340	0.04			
						58019	321	0.03			
						58020	260	0.026			
						58037	274	0.027			
						58042	349	0.04			
						58061	503	0.05			
						58062	365	0.04			
						<u>58081</u>	<u>717</u>	<u>0.07</u>			
						<u>17963</u>	<u>556</u>	<u>0.06</u>			

<u>Pb</u>		
<u>Sample #</u>	<u>p.p.m.</u>	<u>%</u>
58121	47	0.01
<u>58129</u>	<u>1970</u>	<u>0.12</u>
126938	108	0.011
58006	68	0.01
58061	88	0.01
58036	53	<.01
58038	53	<.01
58041	53	<.01



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 019389

Date: 26/01/98

Element. Method. Det.Lim. Units.		Au FA30/1 1 ppb	Zn ICP70 0.5 ppm	Pb ICP70 2 ppm	
	<u>INTEGRAL</u>				
Hole 97-3	A101	7.0-7.5	33	63.4	29
	A102	9.25-10.2	11	16.3	23
	A103	20.25-20.9	4	40.5	<2
	A104	32.1-33.15	16	21.1	25
	A105	63.9-64.3	10	54.0	12
	A106	69.0-69.46	19	67.5	3
	A107	68.1-68.9	6	40.5	2
	A108	71.8-72.25	19	55.4	<2
Hole 97-4	A109	12.55-13.0	3	1750	42
	A110	21-21.5 (N/S)	L.N.R.	L.N.R.	L.N.R.
	A111	23.5-24.5 (N/S)	L.N.R.	L.N.R.	L.N.R.
	A112	36.0-37.2	2	>10000	5190
Hole 97-2	110601		6	110	30
	110602		8	48.0	4
	110603		3	15.3	<2
	110604		4	12.3	2
	110605		4	9.1	<2
	110606		1	85.7	3
	110607		1	23.6	2
	110608	9.6-10.53	3	160	19
	110609	12.75-13.25	6	81.3	<2
	110610	13.5-14.2	3	70.0	4
	110611	14.2-15.0	4	5.0	<2
	110612	18.85-19.85	8	21.6	3
	110613		4	32.0	<2
	110614		5	31.8	7
	110615	24.5-25.5	8	129	67
	110616	25.5-26.0	4	15.7	<2
	110617	26.0-26.5	15	50.2	6
	110618	26.5-27.0	16	26.8	7
	110619		6	59.0	4
	110620		7	74.8	5
110621		8	24.4	<2	
110622	33.5-34.0	5	18.1	3	
110623	34.0-35.0	4	48.8	<2	
110624	35.0-36.0	13	8.3	<2	
110625	37.5-38.0	12	8.9	<2	
110626	41.8-43.0	11	78.9	4	
110627	43.0-44.7	18	60.5	<2	
110628	55.0-56.0	6	61.6	<2	
110629	59.2-60.15	18	90.4	5	
Hole 97-5	110630	3.35-4.3	20	305	4
	110631	9.0-9.9	14	428	<2
	110632	9.9-11.0	19	186	4
	110633	13.9-14.85	12	145	4
	110633B	16.5-17.3			



Work Order: 019389

Date: 26/01/98

Element.		Au	Zn	Pb	
Method.		FA30/1	ICP70	ICP70	
Det.Lim.		1	0.5	2	
Units.		ppb	ppm	ppm	
Hole 97-5	110634	16.5-17.3	10	248	2
	110635	24.75-25.5	27	47.0	<2
	110636	26.1-27.0	17	25.2	<2
	110637	27.0-27.75	6	37.0	<2
	110638	27.75-28.75	10	30.9	<2
	110639	32.4-33.0	4	30.4	<2
	110640	36.8-37.8	3	25.3	<2
	110641	39.8-39.0	7	35.3	3
	110642	39.0-40.0	8	52.9	<2
	110643	40.0-41.0	4	72.8	3
	110644	43.5-44.15	4	101	<2
	110645	45.25-45.65	3	150	<2
	110646	45.65-46.05	4	44.9	<2
	110647	48.9-49.8	4	62.7	3
	110648	49.8-50.7	5	63.0	4
	110649	50.7-51.3	<1	72.3	<2
Hole 97-1	110650	5.5-6.0	5	65.4	7
	110651	9.5-10.4	2	81.6	23
	110652	19.35-20.4	2	89.7	<2
	110653	30.0-31.0	3	24.3	17
	110654	34.4-35.0 (N/S)	L.N.R.	L.N.R.	L.N.R.
	110655	35.0-35.5 (N/S)	L.N.R.	L.N.R.	L.N.R.
	110656	49.1-50.0	1	29.1	<2
	110657	56.0-57.5	3	6.4	<2
97.2 →	110625 A	38.5-38.9	2	4.9	3
97.5 →	110632 A	12.0-13.2	3	189	3
	C181		8	72.7	7
	*Dup A101		36	60.7	30
	*Dup 110601		5	106	28
	*Dup 110613		3	30.0	<2
	*Dup 110625		11	9.7	<2
	*Dup 110637		7	43.5	2
	*Dup 110649		<1	72.4	<2

WEST GRID

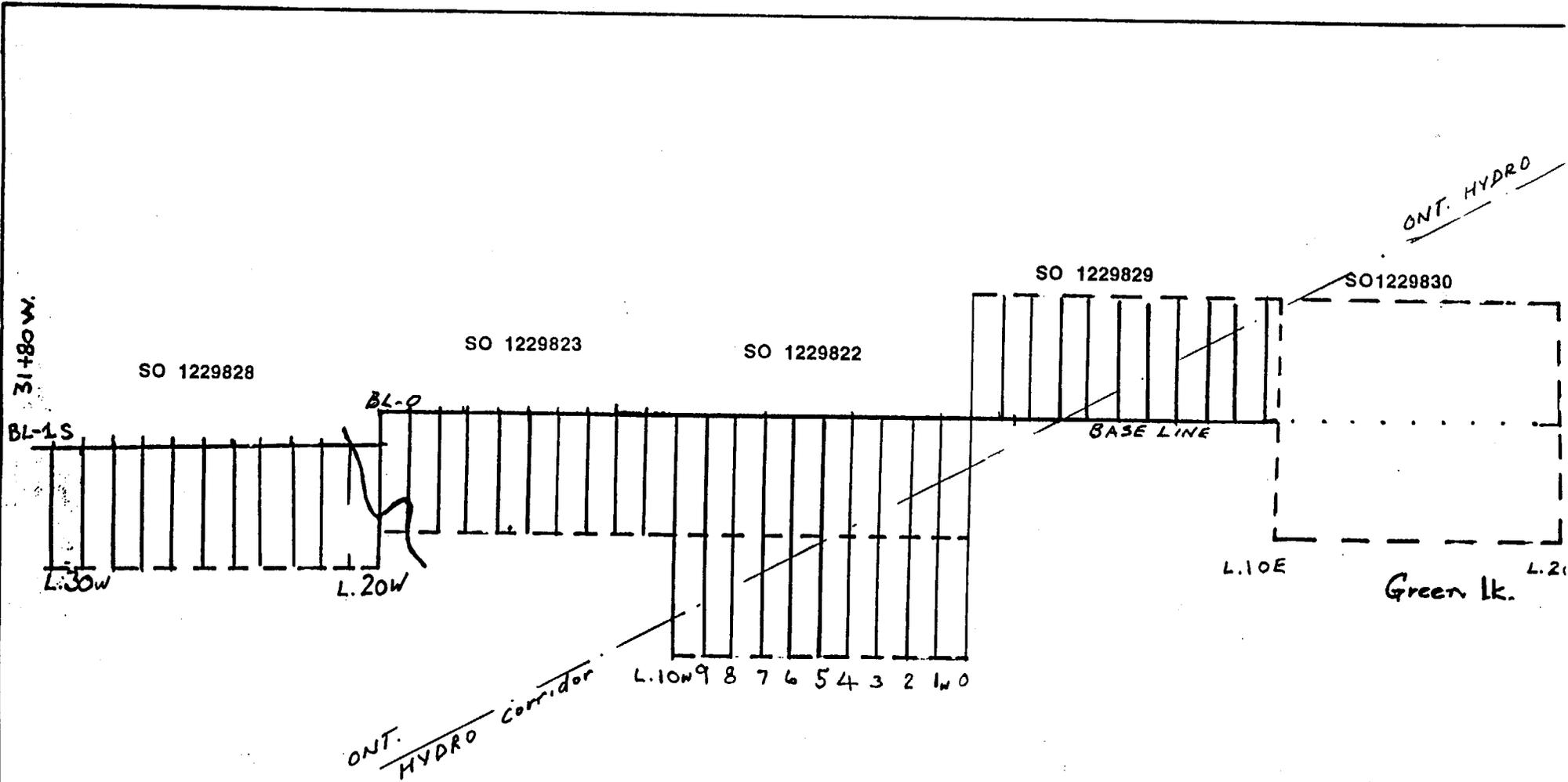
L-19W	BL-0	-	415N	+	12N-20N	=	=	1215
L-18W	BL-0	-	410N	+	12N-20N	=	=	1210
L-17W	BL-0	-	410N	+	12N-20N	=	=	1210
L-16W	BL-0	-	405N	+	12N-20N	=	=	1205
L-15W	020S	-	415N	+	12N-20N	=	=	1235
L-14W	020S	-	411N	+	12N-20N	=	=	1231
L-13W	020S	-	413N	+	12N-17N	=	=	933
L-12W	020S	-	412N	+	12N-1675	=	=	907
L-11W	035S	-	412N	+	12N-17N	=	=	947
L-10W	035S	-	414N	+	12N-17N	=	=	949
L-9W	5S	-	5N	+	1085-1640N	=	=	1555
L-8W	5S	-	475N	+	1136-1700N	=	=	1539
L-7W	5S	-	460N	+	1075-1650N	=	=	1535
L-6W	5S	-	460N	+	1110-1650N	=	=	1500
L-5W	5S	-	455N	+	1100-1650N	=	=	1505
L-4W	5S	-	510N	+	1061-1650N	=	=	1599
L-3W	5S	-	1650N	=		=	=	2150
L-2W	5S	-	1650N	=		=	=	2150
L-1W	5S	-	1650N	=		=	=	2150
L-0	5S	-	1650N	=		=	=	2150
L-1E	5S	-	1650N	=		=	=	2150
L-2E	1S	-	325N	+	6N-1650N	=	=	1475
L-3E	1S	-	325N	+	6N-1510N	=	=	1335
L-4E	1S	-	325N	+	6N-1450N	=	=	1275
L-5E	1S	-	325N	+	6N-1365N	=	=	1190
L-6E	1S	-	325N	+	6N-13N	=	=	1125
L-7E	1S	-	325N	+	6N-1135N	=	=	960
L-8E	1S	-	325N	+	7N-1075N	=	=	800
L-9E	1S	-	325N	+	7N-10N	=	=	725
L-10E	1S	-	325N	+	7N-950N	=	=	675
L-11E	1S	-	325N	+	7N-875N	=	=	600
L-12E	1S	-	325N	+	7N-780N	=	=	505
L-13E	1S	-	325N	+	7N-731N	=	=	456
L-14E	1S	-	325N	=		=	=	425

WEST GRID

SUBTOTAL LINES = 42,571

L O	1450 E - 1930 W	=	3380
-5S	1 E - 325 W	=	425
-1N	2 E - 1351 E	=	1151
-13N	6 E - 19 W	=	2500

TOTAL 50,027 m.



**MINNISSABIK MINERAL CORP.
Clarendon Twp. Property**

LOCATION PLAN - (EAST GRID)

EAST GRID

0-400N - 809 S =	=	1209
1-1E BL-0 - 4N =	=	400
2-2E BL-0 - 4N =	=	400
3-3E BL-0 - 4N =	=	400
4-4E BL-0 - 4N =	=	400
5-5E BL-0 - 4N =	=	400
6-6E BL-0 - 4N =	=	400
7-7E BL-0 - 4N =	=	400
8-8E BL-0 - 4N =	=	400
9-9E BL-0 - 4N =	=	400
10-10E BL-0 - 4N =	=	400
		<hr/>
		5,209 m.

SUBTOTAL LINES = 21,882

0 2025 W - 1025 E =	=	3050
15 2000 W - 3180 W =	=	1180
		<hr/>

TOTAL 26,112 m.

Both Grids
Total = 76,139 m.

EAST GRID

-31W BL-1S	-	525 S	=	=	425
30W	1S	-	500 S	=	400
-29W	1S	-	505 S	=	405
28W	1S	-	525 S	=	425
-27W	1S	-	525 S	=	425
26W	1S	-	525 S	=	425
-25W	1S	-	525 S	=	425
24W	1S	-	525 S	=	425
-23W	1S	-	513 S	=	413
22W	1S	-	506 S	=	406
-21W	1S	-	500 S	=	400
20W	BL-0	-	436 S	=	436
-19W	BL-0	-	300 S	=	300
18W	BL-0	-	430 S	=	430
-17W	BL-0	-	450 S	=	450
16W	BL-0	-	400 S	=	400
-15W	BL-0	-	430 S	=	430
14W	BL-0	-	425 S	=	425
-13W	BL-0	-	400 S	=	400
12W	BL-0	-	400 S	=	400
-11W	BL-0	-	400 S	=	400
10W	BL-0	-	800 S	=	800
-9W	BL-0	-	800 S	=	800
8W	BL-0	-	800 S	=	800
-7W	BL-0	-	800 S	=	800
6W	BL-0	-	800 S	=	800
-5W	BL-0	-	800 S	=	800
4W	BL-0	-	805 S	=	805
-3W	BL-0	-	807 S	=	807
2W	BL-0	-	808 S	=	808
1-1W	BL-0	-	808 S	=	808

16,673 m.

<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Values (in p.p.m., Au in p.p.b.)</u>						
			Pb	Zn	Ag	Au	Cu	As	Mo
C 001	L4E @13+00N	Soil	44	541					
C 002	L4E @13+25N	Soil							
C 003	L4E @13+50N	Soil							
C 004	L4E @13+75N	Soil							
C 005	L4E @14+00N	Soil		201					
C 006	L4E @14+25N	Soil							
C 007	L4E @14+50N	Soil		241			50.2		
C 008	L4E @14+75N	Soil							
C 009	L4E @15+00N	Soil							
C 010	L4E @15+25N	Soil					5.5		
C 011	L4E @15+50N	Soil							
C 012	L4E @15+75N	Soil							
C 013	L3E @15+50N	Soil		252					
C 014	L3E @15+25N	Soil							
C 015	L3E @15+00N	Soil							
C 016	L3E @14+75N	Soil							
C 017	L3E @14+50N	Soil							
C 018	L3E @14+25N	Soil							
C 019	L3E @14+00N	Soil							
C 020	L3E @13+75N	Soil							
C 021	L3E @13+50N	Soil	65	164					189
C 022	L3E @13+25N	Soil	34	197					65
C 023	L3E @13+00N	Soil							
C 024	L3E @12+75N	Soil	34	520					295
C 025	L3E @12+50N	Soil	77	367					79
C 026	L2E @12+75N	Soil	76	283	1.5		62		99
C 027	L2E @13+00N	Soil		178					152
C 028	L2E @13+25N	Soil		214					
C 029	L2E @13+50N	Soil	35	547					
C 030	L2E @13+75N	Soil		119					
C 031	L2E @14+00N	Soil		178					134
C 032	L2E @14+25N	Soil	44	191					60
C 033	L2E @14+50N	Soil							
C 034	L2E @14+75N	Soil							
C 035	L2E @15+00N	Soil		159					
C 036	L2E @15+25N	Soil							

Sample No.	Location	Type	Values (in p.p.m.,Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C037	L2E @15+50N	Soil							
C038	L1E @15+50N	Soil							
C039	L1E @15+25N	Soil							
C040	L1E @15+00N	Soil							
C041	L1E @14+75N	Soil							
C042	L1E @14+50N	Soil	38	258					
C043	L1E @14+25N	Soil							
C044	L1E @14+00N	Soil					122	112	
C045	L1E @13+75N	Soil							
C046	L1E @13+50N	Soil	25	180					
C047	L1E @13+25N	Soil		235					
C048	L1E @13+00N	Soil		134			53.2		
C049	L1E @12+75N	Soil		171				119	
C050	L0+00 @12+50N	Soil							
C051	L0+00 @12+75N	Soil	31	184					
C052	L0+00 @13+00N	Soil							
C053	L0+00 @13+25N	Soil		163					
C054	L0+00 @13+50N	Soil							
C055	L0+00 @13+75N	Soil							
C056	L0+00 @14+00N	Soil		187				156	
C057	L0+00 @14+25N	Soil							
C058	L0+00 @14+50N	Soil							
C059	L0+00 @14+75N	Soil							
C060	L0+00 @15+00N	Soil							
C061	L0+00 @15+25N	Soil							
C062	L1W @15+25N	Soil							
C063	L1W @15+00N	Soil		187					
C064	L1W @14+75N	Soil							
C065	L1W @14+50N	Soil							
C066	L1W @14+25N	Soil							
C067	L1W @14+00N	Soil							
C068	L1W @13+75N	Soil							
C069	L1W @13+50N	Soil	44	411				49	
C070	L1W @13+25N	Soil		219				68	
C071	L1W @13+00N	Soil		170					
C072	L1W @12+75N	Soil		228					

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C073	L1W @12+50N	Soil	31	713			62.8	110	
C074	L2W @11+75N	Soil						364	
C075	L2W @12+00N	Soil	115	161					
C076	L2W @12+25N	Soil	69	548				124	
C077	L2W @12+50N	Soil	80	739	2.8		52.7	57	
C078	L2W @12+75N	Soil							
C079	L2W @13+00N	Soil		298					
C080	L2W @13+25N	Soil		232					
C081	L2W @13+50N	Soil		168				76	
C082	L2W @13+75N	Soil		130					
C083	L2W @14+00N	Soil						185	
C084	L2W @14+25N	Soil		264		8	60.6		
C085	L2W @14+50N	Soil					70.8		
C086	L2W @14+75N	Soil							
C087	L2W @15+00N	Soil							
C088	L2W @15+25N	Soil							
C089	L3W @15+25N	Soil					51.2		
C090	L3W @15+00N	Soil							
C091	L3W @14+75N	Soil							
C092	L3W @14+50N	Soil							
C093	L3W @14+25N	Soil							
C094	L3W @14+00N	Soil							
C095	L3W @13+75N	Soil					47.0		
C096	L3W @13+50N	Soil							
C097	L3W @13+25N	Soil		199					
C098	L3W @13+00N	Soil							
C099	L3W @12+75N	Soil	33	397					
C100	L3W @12+50N	Soil							
C101	L3W @12+25N	Soil						173	
C102	L3W @12+00N	Soil	86	349				81	4
C103	L3W @11+75N	Soil							
C104	L3W @11+50N	Soil	124	297				243	
C105	L4W @11+25N	Soil				9	60.2	355	
C106	L4W @11+50N	Soil	61		1.4				
C107	L4W @11+75N	Soil	49	264					5
C108	L4W @12+00N	Soil		149					

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C109	L4W @12+25N	Soil	30			10	50.3	218	
C110	L4W @12+50N	Soil		147					
C111	L4W @12+75N	Soil							
C112	L4W @13+00N	Soil							
C113	L4W @13+25N	Soil						64	
C114	L4W @13+50N	Soil		148			50.6		
C115	L4W @13+75N	Soil					55.1		
C116	L4W @14+00N	Soil		169			55.6		
C117	L4W @14+25N	Soil							
C118	L4W @14+50N	Soil							
C119	L4W @14+75N	Soil							
C120	L4W @15+00N	Soil		159					
C121	L4W @15+20N	Soil		216					
C122	L5W @15+00N	Soil	43	229					
C123	L5W @14+75N	Soil	33				56.5		
C124	L5W @14+50N	Soil							
C125	L5W @14+25N	Soil							
C126	L5W @14+00N	Soil							
C127	L5W @13+75N	Soil				8			
C128	L5W @13+50N	Soil		146					
C129	L5W @13+25N	Soil		195					
C130	L5W @13+00N	Soil		170					
C131	L5W @12+75N	Soil		133					
C132	L5W @12+50N	Soil	30	247				42	
C133	L5W @12+25N	Soil						54	
C134	L5W @12+00N	Soil						33	
C135	L5W @11+75N	Soil	50	404				48	
C136	L5W @11+50N	Soil		171			45.2		
C137	L5W @11+25N	Soil	37	141					
C138	L6W @11+50N	Soil	39	411			55.4		
C139	L6W @11+75N	Soil							
C140	L6W @12+00N	Soil		262					
C141	L6W @12+25N	Soil	49	241					
C142	L6W @12+50N	Soil		259					
C143	L6W @12+75N	Soil							
C144	L6W @13+00N	Soil							

<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Values (in p.p.m., Au in p.p.b.)</u>						
			Pb	Zn	Ag	Au	Cu	As	Mo
C181	L14E @0+25	Soil							
C182	L14E @BL+00	Soil							
C183	L14E @0+25S	Soil							
C184	L14E @0+50S	Soil							
C185	L14E @0+75S	Soil							
C186	L14E @1+00S	Soil							
C187	L13E @1+00S	Soil							
C188	L13E @0+75S	Soil							
C189	L13E @0+50S	Soil							
C190	L13E @0+25S	Soil							
C191	L13E @BL+00	Soil							
C192	L13E @0+25N	Soil							
C193	L13E @0+50N	Soil							
C194	L13E @0+75N	Soil							
C195	L13E @1+00N	Soil		201					
C196	L13E @1+25N	Soil		150					
C197	L13E @1+50N	Soil	44	453					
C198	L13E @1+75N	Soil		141					
C199	L13E @2+00N	Soil	119	745				175	
C200	L13E @2+25N	Soil							
C201	L13E @2+50N	Soil							
C202	L13E @2+75N	Soil							
C203	L13E @3+00N	Soil							
C204	L13E @3+25N	Soil						173	
C205	L12E @3+35N	Soil		302					
C206	L12E @3+00N	Soil							
C207	L12E @2+75N	Soil		198					
C208	L12E @2+50N	Soil	33	308					5
C209	L12E @2+25N	Soil							
C210	L12E @2+00N	Soil							
C211	L12E @1+75N	Soil	36	158					
C212	L12E @1+50N	Soil							
C213	L12E @1+25N	Soil		239		9			
C214	L12E @1+00N	Soil				7			
C215	L12E @0+75N	Soil		181					
C216	L12E @0+50N	Soil							

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)							
			Pb	Zn	Ag	Au	Cu	As	Mo	
C217	L12E @ 0+25N	Soil								
C218	L12E @ BL+00	Soil								
C219	L12E @ 0+25S	Soil								
C220	L12E @ 0+50S	Soil								
C221	L12E @ 0+75S	Soil								
C222	L12E @ 1+00S	Soil								
C223	L11E @ 1+00S	Soil		265			152		75	
C224	L11E @ 0+25S	Soil		653						
C225	L11E @ BL+00	Soil		483						
C226	L11E @ 0+25N	Soil	33	458						
C227	L11E @ 0+50N	Soil		500						
C228	L11E @ 0+75N	Soil		709						
C229	L11E @ 1+00N	Soil		283						
C230	L11E @ 2+00N	Soil								
C231	L11E @ 2+25N	Soil	38							
C232	L11E @ 2+50N	Soil								
C233	L11E @ 2+75N	Soil								
C234	L10E @ 3+00N	Soil							104	
C235	L10E @ 2+75N	Soil	38	186						
C236	L10E @ 2+50N	Soil								
C237	L10E @ 2+25N	Soil								
C238	L10E @ 2+00N	Soil					53.8			
C239	L10E @ 1+75N	Soil								
C240	L10E @ 1+50N	Soil								
C241	L10E @ BL+00	Soil	31	202					245	
C242	L10E @ 1+00S	Soil		377						
C243	L 9E @ 1+00S	Soil								
C244	L 9E @ 0+75S	Soil		154					120	
C245	L 9E @ 0+50S	Soil	55	242	0.9				95	
C246	L 9E @ 1+25N	Soil								
C247	L 9E @ 1+50N	Soil								
C248	L 9E @ 1+75N	Soil								
C249	L 9E @ 2+00N	Soil					56			
C250	L 9E @ 2+25N	Soil								
C251	L 9E @ 2+50N	Soil	70	260					81	
C252	L 9E @ 2+75N	Soil	38		1.5		56.6		507	

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)							
			Pb	Zn	Ag	Au	Cu	As	Mo	
C289	L6E @ 0+50N	Soil								
C290	L6E @ 0+25N	Soil	70	300						
C291	L6E @ BL+00	Soil								
C292	L6E @ 0+25S	Soil								
C293	L6E @ 0+50S	Soil		282						
C294	L6E @ 0+75S	Soil	60	1580	0.8					
C295	L6E @ 1+00S	Soil		4390		10				
C296	L5E @ 1+00S	Soil		215						
C297	L5E @ 0+75S	Soil		155					58	
C298	L5E @ 0+50S	Soil		218						73
C299	L5E @ 0+25S	Soil	32	208						374
C300	L5E @ BL+00	Soil	60	1420						
C301	L5E @ 0+25N	Soil	32	735	1.4					117
C302	L5E @ 0+50N	Soil	48	476		127				73
C303	L5E @ 0+75N	Soil					90.9			103
C304	L5E @ 1+00N	Soil		196						87
C305	L5E @ 1+25N	Soil	55	220				64.9		132
C306	L5E @ 1+50N	Soil						46.9		133
C307	L5E @ 1+75N	Soil		144						
C308	L5E @ 2+00N	Soil						53.1		159
C309	L4E @ 1+00N	Soil								
C310	L4E @ 0+75N	Soil								
C311	L4E @ 0+50N	Soil								
C312	L4E @ 0+25N	Soil								
C313	L4E @ BL +00	Soil								
C314	L4E @ 0+25S	Soil								
C315	L4E @ 0+50S	Soil		214						41
C316	L4E @ 0+75S	Soil								
C317	L4E @ 1+00S	Soil		197						
C318	L3E @ 1+00S	Soil		331						
C319	L3E @ 0+75S	Soil								49
C320	L3E @ 0+50S	Soil		255				47.9		
C321	L2E @ 1+00S	Soil								
C322	L2E @ 0+75S	Soil								
C323	L2E @ 0+50S	Soil		220						100
C324	L2E @ 0+25S	Soil	35	274		33		64.6		

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C325	L2E @ BL+00	Soil				14		52	
C326	L2E @ 0+25N	Soil							
C327	L2E @ 0+75N	Soil							
C328	L2E @ 1+00N	Soil							
C329	L2E @ 1+25N	Soil							
C330	L2E @ 1+50N	Soil	30	380				135	
C331	L2E @ 1+75N	Soil	33	499				68	
C332	L2E @ 2+00N	Soil	22	339					
C333	L2E @ 2+25N	Soil						73	
C334	L2E @ 2+50N	Soil							
C335	L2E @ 2+75N	Soil							
C336	L2E @ 3+00N	Soil							
C337	L2E @ 3+25N	Soil							
C338	L1E @ 5+00S	Soil							
C339	L1E @ 4+75S	Soil	37	162					
C340	L1E @ 4+50S	Soil	46	176					
C341	L1E @ 4+25S	Soil							5
C342	L1E @ 4+00S	Soil		149					4
C343	L1E @ 3+75S	Soil						42	12
C344	L1E @ 3+50S	Soil							
C345	L1E @ 3+25S	Soil							
C346	L1E @ 3+00S	Soil				12			
C347	L1E @ 2+75S	Soil							
C348	L1E @ 2+50S	Soil						45	
C349	L1E @ 2+25S	Soil						67	
C350	L1E @ 1+50S	Soil						76	
C351	L1E @ 1+25S	Soil							
C352	L1E @ 1+00S	Soil							
C353	L1E @ 0+75S	Soil						54	
C354	L1E @ 0+50S	Soil							
C355	L1E @ 0+25S	Soil							
C356	L1E @ BL 0+00	Soil						232	
C357	L1E @ 0+25N	Soil		158		10		881	
C358	L1E @ 0+50N	Soil	36	306				206	
C359	L1E @ 0+75N	Soil				12			
C360	L1E @ 1+00N	Soil		141				228	

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)							
			Pb	Zn	Ag	Au	Cu	As	Mo	
C361	L1E @ 1+25N	Soil		352					203	
C362	L1E @ 1+50N	Soil	32	265					289	
C363	L1E @ 1+75N	Soil								
C364	L1E @ 2+00N	Soil								
C365	L1E @ 2+25N	Soil								
C366	L1E @ 2+50N	Soil								
C367	L1E @ 2+75N	Soil								
C368	L1E @ 3+00N	Soil								
C369	L1E @ 3+25N	Soil								
C370	L1E @ 3+50N	Soil								
C371	L1E @ 4+50N	Soil								
C372	L1E @ 4+75N	Soil	36	216					132	
C373	L1E @ 5+00N	Soil								
C374	L1E @ 5+25N	Soil								
C375	L1E @ 6+00N	Soil								
C376	L1E @ 6+25N	Soil								
C377	L1E @ 6+75N	Soil								
C378	L1E @ 7+00N	Soil								
C379	L1E @ 7+25N	Soil								
C380	L1E @ 7+50N	Soil								
C381	L1E @ 7+75N	Soil		151						
C382	L1E @ 8+00N	Soil							49	
C383	L1E @ 8+25N	Soil		157						
C384	L1E @ 8+50N	Soil		157						
C385	L1E @ 8+75N	Soil								
C386	L1E @ 9+00N	Soil								
C387	L1E @ 9+25N	Soil								
C388	L1E @ 9+50N	Soil							49	
C389	L1E @ 10+25N	Soil		182		12				7
C390	L1E @ 10+50N	Soil								
C391	L 0 @ 10+75N	Soil							40	
C392	L 0 @ 10+50N	Soil	31						62	
C393	L 0 @ 10+25N	Soil								
C394	L 0 @ 10+00N	Soil						75.9		
C395	L 0 @ 9+75 N	Soil								
C396	L 0 @ 9+50 N	Soil						49.9		

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C397	L 0+00 @ 9+25N	Soil							
C398	L 0+00 @ 9+00N	Soil							
C399	L 0+00 @ 8+75N	Soil							
C400	L 0+00 @ 8+50N	Soil				17		50	
C401	L 0+00 @ 8+25N	Soil							
C402	L 0+00 @ 8+00N	Soil							
C403	L 0+00 @ 7+75N	Soil							
C404	L 0+00 @ 7+50N	Soil		151					
C405	L 0+00 @ 7+25N	Soil							
C406	L 0+00 @ 6+75N	Soil							
C407	L 0+00 @ 6+50N	Soil							
C408	L 0+00 @ 6+25N	Soil							
C409	L 0+00 @ 6+00N	Soil		147		8			
C410	L 0+00 @ 5+75N	Soil							
C411	L 0+00 @ 5+50N	Soil							
C412	L 0+00 @ 5+25N	Soil						95	
C413	L 0+00 @ 5+00N	Soil					52.3		
C414	L 0+00 @ 4+00N	Soil							
C415	L 0+00 @ 3+75N	Soil							
C416	L 0+00 @ 3+50N	Soil							
C417	L 0+00 @ 3+25N	Soil							
C418	L 0+00 @ 3+00N	Soil							
C419	L 0+00 @ 2+75N	Soil							
C420	L 0+00 @ 2+50N	Soil					67.7		
C421	L 0+00 @ 2+25N	Soil		217					
C422	L 0+00 @ 2+00N	Soil		253					
C423	L 0+00 @ 1+75N	Soil		153					
C424	L 0+00 @ 1+50N	Soil							
C425	L 0+00 @ 1+25N	Soil							
C426	L 0+00 @ 1+00N	Soil					48.2		
C427	L 0+00 @ 0+75N	Soil							
C428	L 0+00 @ 0+50N	Soil						52	
C429	L 0+00 @ 0+25N	Soil	28	168					185
C430	L 0+00 @ BL+00	Soil							
C431	L1W @ 0+50N	Soil							
C432	L1W @ 0+75N	Soil							121

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)							
			Pb	Zn	Ag	Au	Cu	As	Mo	
C505 (511)	L2W @ 1+00N	Soil								
C506	L2W @ 1+25N	Soil								
C507	L2W @ 1+50N	Soil								
C508	L2W @ 1+75N	Soil								
C509	L2W @ 2+00N	Soil		234						
C510	L2W @ 2+25N	Soil								
C511 (517)	L2W @ 2+50N	Soil				11				
C512	L2W @ 2+75N	Soil								
C513	L2W @ 3+00N	Soil		1260			81.7		127	
C514 (520)	L2W @ 3+25N	Soil		339					95	
C515	L2W @ 3+50N	Soil				10				
C516	L2W @ 3+75N	Soil								
C517	L2W @ 4+00N	Soil								
C518	L2W @ 4+25N	Soil								
C519	L2W @ 5+25N	Soil								
C520	L2W @ 5+50N	Soil					68.5			
C521	L2W @ 5+75N	Soil	29	186					64	
C522	L2W @ 6+00N	Soil		215						
C523	L2W @ 6+25N	Soil		210			92.9			
C524	L2W @ 6+50N	Soil								
C525	L2W @ 6+75N	Soil								
C526	L2W @ 7+00N	Soil								
C527	L2W @ 7+25N	Soil								
C528	L2W @ 7+50N	Soil								
C529	L2W @ 7+75N	Soil								
C530	L2W @ 8+00N	Soil								
C531	L2W @ 8+25N	Soil								
C532	L2W @ 8+50N	Soil					51.3			
C533	L2W @ 8+75N	Soil					66.7			
C534 (540)	L2W @ 9+00N	Soil								
C535	L2W @ 9+25N	Soil								
C536	L2W @ 9+50N	Soil							80	
C537	L2W @ 9+75N	Soil							63	
C538	L2W @ 10+00N	Soil								
C539	L2W @ 10+25N	Soil								
C540	L4W @ 4+50N	Soil		167					204	

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C541	L4W @ 4+25N	Soil	21	437				130	
C542	L4W @ 4+00N	Soil		243		9	211	161	
C543	L4W @ 3+75N	Soil		247		27		235	
C544 (550)	L4W @ 3+50N	Soil		370		10	83.4	231	
C545	L4W @ 3+25N	Soil						269	
C546	L4W @ 3+00N	Soil							
C547	L4W @ 2+75N	Soil							
C548	L4W @ 2+50N	Soil							
C549	L4W @ 2+25N	Soil							
C550	L4W @ 2+00N	Soil							
C551	L4W @ 1+75N	Soil							
C552	L4W @ 1+50N	Soil							
C553	L4W @ 1+25N	Soil							
C554	L4W @ 1+00N	Soil							
C555	L4W @ 0+75N	Soil							
C556	L4W @ 0+50N	Soil						62	
C557	L4W @ 0+25N	Soil							
C558	L4W @ BL+00	Soil							
C559	L4W @ 0+25S	Soil						215	
C560	L4W @ 0+50S	Soil		161			99.6	142	
C561	L4W @ 0+75S	Soil		135		18		263	
C562	L5W @ 1+00S	Soil						490	
C563	L5W @ 0+75S	Soil		522				54	
C564 (570)	L5W @ 0+50S	Soil							
C565	L5W @ 0+25S	Soil						43	
C566	L5W @ BL+00	Soil		227					
C567	L5W @ 0+25N	Soil							
C568	L5W @ 0+50N	Soil							
C569	L5W @ 0+75N	Soil							
C570	L5W @ 1+00N	Soil		156		11			
C571	L5W @ 1+25N	Soil							
C572	L5W @ 1+50N	Soil						57	
C573	L5W @ 1+75N	Soil		170		10		54	
C574 (580)	L5W @ 2+00N	Soil							
C575	L5W @ 2+25N	Soil							
C576	L5W @ 2+50N	Soil							

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C577	L5W @ 2+75N	Soil							
C578	L5W @ 3+00N	Soil							
C579	L5W @ 3+25N	Soil							
C580	L5W @ 3+50N	Soil						64	
C581	L5W @ 3+75N	Soil		193					
C582	L5W @ 4+00N	Soil						65	
C583	L5W @ 4+25N	Soil							
C584 (590)	L5W @ 4+50N	Soil							
C585	L6W @ 4+50N	Soil							
C586	L6W @ 4+25N	Soil							
C587	L6W @ 4+00N	Soil		271					138
C588	L6W @ 3+75N	Soil		138		8			218
C589	L6W @ 3+50N	Soil		168		8			331
C590	L6W @ 3+00N	Soil		249					
C591	L6W @ 2+75N	Soil							
C592	L6W @ 2+50N	Soil							
C593	L6W @ 2+25N	Soil							
C594	L6W @ 2+00N	Soil		158					
C595 (601)	L6W @ 1+75N	Soil							
C596	L6W @ 1+50N	Soil							
C597	L6W @ 1+00N	Soil							
C598	L6W @ 0+75N	Soil		121					
C599	L6W @ 0+50N	Soil		163					144
C600	L6W @ 0+25N	Soil							146
C601	L6W @ BL+00	Soil		400	1.1				
C602	L6W @ 0+25S	Soil							
C603	L6W @ 0+50S	Soil							
C604 (610)	L6W @ 0+75S	Soil					53.6		346
C605	L6W @ 1+00S	Soil	123	329					524
C606	L6W @ 1+25S	Soil							51
C607	L7W @ 0+75S	Soil		133					
C608	L7W @ 0+50S	Soil							
C609	L7W @ 0+25S	Soil		187					58
C610	L7W @ BL+00	Soil							
C611	L7W @ 0+25N	Soil							48
C612	L7W @ 0+50N	Soil		195					

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C649	L19W @ 0+50N	Soil							
C650	L19W @ 1+00N	Soil							
C651	L19W @ 1+25N	Soil							
C652	L19W @ 1+50N	Soil							
C653	L19W @ 1+75N	Soil							
C654 (660)	L19W @ 2+00N	Soil							
C655	L19W @ 2+25N	Soil							
C656	L19W @ 2+50N	Soil							
C657	L19W @ 2+75N	Soil							
C658	L19W @ 3+00N	Soil							
C659	L19W @ 3+25N	Soil							
C660	L19W @ 3+50N	Soil							
C661	L19W @ 3+75N	Soil							
C662	L19W @ 4+00N	Soil							
C663	L18W @ 4+00N	Soil							
C664 (670)	L18W @ 3+75N	Soil							
C665	L18W @ 3+50N	Soil		185					
C666	L18W @ 3+25N	Soil							
C667	L18W @ 3+00N	Soil							
C668	L18W @ 2+75N	Soil							
C669	L18W @ 2+50N	Soil							
C670	L18W @ 2+25N	Soil							
C671	L18W @ 1+50N	Soil							
C672	L18W @ 1+25N	Soil							
C673	L18W @ 1+00N	Soil							
C674 (680)	L18W @ 0+75N	Soil							
C675	L18W @ 0+50N	Soil							
C676	L18W @ 0+25N	Soil							
C677	L18W @ BL+00	Soil							
C678	L17W @ BL+00	Soil							
C679	L17W @ 0+25N	Soil							
C680	L17W @ 0+50N	Soil	32	202					
C681	L17W @ 0+75N	Soil							
C682	L17W @ 1+00N	Soil							
C683	L17W @ 1+25N	Soil							
C684 (690)	L17W @ 1+50N	Soil							

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C685	L17W @ 1+75N	Soil							
C686	L17W @ 2+25N	Soil							
C687	L17W @ 2+50N	Soil							
C688	L17W @ 2+75N	Soil							
C689	L17W @ 3+00N	Soil							
C690	L17W @ 3+25N	Soil							
C691	L17W @ 4+00N	Soil					10		
C692	L16W @ 3+75N	Soil							
C693	L16W @ 3+50N	Soil							
C694 (700)	L16W @ 3+25N	Soil							
C695	L16W @ 3+00N	Soil							
C696	L16W @ 2+75N	Soil					11		
C697	L16W @ 1+25N	Soil							
C698	L16W @ 1+00N	Soil							
C699	L16W @ 0+75N	Soil	56	308					
C700	L16W @ 0+50N	Soil	35	220					
C701	L16W @ 0+25N	Soil		152					
C702	L16W @ BL+00	Soil							
C703	L15W @ BL+00	Soil							
C704 (710)	L15W @ 0+25N	Soil							
C705	L15W @ 0+50N	Soil		189					
C706	L15W @ 2+25N	Soil							
C707	L15W @ 2+50N	Soil							
C708	L15W @ 2+75N	Soil							
C709	L15W @ 3+00N	Soil							
C710	L15W @ 3+25N	Soil							
C711	L15W @ 3+50N	Soil							
C712	L15W @ 3+75N	Soil							
C713	L14W @ 4+00N	Soil							
C714 (720)	L14W @ 3+75N	Soil							
C715	L14W @ 3+50N	Soil							
C716	L14W @ 3+25N	Soil							
C717	L14W @ 3+00N	Soil							
C718	L14W @ 2+75N	Soil							
C719	L14W @ 2+50N	Soil							
C720	L14W @ 2+25N	Soil							

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C757 (763)	L11W @ 1+75N	Soil							
C758	L11W @ 2+00N	Soil							
C759	L11W @ 2+25N	Soil							
C760	L11W @ 3+00N	Soil							
C761	L11W @ 3+25N	Soil							
C762	L11W @ 3+75N	Soil							
C763	L10W @ 3+75N	Soil							
C764 (770)	L10W @ 3+50N	Soil						34	
C765	L10W @ 3+25N	Soil							
C766	L10W @ 3+00N	Soil							
C767	L10W @ 2+50N	Soil							
C768	L10W @ 2+25N	Soil							
C769	L10W @ 2+00N	Soil							
C770	L10W @ 1+75N	Soil		197	1.4				
C771	L10W @ 1+50N	Soil							
C772	L10W @ 1+25N	Soil		205		9	44.4		
C773	L10W @ 0+75N	Soil							
C774 (780)	L10W @ 0+50N	Soil							
C775	L10W @ 0+25N	Soil							
C776	L10W @ BL+00	Soil							
C777	L10W @ 0+25S	Soil		253				57	
C778	L10W @ 2+00S	Soil							
C779	L9W @ 1+75S	Soil							
C780	L9W @ 1+50S	Soil							
C781	L9W @ 1+25S	Soil		373					
C782	L9W @ 1+00S	Soil		298					
C783	L9W @ 0+75S	Soil							
C784 (790)	L9W @ 0+50S	Soil		201				55	
C785	L9W @ 0+25S	Soil		218		13		193	
C786	L9W @ BL+00	Soil							5
C787	L9W @ 0+25N	Soil							
C788	L9W @ 0+50N	Soil		160					
C789	L9W @ 0+75N	Soil							
C790	L9W @ 1+25N	Soil							
C791	L9W @ 1+50N	Soil		166					
C792 (798)	L9W @ 1+75N	Soil		181					

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C793	L9W @ 2+25N	Soil							
C794 (800)	L9W @ 2+50N	Soil							
C795	L9W @ 2+75N	Soil							
C796	L9W @ 3+00N	Soil							
C797	L9W @ 3+25N	Soil							
C798	L9W @ 3+50N	Soil	38	299					
C799	L9W @ 3+75N	Soil							
C800	L9W @ 4+00N	Soil							
C801	L9W @ 4+25N	Soil	32	158					
C802	L9W @ 4+50N	Soil							
C803	L9W @ 4+75N	Soil							
C804 (810)	L9W @ 5+00N	Soil							
C805	L9W @ 5+25N	Soil							
C806	L3W @ 0+25N	Soil					44.6	340	
C807	L2W @ 0+75N	Soil							
C808	L2W @ 0+50N	Soil							
C809	L2W @ 0+25N	Soil		134					130
C810	L2W @ 0+00N	Soil	30						226
C811	L-0 @ 0+25S	Soil							
C812	L-0 @ 0+50S	Soil					50.9	687	
C813	L-0 @ 0+75S	Soil					52.9	157	
C814 (820)	L-0 @ 1+00S	Soil							
C815	L-0 @ 1+25S	Soil							
C816	L-0 @ 1+50S	Soil							
C817	L-0 @ 2+00S	Soil							
C818	L-0 @ 2+25S	Soil					12		
C819	L-0 @ 2+50S	Soil							
C820	L-0 @ 2+75S	Soil							
C821	L-0 @ 3+00S	Soil	32	282					
C822	L-0 @ 3+25S	Soil							
C823	L-0 @ 3+50S	Soil							
C824 (830)	L-0 @ 3+75S	Soil						40	
C825	L-0 @ 4+00S	Soil							
C826	L-0 @ 4+25S	Soil							
C827	L-0 @ 4+50S	Soil							35

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C828 (835)	L-0 @ 4+75S	Soil							
C829	L-0 @ 5+00S	Soil						33	
C830	L1W @ TL 5S	Soil	28	165					6
C831	L1W @ 4+75S	Soil							
C832	L1W @ 4+50S	Soil							
C833	L1W @ 4+25S	Soil							
C834 (840)	L1W @ 4+00S	Soil		135					17
C835	L1W @ 3+75S	Soil		197					
C836	L9W @ 5+00S	Soil		324					
C837	L9W @ 4+25S	Soil							
C838	L9W @ 4+00S	Soil					72.7	93	
C839	L8W @ 4+00S	Soil						84	
C840	L8W @ 4+25S	Soil							
C841	L8W @ 4+50S	Soil							
C842	L8W @ 5+00S	Soil		187			49.5		
C843	L8W @ 4+75S	Soil							
C844 (850)	L7W @ 4+50S	Soil							
C845	L7W @ 4+25S	Soil							
C846	L7W @ 4+00S	Soil							
C847	L7W @ 3+75S	Soil					48.4		
C848	L6W @ 3+50S	Soil							
C849	L6W @ 3+75S	Soil						51	
C850	L6W @ 4+00S	Soil							
C851	L6W @ 4+50S	Soil	58	555					9
C852	L6W @ 4+75S	Soil							
C853	L6W @ 5+00S	Soil							
C854 (860)	L5W @ 5+00S	Soil							
C855	L5W @ 4+75S	Soil	50	431				32	
C856	L5W @ 4+50S	Soil		175			57.2		26
C857	L5W @ 4+25S	Soil							
C858	L5W @ 4+00S	Soil							
C859	L5W @ 3+75N	Soil							
C860	L5W @ 3+50N	Soil							
C861	L5W @ 3+25S	Soil							
C862	L5W @ 3+00S	Soil							

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)						
			Pb	Zn	Ag	Au	Cu	As	Mo
C935	L6E @ 8+50N	Soil							
C936 (942)	L6E @ 8+75N	Soil		138					
C937	L6E @ 9+00N	Soil							
C938	L6E @ 9+25N	Soil							
C939	L6E @ 9+50N	Soil							
C940	L6E @ 9+75N	Soil							
C941	L6E @ 10+00N	Soil							
C942	L6E @ 10+25N	Soil							
C943	L6E @ 10+50N	Soil		143					
C944 (950)	L6E @ 10+75N	Soil	32	180					
C945	L6E @ 11+00N	Soil							
C946	L7E @ 10+75N	Soil	50						
C947	L7E @ 10+50N	Soil							
C948	L7E @ 10+25N	Soil							
C949	L7E @ 10+00N	Soil		125		11			
C950	L7E @ 9+75N	Soil		208					
C951	L7E @ 9+50N	Soil		179					
C952	L7E @ 9+25N	Soil							
C953 (959)	L7E @ 9+00N	Soil	50	645					
C954	L7E @ 8+75N	Soil		260					
C955	L7E @ 8+50N	Soil		371					
C956	L8E @ 8+50N	Soil	35	152					
C957	L8E @ 8+75N	Soil		386					
C958	L8E @ 9+00N	Soil							
C959	L8E @ 9+25N	Soil							
C960	L8E @ 9+50N	Soil							
C961	L8E @ 9+75N	Soil							
C962	L8E @ 10+00N	Soil		207			33.7		
C963 (969)	L8E @ 10+25N	Soil					56.6		
C964	L8E @ 10+50N	Soil							
C965	L8E @ 10+75N	Soil							
C966	L9E @ 9+50N	Soil		181					
C967	L9E @ 9+25N	Soil							
C968	L9E @ 9+00N	Soil	34	337					
C969	L9E @ 8+75N	Soil							

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)					Mo	
			Pb	Zn	Ag	Au	Cu		As
C970	L9E @ 8+50N	Soil							
C971	L9E @ 8+25N	Soil							
C972	L10E @ 8+50N	Soil		156					
C973 (979)	L10E @ 8+75N	Soil							
C974	L10E @ 9+00N	Soil		301					
C975	L10E @ 9+25N	Soil		223					
C976	L10E @ 9+50N	Soil							
C977	L11E @ 7+00N	Soil		166			46.7		
C978	L19W @ 12+25N	Soil							
C979	L19W @ 12+50N	Soil					52.5		
C980	L19W @ 12+75N	Soil		149					
C981	L19W @ 13+00N	Soil							
C982 (988)	L19W @ 13+25N	Soil							
C983	L19W @ 13+50N	Soil							
C984	L19W @ 13+75N	Soil							
C985	L19W @ 14+00N	Soil	34	216			63.2		
C986	L19W @ 14+25N	Soil		348			62.9		
C987	L19W @ 14+50N	Soil							
C988	L19W @ 14+75N	Soil		357					
C989	L19W @ 15+00N	Soil							
C990	L19W @ 15+25N	Soil	29	219					
C991	L19W @ 15+50N	Soil							
C992 (126998)	L19W @ 15+75N	Soil		257					
C993	L19W @ 17+00N	Soil							
C994	L19W @ 17+25N	Soil		439					
C995 (58001)	L19W@17+50N	Soil							
C996	L19W @ 17+75N	Soil		218					
C997	L19W @ 18+00N	Soil	28	173					
C998	L19W @ 18+25N	Soil	28	300					
C999	L19W @ 18+50N	Soil							
C1000(58006)	L19W@18+75N	Soil	68	346	4.1	1150			
C1001	L19W @ 19+00N	Soil				9.0			
C1002	L19W @ 19+25N	Soil							
C1003	L19W @ 19+50N	Soil		195					
C1004	L19W @ 19+75N	Soil							
C1005	L18W @ 20+00N	Soil							

<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Values (in p.p.m., Au in p.p.b.)</u>						
			Pb	Zn	Ag	Au	Cu	As	Mo
C1078(58084)	L16W @ 12+75N	Soil							
C1079	L16W @ 12+50N	Soil	40	239	0.7				
C1080	L16W @ 12+25N	Soil	22	178					
C1081(58087)	L16W@12+00N	Soil							

END OF SAMPLING - TILL GEOCHEMICAL SURVEY

NOTE:L Mean averages taken into account for the values of the main mineral suites

Following are the anomalous values/thresholds tracked for the elements indicated:

Lead (Pb) : + 30 p.p.m.
Zinc (Zn): + 150 p.p.m.
Silver (Ag) : + 1 p.p.m.
Gold (Au) : + 8 p.p.b.
Copper (Cu) : + 50 p.p.m.
Arsenic (As) : + 30 p.p.m.
Molybdenum (Mo) : + 1 p.p.m.

ANALYTICAL RESULTS

**MINNISSABIK MINERAL CORP.
Clarendon Twp. Property**



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UPPER CONCENTRATION LIMITS HAVE BEEN EXCEEDED

Some of the results in this report are outside the applicable analytical range. Please refer to the table below or the current Schedule of Fees and Services for our recommended upper concentration limits. Results greater than the upper concentration limit are reported for the convenience of our clients but are of poor precision and/or subject to interferences.

Please contact us for additional technical information or for an accurate determination by an appropriate technique.

Method Code	Instrument	Element	Upper Limit	Comments
ICP-70	ICP/AA	Ag	10ppm	See note below
ICP-70 ICP-80	ICP	32 elements	5,000 ppm	As, Sb, Bi, W, La may be affected for samples with >10% Cu, Zn or >25% Fe.
XRF-7	XRF	25 elements	4,000 ppm	Matrix dependent. Not suitable for concentrates or highly mineralized samples.
CHM-20	Cold Vapour	Hg	100 ppm	
AAH-3	AA-Hydrise	Sb,As,Bi	200 ppm	
ES-4	DCP-Fusion	Be, B, Ge, V	2,000 ppm	
GFAA-10	GFAA	Cd,Se,Te	200 ppm	
CHM-13 CHM-10	Specific Ion	Cl F	5000ppm 1%	
ICPMS-10	ICPMS	In	4,000 ppm	

Note:

Method code ICP-70 utilizes a nitric aqua regia digestion. Silver may precipitate from solution as a chloride and may be underestimated. A fire assay determination for silver is recommended.

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Work Order: 018824

Date: 16/12/97

FINAL

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Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	Ag ICP70 0.2 ppm	Pb ICP70 2 ppm
17901	5	10.3	35.2	<0.2	<2
17902	<1	1.4	33.1	<0.2	<2
17903	2	50.0	44.5	<0.2	<2
17904	4	23.8	212	<0.2	8
17905	3	12.6	30.3	<0.2	<2
17906	9	183	21.6	0.5	<2
17907	3	10.6	36.4	<0.2	<2
17908	1	7.5	18.4	<0.2	<2
17909	<1	5.0	68.7	<0.2	<2
17910	4	0.5	20.5	<0.2	<2
17911	2	12.7	36.1	<0.2	<2
17912	<1	31.9	61.8	<0.2	<2
17913	3	3.0	37.5	<0.2	<2
17914	1	3.7	64.0	<0.2	<2
17915	3	24.3	63.2	<0.2	<2
17916	1	54.1	49.6	<0.2	<2
17917	3	17.8	244	<0.2	30
17918	8	43.4	42.1	<0.2	<2
17919	6	11.1	66.1	<0.2	<2
17920	1	3.8	<0.5	<0.2	<2
17921	<1	4.9	60.1	<0.2	<2
17922	<1	8.8	41.3	<0.2	<2
17923	2	4.7	16.7	<0.2	<2
17924	3	7.4	27.7	<0.2	<2
17925	2	<0.5	42.1	<0.2	<2
17926	<1	16.1	21.9	<0.2	<2
17927	<1	3.9	44.3	<0.2	<2
17928	1	0.8	35.3	<0.2	<2
17929	<1	8.1	38.8	<0.2	<2
17930	<1	38.5	42.1	<0.2	<2
17931	<1	3.1	45.7	<0.2	<2
17932	1	156	51.5	<0.2	<2
17933	5	6.3	37.4	<0.2	<2
17934	3	29.8	53.6	<0.2	<2
17935	3	7.8	12.6	<0.2	<2
17936	4	<0.5	47.8	<0.2	<2
17937	1	0.9	43.9	<0.2	<2
17938	1	10.8	67.4	<0.2	<2
17939	<1	3.2	31.0	<0.2	<2
*Dup 17901	7	10.4	35.2	<0.2	<2
*Dup 17913	2	3.6	37.9	<0.2	<2
*Dup 17925	3	<0.5	42.2	<0.2	<2
*Dup 17937	2	0.9	43.8	<0.2	<2

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Ident.	Au FA30/1	Cu ICP70	Zn ICP70	Ag ICP70	Pb ICP70
Units	ppb	ppm	ppm	ppm	ppm
17940	2	7.8	24.0	<0.2	<2
17941	1	6.8	8.6	<0.2	<2
17942	1	<0.5	37.7	<0.2	<2
17943	8	16.2	38.6	0.2	<2
17944	4	3.6	41.0	<0.2	<2
17945	8	<0.5	68.1	<0.2	<2
17946	2	5.7	26.4	11.4	<2
17947	8	3.1	25.5	<0.2	<2
17948	10	15.2	48.9	<0.2	<2
17949	7	2.7	24.6	<0.2	<2
17950	6	<0.5	72.9	<0.2	<2
17951	8	2.9	33.6	4.7	<2
17952	10	6.6	62.3	<0.2	<2
17953	4	3.6	<0.5	18.0	<2
17954	18	<0.5	30.8	<0.2	<2
17955	6	<0.5	51.5	<0.2	<2
17956	11	30.1	85.4	<0.2	<2
17957	5	16.8	123	<0.2	34
17958	3	8.9	56.3	14.9	<2
17959	3	6.5	63.5	<0.2	<2
17960	13	37.2	168	<0.2	7
17961	4	10.1	70.5	<0.2	2
17962	6	10.3	40.5	<0.2	4
17963	2	11.3	556	0.6	<2
17964	2	38.9	283	<0.2	9
17965	<1	2.8	13.4	<0.2	2
17966	<1	27.4	56.0	<0.2	4
17967	<1	3.1	9.3	<0.2	2
17968	<1	0.9	26.8	<0.2	<2
17969	<1	30.5	48.4	<0.2	<2
17970	<1	12.7	32.5	0.2	<2
17971	1	43.3	50.8	<0.2	5
17972	6	10.6	14.2	<0.2	<2
17973	87	340	11.7	<0.2	<2
17974	<1	0.8	5.7	<0.2	<2
17975	<1	3.2	4.7	<0.2	<2
17976	<1	64.1	160	<0.2	21
17977	31	116	8.5	0.2	<2
17978	9	10.8	50.1	<0.2	4
17979	1	7.1	56.2	0.2	26
17980	<1	48.4	56.7	5.1	3
17981	<1	7.0	19.1	0.7	8
17982	<1	41.4	114	7.5	19
17983	<1	18.8	8.3	0.7	<2
17984	8	15.4	57.9	<0.2	3

Element. Method. Det.Lim. Units.	Au FA30/1	Cu ICP70	Zn ICP70	Ag ICP70	Pb ICP70
	1	0.5	0.5	0.2	2
	ppb	ppm	ppm	ppm	ppm
17985	9	0.6	21.4	0.4	<2
17986	2	4.1	<0.5	0.3	<2
17987	3	19.0	26.7	<0.2	2
17988	1	4.1	2.6	<0.2	<2
17989	<1	43.9	44.3	0.2	4
17990	1	15.3	45.6	0.7	<2
17991	<1	12.8	8.1	<0.2	4
17992	1	<0.5	43.2	5.3	<2
17993	<1	9.3	32.8	<0.2	17
17994	<1	3.4	10.6	<0.2	<2
17995	<1	12.4	30.3	<0.2	<2
17996	<1	2.5	16.0	<0.2	3
17997	9	44.4	59.6	18.5	5
17998	<1	15.4	38.2	<0.2	5
17999	<1	8.0	222	0.3	3
18000	<1	14.2	45.0	<0.2	<2
*Dup 17940	<1	7.2	23.3	0.2	<2
*Dup 17952	13	6.9	58.1	<0.2	<2
*Dup 17964	<1	37.2	272	<0.2	7
*Dup 17976	<1	64.0	158	<0.2	21
*Dup 17988	<1	3.6	1.5	<0.2	<2
*Dup 18000	<1	14.9	46.4	<0.2	<2

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Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	Ag ICP70 0.2 ppm	Pb ICP70 2 ppm
58101	2	44.0	73.5	<0.2	3
58102	4	15.3	73.3	<0.2	<2
58103	<1	0.6	50.9	<0.2	<2
58104	1	<0.5	46.6	<0.2	<2
58105	4	25.9	34.3	<0.2	<2
58106	2	1.0	14.1	<0.2	<2
58107	1	0.8	5.7	<0.2	<2
58108	5	19.5	12.1	<0.2	4
58109	1	41.9	126	<0.2	<2
58110	3	75.9	82.7	<0.2	<2
58111	<1	21.7	17.2	<0.2	<2
58112	4	14.8	57.3	<0.2	6
58113	1	0.6	19.1	<0.2	<2
58114	<1	1.8	6.7	<0.2	<2
58115	<1	4.7	13.3	<0.2	5
58116	<1	12.4	8.8	<0.2	<2
58117	<1	41.4	83.7	<0.2	<2
58118	<1	0.8	13.4	<0.2	<2
58119	1	62.5	77.8	<0.2	<2
58120	3	85.8	57.5	<0.2	3
58121	1	13.8	236	<0.2	47
58122	<1	1.2	14.9	<0.2	<2
58123	<1	1.4	7.1	<0.2	<2
58124	<1	0.7	48.2	<0.2	<2
58125	<1	53.3	53.3	<0.2	3
58126	2	33.8	9.7	<0.2	23
58127	<1	<0.5	34.3	<0.2	3
58128	2	0.5	10.5	<0.2	<2
58129	13	66.9	>10000	12.7	1970
*Dup 58101	<1	46.3	75.4	<0.2	2
*Dup 58113	<1	<0.5	20.6	<0.2	<2
*Dup 58125	<1	53.3	57.8	<0.2	3

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Element.	Au	Cu	Zn	Ag	Pb
Method.	FA30/1	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	0.5	0.5	0.2	2
Units.	ppb	ppm	ppm	ppm	ppm
126899 C-893	2	40.6	93.5	<0.2	21
126900	1	27.4	160	0.3	28
126901	<1	19.3	136	0.3	10
126902	1	39.8	68.2	<0.2	4
126903 C-897	<1	13.1	61.5	<0.2	<2
126904	6	12.3	51.9	<0.2	5
126905	<1	9.6	75.8	<0.2	5
126906	<1	11.9	102	<0.2	4
126907	<1	50.2	56.9	<0.2	<2
126908	<1	45.2	106	<0.2	16
126909	<1	39.7	123	<0.2	4
126910	<1	63.7	73.1	0.3	14
126911	<1	9.3	59.2	<0.2	<2
126912	1	17.8	57.3	<0.2	3
126913	3	15.8	187	<0.2	6
126914	2	5.9	77.5	<0.2	3
126915	13	42.5	176	0.5	23
126916	2	21.8	76.6	<0.2	4
126917	<1	8.0	70.0	<0.2	3
126918	8	10.1	135	<0.2	28
126919	3	18.7	101	<0.2	5
126920	4	28.0	93.3	<0.2	10
126921	1	28.6	45.6	<0.2	5
126922	2	20.8	169	<0.2	17
126923	1	25.0	121	<0.2	17
126924	1	19.7	146	0.3	45
126925	<1	19.0	85.3	0.4	3
126926	1	28.8	81.0	0.3	4
126927	<1	16.7	63.3	<0.2	21
126928	<1	24.9	115	<0.2	21
126929	2	31.2	99.4	<0.2	18
126930	1	22.2	110	<0.2	9
126931	<1	30.7	110	<0.2	17
126932	<1	8.7	362.04	0.4	32
126933	1	23.9	74.7	<0.2	5
126934	1	16.3	48.7	<0.2	7
126935	2	29.4	147	0.3	27
126936	<1	28.9	89.9	<0.2	6
126937	<1	40.0	163	<0.2	24
126938	6	144	890.97	1.2	108
126939	1	21.1	606.06	<0.2	44
126940	1	20.9	86.5	<0.2	3
126941	3	35.9	85.6	0.2	3
126942	4	36.6	138	0.6	18
126943	5	24.5	86.3	<0.2	28

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Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	Ag ICP70 0.2 ppm	Pb ICP70 2 ppm
126944	3	17.2	45.8	<0.2	4
126945	4	15.9	76.3	<0.2	11
126946	<1	18.4	83.9	<0.2	5
126947	3	30.1	80.5	<0.2	5
126948	2	36.5	83.2	0.3	5
126949	2	39.3	143	<0.2	19
126950	<1	14.5	180	0.3	32
126951	<1	18.1	79.4	<0.2	20
126952	<1	9.1	108	<0.2	50
126953	1	30.8	56.9	<0.2	4
126954	2	18.9	127	<0.2	27
126955	11	41.0	125	0.5	34
126956	2	22.1	208	<0.2	23
126957	2	30.3	179	0.4	5
126958	<1	16.6	60.6	<0.2	<2
126959	1	30.8	645	0.2	58
126960	<1	14.1	260	0.2	25
126961	<1	62.6	371	<0.2	3
126962	2	18.4	152	0.3	35
126963	<1	10.2	386	0.2	28
126964	<1	25.1	98.3	0.2	12
126965	<1	16.2	98.8	<0.2	24
126966	3	22.2	59.6	<0.2	4
126967	1	18.1	67.7	<0.2	3
126968	2	33.7	207	<0.2	5
126969	2	56.6	84.0	<0.2	4
126970	7	33.8	84.3	<0.2	5
126971	4	20.9	98.3	0.4	12
126972	<1	12.1	181	<0.2	21
126973	3	29.2	96.8	<0.2	<2
126974	4	40.3	337	<0.2	34
126975	1	10.5	109	<0.2	10
126976	2	15.4	131	0.3	24
126977	2	6.3	89.9	<0.2	3
126978	2	29.1	156	0.2	2
126979	3	13.2	68.5	<0.2	4
126980	<1	16.9	301	<0.2	21
126981	<1	6.9	223	<0.2	15
126982	5	10.9	40.0	<0.2	<2
126983	3	46.7	166	<0.2	19
126984	4	28.7	108	0.5	3
126985	<1	52.4	90.3	<0.2	5
126986	3	11.8	149	<0.2	15
126987	3	37.6	197	<0.2	20
126988	3	23.2	50.1	<0.2	2

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Element.	Au	Cu	Zn	Ag	Pb
Method.	FA30/1	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	0.5	0.5	0.2	2
Units.	ppb	ppm	ppm	ppm	ppm
126989	5	12.5	122	<0.2	25
126990	2	16.0	123	<0.2	9
126991	3	63.2	216	<0.2	34
126992	1	62.9	348	<0.2	13
126993	<1	28.3	49.5	<0.2	2
126994	2	30.4	357	<0.2	4
126995	2	31.3	101	<0.2	12
126996	2	14.0	219	0.4	29
126997	<1	14.1	61.7	<0.2	3
126998	<1	18.8	257	0.5	31
126999	1	35.8	104	<0.2	15
127000	3	21.3	439	0.5	21
58001	<1	12.9	39.2	<0.2	<2
58002	1	13.7	218	<0.2	5
58003	2	26.8	173	<0.2	28
58004	<1	12.9	300	<0.2	28
58005	3	13.1	41.7	<0.2	<2
58006	1150	261	346	4.1	68
58007	9	13.1	104	<0.2	2
58008	7	26.8	195	0.7	7
58009	4	25.6	125	0.3	5
58010	3	13.7	98.5	<0.2	<2
58011	1	21.7	92.5	<0.2	2
58012	1	25.8	88.5	<0.2	3
58013	<1	7.4	67.4	<0.2	4
58014	<1	17.8	37.3	<0.2	<2
58015	3	26.2	124	<0.2	<2
58016	3	25.0	101	<0.2	<2
58017	14	26.1	53.2	<0.2	3
58018	4	17.7	117	<0.2	<2
58019	1	12.7	32	0.4	3
58020	4	15.5	260	0.2	20
58021	2	9.6	73.9	0.4	4
58022	7	36.2	60.6	<0.2	2
58023	2	16.0	72.6	<0.2	4
58024	4	7.2	67.8	<0.2	3
58025	2	66.4	104	0.2	2
58026	1	19.5	45.3	<0.2	<2
58027	2	7.9	27.0	<0.2	<2
58028	2	25.8	58.0	<0.2	5
58029	1	13.5	120	<0.2	<2
58030	12	18.1	255	<0.2	9
58031	1	26.5	80.5	<0.2	3
58032	<1	12.2	73.3	<0.2	3
58033	2	16.7	98.1	<0.2	15

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Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	Ag ICP70 0.2 ppm	Pb ICP70 2 ppm
58034	3	21.9	132	<0.2	16
58035	5	13.4	130	0.3	10
58036	3	32.8	215	0.4	53
58037	8	31.3	274	0.3	31
58038	2	14.7	232	<0.2	53
58039	<1	157	217	<0.2	30
58040	<1	16.0	277	<0.2	47
58041	2	5.1	280	0.2	53
58042	3	72.4	349	<0.2	38
58043	<1	6.5	118	0.3	22
58044	3	36.8	195	<0.2	22
58045	1	46.8	183	<0.2	5
58046	<1	15.8	113	<0.2	10
58047	1	15.9	73.2	<0.2	2
58048	1	11.9	76.0	<0.2	<2
58049	6	42.8	230	<0.2	5
58050	3	16.1	73.4	<0.2	<2
58051	3	32.6	70.9	<0.2	3
58052	3	2.5	73.5	<0.2	4
58053	5	32.6	94.1	<0.2	4
58054	4	19.9	210	0.5	19
58055	<1	19.4	103	<0.2	4
58056	1	17.7	61.6	<0.2	3
58057	1	10.3	122	<0.2	4
58058	1	9.4	58.3	<0.2	3
58059	1	14.1	87.8	<0.2	2
58060	3	9.0	73.0	<0.2	17
58061	1	12.4	503	0.5	88
58062	6	3.2	363	<0.2	17
58063	1	15.0	81.1	<0.2	<2
58064	1	20.8	83.7	<0.2	<2
58065	<1	2.4	89.6	<0.2	<2
58066	2	8.0	68.6	<0.2	2
58067	<1	7.4	25.4	<0.2	<2
58068	7	85.9	56.3	<0.2	<2
58069	1	4.7	92.1	<0.2	4
58070	1	25.5	103	<0.2	4
58071	<1	23.8	68.5	<0.2	2
58072	1	25.5	85.5	0.4	47
58073	<1	18.8	91.4	0.3	3
58074	<1	47.7	113	<0.2	26
58075	1	27.9	74.2	<0.2	4
58076	5	42.2	141	0.4	4
58077	<1	35.4	188	<0.2	8
58078	<1	26.6	188	<0.2	20

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Element.	Au	Cu	Zn	Ag	Pb
Method.	FA30/1	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	0.5	0.5	0.2	2
Units.	ppb	ppm	ppm	ppm	ppm
58079	2	44.2	135	<0.2	20
58080	<1	8.4	135	0.2	4
58081	9	46.1	717	0.4	32
58082	<1	30.0	95.6	<0.2	34
58083	2	19.3	88.7	<0.2	5
58084	1	23.4	72.5	0.5	9
58085	<1	8.0	239	0.7	40
58086	<1	27.1	178	<0.2	22
*Dup 126899	<1	37.2	91.0	0.2	18
*Dup 126911	<1	9.4	65.0	<0.2	2
*Dup 126923	<1	25.5	123	<0.2	18
*Dup 126935	<1	29.9	151	<0.2	24
*Dup 126947	2	31.0	83.6	0.4	9
*Dup 126959	<1	31.3	690	<0.2	50
*Dup 126971	5	20.5	91.3	<0.2	8
*Dup 126983	4	46.7	168	0.4	22
*Dup 126995	2	34.3	103	<0.2	13
*Dup 58007	7	11.6	101	0.4	3
*Dup 58019	2	12.0	318	<0.2	4
*Dup 58031	2	25.3	81.5	<0.2	3
*Dup 58043	2	5.1	112	<0.2	20
*Dup 58055	2	19.5	102	<0.2	5
*Dup 58067	1	7.5	25.7	<0.2	<2
*Dup 58079	1	44.8	138	<0.2	16

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Element. Method. Det.Lim. Units.	Au FA30/I 1 ppb	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm
120701	4050	<0.5	0.08	1.48	1.94	0.48	1.27	2.04	3.5	0.11	68	83	408	3.79	14	11	112
120702	92	0.5	0.10	1.88	2.40	0.78	1.35	3.12	3.7	0.08	91	31	461	4.97	25	12	63.1
120703	607	<0.5	0.10	1.83	2.06	0.85	1.26	3.17	3.1	0.06	88	45	487	4.66	20	11	203
120704	917	<0.5	0.06	1.63	2.22	0.48	1.31	2.00	4.6	0.11	74	60	473	5.35	22	17	173
120705	7	<0.5	0.02	0.79	0.05	<0.01	<0.01	1.51	<0.5	<0.01	<2	179	69	0.25	6	7	13.9
120706	9	<0.5	0.01	7.77	0.21	0.02	0.02	13.9	<0.5	<0.01	<2	28	212	0.35	1	1	3.1
120707	39	<0.5	0.03	1.03	0.16	0.03	0.03	3.14	<0.5	<0.01	<2	214	123	0.24	20	116	54.1
120708	20	<0.5	0.07	1.13	0.10	0.02	<0.01	2.38	<0.5	<0.01	<2	67	168	0.20	65	15	20.4
120709	57	<0.5	0.07	1.17	0.14	<0.01	0.01	2.00	<0.5	<0.01	<2	203	98	0.33	33	13	112
120710	2780	<0.5	0.02	0.91	0.06	<0.01	<0.01	2.04	<0.5	<0.01	<2	144	80	0.25	11	6	347
120711	750	<0.5	<0.01	9.05	0.24	0.01	<0.01	14.2	0.5	<0.01	<2	23	231	0.33	3	1	65.8
120712	261	<0.5	0.02	0.88	0.04	<0.01	<0.01	2.21	<0.5	<0.01	<2	128	89	0.20	12	6	75.4
120713	9	<0.5	0.07	4.36	0.06	<0.01	<0.01	7.84	<0.5	<0.01	<2	91	129	0.23	14	5	4.5
120714	588	<0.5	0.02	0.36	0.09	0.04	0.02	0.99	<0.5	<0.01	<2	206	89	0.38	9	8	743
120715	133	<0.5	0.05	1.23	0.66	0.02	0.45	2.37	<0.5	0.07	8	84	210	0.95	17	8	580
120716	104	<0.5	0.04	0.78	0.32	<0.01	0.21	1.66	<0.5	0.03	5	144	136	0.98	22	12	791
120717	35	<0.5	0.07	2.03	1.08	0.03	0.93	3.27	1.4	0.12	20	46	203	1.20	21	12	595
120718	10	<0.5	0.05	0.79	0.29	0.01	0.13	2.22	<0.5	0.05	4	33	136	0.32	17	6	85.8
120719	3120	<0.5	0.05	0.49	0.41	0.04	0.17	0.48	1.5	0.04	14	200	85	0.59	59	19	1650
120720	5070	<0.5	0.05	0.43	0.25	0.04	0.05	0.59	<0.5	0.01	2	164	91	0.87	33	13	5490
120721	3910	<0.5	0.04	0.48	0.24	0.05	0.05	0.69	<0.5	<0.01	<2	192	115	0.82	37	15	3920
120722	3770	<0.5	0.04	0.50	0.27	0.01	0.07	0.46	<0.5	0.02	3	204	111	0.90	37	17	3350
120723	2910	<0.5	0.06	0.68	0.46	0.04	0.18	0.40	0.7	0.03	6	239	142	0.94	36	14	1750
120724	367	<0.5	0.22	1.59	2.58	0.08	1.18	1.42	7.1	0.24	83	93	379	2.65	31	18	872
120725	16	0.5	0.32	1.86	3.25	0.05	1.38	2.79	3.0	0.16	27	87	458	1.83	9	12	21.4
120726	9	<0.5	0.03	1.27	0.23	0.01	0.15	3.63	<0.5	0.02	3	62	228	0.30	7	4	14.8
120727	62	<0.5	0.04	1.20	0.38	0.02	0.23	3.20	<0.5	0.04	4	55	253	0.47	5	4	157
120728	12	<0.5	0.04	2.14	0.69	0.01	0.50	4.35	0.7	0.04	8	69	307	0.55	4	4	30.6
120729	1340	<0.5	0.04	1.22	0.50	0.08	0.27	1.40	<0.5	0.03	5	116	166	0.69	16	10	1510
120730	1850	<0.5	0.03	0.58	0.18	0.10	0.07	1.09	<0.5	<0.01	2	211	114	0.38	4	6	770

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Element.	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu
Method.	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5
Units.	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
120731	192	<0.5	0.11	1.47	1.15	0.13	0.80	1.81	7.1	0.23	105	122	339	4.81	31	29	2390
*Dup 120701	3820	<0.5	0.07	1.48	1.94	0.47	1.30	2.02	3.5	0.09	66	86	397	3.94	13	10	111
*Dup 120713	14	<0.5	0.08	4.91	0.06	<0.01	<0.01	8.38	<0.5	<0.01	<2	98	147	0.26	15	5	4.6
*Dup 120725	14	0.5	0.31	1.87	3.19	0.05	1.35	2.77	3.0	0.15	26	91	451	1.87	9	12	19.8

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Element. Method. Det.Lim. Units.	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm
120701	123	283	120	17.8	4.9	3	<0.2	<1	<10	<5	1250	67.4	<10	14	7
120702	123	88	256	28.2	4.6	2	<0.2	<1	<10	<5	1520	113	<10	11	<5
120703	107	83	149	29.4	4.6	3	<0.2	<1	<10	<5	1210	122	<10	8	<5
120704	73.2	1480	79.5	17.1	5.6	3	<0.2	<1	<10	<5	641	72.0	<10	27	<5
120705	18.2	<3	23.3	<0.5	0.7	9	0.6	<1	<10	<5	7	0.5	<10	10	<5
120706	45.6	<3	216	1.7	<0.5	53	<0.2	<1	<10	<5	15	0.6	<10	10	<5
120707	25.1	<3	74.3	0.8	0.6	41	1.2	<1	<10	<5	19	<0.5	<10	28	<5
120708	34.5	<3	48.9	0.8	<0.5	15	0.5	<1	<10	<5	10	<0.5	<10	16	<5
120709	18.9	<3	40.5	<0.5	1.0	5	2.9	<1	<10	<5	8	<0.5	<10	8	<5
120710	31.0	5	34.9	0.5	0.6	9	18.8	<1	<10	<5	10	<0.5	<10	13	24
120711	44.3	<3	212	1.6	0.5	5	4.0	<1	<10	<5	3	0.5	<10	26	<5
120712	15.2	<3	46.7	<0.5	0.6	5	5.1	<1	<10	<5	7	<0.5	<10	7	5
120713	19.7	<3	131	0.7	0.6	3	<0.2	<1	<10	<5	5	<0.5	<10	8	<5
120714	27.9	11	26.9	0.8	1.3	10	11.4	<1	<10	13	12	<0.5	<10	7	6
120715	35.7	<3	117	2.4	3.7	5	2.8	<1	<10	<5	111	0.8	<10	4	<5
120716	21.4	5	79.7	1.7	3.1	6	2.2	<1	<10	<5	80	0.8	<10	5	<5
120717	38.0	<3	223	3.8	5.3	6	0.5	<1	<10	<5	251	2.7	<10	10	<5
120718	18.2	<3	126	2.7	2.2	2	<0.2	<1	<10	<5	53	1.6	<10	9	<5
120719	65.5	27	22.7	1.0	3.1	4	15.9	<1	<10	81	69	<0.5	<10	25	*INF
120720	163	21	36.5	0.9	1.7	5	29.5	3	<10	57	39	0.6	<10	12	*INF
120721	105	28	30.6	1.9	1.6	4	44.7	1	<10	48	49	<0.5	<10	7	*INF
120722	88.1	44	23.6	0.8	1.8	6	48.9	<1	<10	74	60	<0.5	<10	10	*INF
120723	43.8	25	24.4	1.2	2.6	3	42.5	<1	<10	55	46	1.1	<10	19	*INF
120724	32.4	5	48.8	4.6	4.3	1	9.8	<1	19	<5	107	6.3	<10	14	<5
120725	41.9	7	62.5	4.4	3.3	3	0.3	<1	<10	<5	60	7.7	<10	9	<5
120726	13.8	<3	292	3.4	1.6	14	<0.2	<1	<10	<5	24	2.0	<10	9	<5
120727	19.4	<3	232	3.1	2.5	15	1.1	<1	<10	<5	58	1.3	<10	4	<5
120728	29.7	<3	269	3.8	2.3	4	0.3	<1	<10	<5	80	1.8	<10	12	<5
120729	74.6	31	84.1	2.4	1.8	6	26.8	<1	<10	37	48	3.2	<10	22	*INF
120730	73.8	49	44.7	1.9	1.7	10	25.0	<1	<10	91	22	<0.5	<10	34	118

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Element.	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
120731	55.8	<3	39.4	4.0	4.8	<1	9.4	<1	20	<5	144	2.4	<10	14	*INF
*Dup 120701	122	284	123	17.6	4.2	4	<0.2	<1	<10	<5	1200	68.0	<10	12	<5
*Dup 120713	23.0	<3	146	0.8	0.7	3	0.2	<1	<10	<5	6	<0.5	<10	6	<5
*Dup 120725	34.6	8	63.0	4.3	3.3	2	<0.2	<1	<10	<5	58	8.0	<10	8	<5

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Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	Ag ICP70 0.2 ppm	Pb ICP70 2 ppm
58130	<1	4.9	2900	<0.2	10
58131	<1	31.6	23.9	0.3	4
58132	<1	31.2	12.9	0.6	8
58133	<1	49.9	15.8	0.3	13
58134	4	41.2	53.4	0.3	19
58135	10	87.9	>10000	5.4	480
58136	<1	91.7	136	23.7	5
58137	<1	11.6	59.7	0.5	<2
58138	<1	7.8	502	0.7	27
58139	<1	10.1	14.3	0.5	<2
58140	<1	5.0	58.3	<0.2	<2
58141	<1	5.1	24.1	<0.2	<2
58142	<1	10.4	21.0	0.6	<2
58143	7	<0.5	19.6	18.2	<2
58144	5	78.5	18.6	0.4	2
58145	121	86.3	633	13.7	934
58146	7	4.9	21.9	<0.2	22
58147	3	4.2	23.1	15.6	4
58148	6	20.3	35.7	2.9	<2
58149	3	4.1	7.6	<0.2	<2
58150	2	<0.5	15.2	<0.2	3
58151	10	4.5	7.4	0.5	<2
58152	2	26.6	39.4	0.4	4
58153	3	6.4	43.4	0.4	4
58154	6	13.4	19.1	<0.2	3
58155	7	168	32.2	0.3	3
58156	210	62.1	49.3	<0.2	4
58157	12	8.1	147	<0.2	<2
58158	4	22.2	39.3	<0.2	4
*Dup 58130	2	4.4	2790	<0.2	8
*Dup 58142	<1	11.3	20.1	0.5	<2
*Dup 58154	4	13.6	16.4	<0.2	2

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Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb	Zn ICP70 0.5 ppm	Pb ICP70 2 ppm	Ag AA12 0.3 ppm
110501	<1	21.9	<2	0.7
110502	22	33.6	2	1.5
110503	3	60.5	<2	2.1
110504	1	16.6	<2	2.4
110505	<1	68.0	<2	1.5
110506	<1	17.2	3	2.3
110507	5	5.7	<2	<0.3
110508	3	32.0	<2	1.5
110509	<1	39.6	4	1.4
110510	<1	26.1	<2	0.7
110511	1	35.8	<2	1.3
110512	17	82.9	5	2.0
110513	2	18.7	10	1.7
110514	1	35.7	4	1.4
110515	<1	31.1	<2	1.4
110516	<1	56.9	<2	1.1
110517	<1	28.3	5	1.3
110518	<1	19.3	3	1.4
110519	<1	5.7	4	2.5
110520	3	61.4	<2	1.5
110521	<1	22.9	4	2.3
110522	<1	55.3	<2	1.6
110523	<1	4.6	<2	2.9
110524	<1	13.2	4	2.7
110525	3	49.9	3	1.5
110526	<1	67.7	4	2.0
110527	<1	26.5	2	1.4
110528	1	8.2	3	2.2
110529	<1	92.8	<2	2.5
110530	<1	71.8	2	1.7
110531	5	45.0	<2	1.4
110532	13	30.0	<2	0.5
110533	1	9.1	2	1.9
110534	3	62.6	<2	1.8
110535	5	31.1	<2	2.0
110536	10	39.5	46	1.5
110537	<1	114	<2	2.3
110538	<1	7.3	3	1.5
110539	3	38.9	<2	1.4
110540	2	30.0	4	1.5
110541	<1	11.5	<2	1.6
110542	<1	48.6	<2	1.9
110543	5	41.6	3	2.8
110544	10	9.1	2	0.7
110545	11	7.8	<2	1.6

Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb	Zn ICP70 0.5 ppm	Pb ICP70 2 ppm	Ag AA12 0.3 ppm
110546	18	113	2	2.4
110547	23	3.7	<2	2.2
110548	12	6.8	<2	2.0
110549	2	4.5	2	1.9
110550	3	42.5	<2	1.0
110551	5	123	<2	1.0
110552	5	98.2	6	1.7
110553	6	17.9	3	0.8
110554	4	56.9	<2	1.0
110555	2	13.6	<2	2.5
110556	6	52.0	7	1.9
110557	8	43.7	<2	0.9
110558	4	55.7	2	1.4
110559	12	14.0	<2	1.7
110560	6	53.6	5	1.6
110561	(N/S)	L.N.R.	L.N.R.	L.N.R.
110562	1	26.1	<2	0.8
110563	5	74.9	4	2.7
110564	26	2060	4	1.5
110565	<1	64.6	2	1.4
110566	<1	23.2	<2	0.7
110567	8	7.1	19	2.1
110568	<1	103	<2	2.7
110569	3	63.9	5	2.7
110570	2	67.3	<2	1.8
110571	2	21.9	<2	0.6
110572	<1	78.2	4	2.2
110573	3	19.4	<2	3.1
110574	<1	25.6	3	1.4
110575	<1	8.9	<2	3.2
110576	1	93.9	3	2.8
110577	9	95.6	5	2.3
110578	<1	44.3	3	2.0
110579	<1	50.8	<2	1.7
110580	2	104	2	2.1
NB024	<1	56.9	<2	1.1
*Dup 110501	1	22.0	<2	1.0
*Dup 110513	2	17.8	7	1.7
*Dup 110525	4	49.3	<2	1.3
*Dup 110537	<1	112	2	2.2
*Dup 110549	1	3.8	4	2.0
*Dup 110561	(L.N.R.	L.N.R.	L.N.R.	L.N.R.
*Dup 110573	1	20.0	<2	2.8

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Element.	Au	Cu	Zn	Pb	Ag
Method.	FA30/1	ICP70	ICP70	ICP70	AA12
Det.Lim.	1	0.5	0.5	2	0.3
Units.	ppb	ppm	ppm	ppm	ppm
110809	21	98.1	9.6	7	1.1
110810	128	12.9	10.7	3	1.0
110811	4	<0.5	11.4	4	2.0
110812	4	19.0	18.0	5	1.5
110813	6	0.7	29.6	11	1.8
110814	<1	55.1	12.2	<2	0.4
110815	23	60.4	21.2	10	1.1
110816	<1	20.4	3.3	2	<0.3
110817	3	<0.5	21.1	3	0.7
120732	4	5.7	21.7	3	0.8
120733	2	2.5	56.5	6	1.3
120734	8	71.6	160	9	2.4
120735	10	33.9	257	26	2.9
120736	3	36.8	25.3	33	2.9
120737	5	110	>10000	3760	14.1
*Dup 110809	16	96.1	10.0	6	1.1
*Dup 120735	10	33.8	253	26	2.7

DIAMOND DRILL PROGRAM - 1997
DRILL HOLE ANALYSIS
MINNISSABIK MINERAL CORP.

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Element.	Au	Zn	Pb
Method.	FA30/1	ICP70	ICP70
Det.Lim.	1	0.5	2
Units.	ppb	ppm	ppm
A101	33	63.4	29
A102	11	16.3	23
A103	4	40.5	<2
A104	16	21.1	25
A105	10	54.0	12
A106	19	67.5	3
A107	6	40.5	2
A108	19	55.4	<2
A109	3	1750	42
A110	(N/S) L.N.R.	L.N.R.	L.N.R.
A111	(N/S) L.N.R.	L.N.R.	L.N.R.
A112	2	>10000	5190
110601	6	110	30
110602	8	48.0	4
110603	3	15.3	<2
110604	4	12.3	2
110605	4	9.1	<2
110606	1	85.7	3
110607	1	23.6	2
110608	3	160	19
110609	6	81.3	<2
110610	3	70.0	4
110611	4	5.0	<2
110612	8	21.6	3
110613	4	32.0	<2
110614	5	31.8	7
110615	8	129	67
110616	4	15.7	<2
110617	15	50.2	6
110618	16	26.8	7
110619	6	59.0	4
110620	7	74.8	5
110621	8	24.4	<2
110622	5	18.1	3
110623	4	48.8	<2
110624	13	8.3	<2
110625	12	8.9	<2
110626	11	78.9	4
110627	18	60.5	<2
110628	6	61.6	<2
110629	18	90.4	5
110630	20	305	4
110631	14	428	<2
110632	19	186	4
110633	12	145	4

DIAMOND DRILL PROGRAM - 1997.
DRILL HOLE ANALYSIS
MINNISSABIK MINERAL CORP.

Work Order: 019389

Date: 26/01/98

Element.	Au	Zn	Pb
Method.	FA30/1	ICP70	ICP70
Det. Lim.	1	0.5	2
Units.	ppb	ppm	ppm
110634	10	248	2
110635	27	47.0	<2
110636	17	25.2	<2
110637	6	37.0	<2
110638	10	30.9	<2
110639	4	30.4	<2
110640	3	25.3	<2
110641	7	35.3	3
110642	8	52.9	<2
110643	4	72.8	3
110644	4	101	<2
110645	3	150	<2
110646	4	44.9	<2
110647	4	62.7	3
110648	5	63.0	4
110649	<1	72.3	<2
110650	5	65.4	7
110651	2	81.6	23
110652	2	89.7	<2
110653	3	24.3	17
110654	(N/S)	L.N.R.	L.N.R.
110655	(N/S)	L.N.R.	L.N.R.
110656	1	29.1	<2
110657	3	6.4	<2
110625 A	2	4.9	3
110632 A	3	189	3
C181	8	72.7	7
*Dup A101	36	60.7	30
*Dup 110601	5	106	28
*Dup 110613	3	30.0	<2
*Dup 110625	11	9.7	<2
*Dup 110637	7	43.5	2
*Dup 110649	<1	72.4	<2

SOIL SAMPLING PROGRAM - 1997.

E-Minerals Expl. Corp.
Clarendon Twp. Property

XRAL XRAL Laboratories
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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Units	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5
	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C-001	<1	0.5	0.02	1.77	2.56	0.05	0.15	1.48	16.8	0.11	141	44	442	5.63	28	29	43.6	541	158	9.5	51.8	2.5	<1	0.4	2	<10	5	84	63.2	<10	44	<5
C-002	<1	0.6	0.02	1.44	2.60	0.10	0.18	0.38	10.6	0.16	107	28	1180	5.26	26	24	41.2	131	69	9.0	26.5	3.8	<1	<0.2	<1	<10	<5	178	23.6	<10	16	<5
C-003	<1	0.7	0.05	2.54	2.92	0.06	0.07	0.85	4.9	0.15	54	25	1730	3.20	12	13	18.8	124	<3	22.5	10.7	2.3	<1	<0.2	<1	<10	<5	181	15.0	<10	12	<5
C-004	<1	<0.5	0.02	1.83	2.73	0.12	1.21	0.62	7.8	0.41	178	17	1200	5.88	26	12	55.1	201	<3	9.4	22.9	1.7	<1	<0.2	1	<10	<5	334	23.7	<10	11	<5
C-005	<1	<0.5	0.02	1.35	2.37	0.09	0.54	0.70	7.9	0.23	95	24	1360	4.57	24	21	43.1	141	35	12.5	30.1	3.8	<1	<0.2	<1	<10	<5	269	29.9	<10	11	<5
C-006	<1	<0.5	0.01	1.82	3.38	0.11	0.71	0.42	12.8	0.38	202	23	1070	6.09	21	15	50.2	241	35	7.4	10.8	1.8	<1	<0.2	1	<10	<5	184	15.6	<10	9	<5
C-007	<1	<0.5	0.01	0.45	0.96	0.03	0.06	0.27	3.3	0.11	131	64	72	2.89	5	12	5.9	66.7	<3	4.7	1.6	0.8	<1	<0.2	<1	<10	<5	41	5.3	<10	<2	<5
C-008	<1	0.5	0.04	0.92	1.60	0.10	0.14	1.13	7.0	0.12	64	36	494	2.57	12	18	25.9	70.0	<3	24.7	22.4	13.3	<1	<0.2	<1	<10	<5	229	27.6	<10	7	<5
C-009	<1	0.5	0.04	0.86	1.44	0.10	0.11	1.82	6.5	0.11	51	32	482	2.44	9	15	24.4	49.2	<3	30.8	23.4	10.7	<1	<0.2	<1	<10	<5	173	24.7	<10	5	<5
C-010	<1	0.5	0.02	0.89	2.20	0.05	0.05	0.40	9.5	0.11	55	50	269	2.64	17	32	55.0	74.3	<3	9.2	26.4	2.5	<1	<0.2	<1	<10	<5	166	25.5	<10	5	<5
C-011	<1	<0.5	0.02	0.43	1.66	0.06	0.05	0.28	3.2	0.11	58	28	281	2.90	9	16	23.0	45.0	<3	9.0	11.5	2.4	<1	<0.2	<1	<10	<5	117	14.5	<10	8	<5
C-012	2	0.9	0.02	1.07	4.06	0.09	0.10	0.33	9.8	0.17	114	69	2140	5.19	25	37	21.0	252	<3	8.7	17.1	3.2	<1	<0.2	<1	<10	<5	250	18.9	<10	7	<5
C-013	<1	<0.5	0.02	0.56	1.72	0.06	0.05	0.20	3.4	0.11	52	27	162	2.91	10	18	21.7	49.3	<3	5.2	11.0	1.7	<1	<0.2	<1	<10	<5	98	13.9	<10	9	<5
C-014	4	<0.5	0.02	0.61	1.74	0.04	0.07	0.28	3.3	0.11	44	27	246	2.32	10	15	13.5	66.8	<3	8.2	6.8	2.1	<1	<0.2	<1	<10	<5	91	9.1	<10	4	<5
C-015	2	<0.5	0.01	1.11	1.58	0.08	0.03	0.53	6.3	0.06	38	44	784	1.63	19	46	3.4	141	<3	14.8	8.4	0.5	<1	<0.2	<1	<10	<5	71	13.5	<10	8	<5
C-016	<1	<0.5	0.01	1.16	1.65	0.11	0.03	0.41	12.8	0.11	79	95	927	3.20	19	41	4.1	95.9	<3	7.5	7.8	1.2	<1	<0.2	<1	<10	<5	85	14.8	<10	6	<5
C-017	<1	<0.5	0.02	1.06	2.34	0.11	0.09	0.55	10.3	0.15	79	81	211	3.57	11	21	23.3	106	<3	11.1	15.2	4.1	<1	<0.2	<1	<10	<5	168	20.0	<10	7	<5
C-018	<1	0.5	0.02	0.94	2.05	0.08	0.07	0.44	3.4	0.10	57	24	318	2.70	11	13	15.0	73.0	<3	9.6	6.0	1.6	<1	<0.2	<1	<10	<5	89	10.6	<10	5	<5
C-019	<1	0.5	0.02	0.93	2.02	0.07	0.10	0.25	3.2	0.12	53	22	407	2.73	10	12	11.1	76.1	<3	5.8	6.4	1.9	<1	<0.2	<1	<10	<5	106	12.5	<10	3	<5
C-020	<1	<0.5	0.02	1.83	2.17	0.06	0.13	0.55	3.5	0.12	57	21	1420	2.89	12	13	11.5	105	<3	10.1	7.3	2.1	<1	0.3	<1	<10	<5	215	11.3	<10	10	<5
C-021	<1	<0.5	0.01	2.48	2.96	0.10	0.32	0.70	9.9	0.17	89	21	2150	4.86	19	20	26.6	164	189	13.6	22.9	3.0	2	0.8	1	<10	7	231	24.3	<10	65	<5
C-022	<1	0.5	0.01	3.39	3.29	0.09	0.08	0.53	5.6	0.10	50	22	1000	2.76	11	16	18.0	197	65	7.0	9.2	3.3	<1	0.3	<1	<10	<5	254	12.9	<10	34	<5
C-023	<1	<0.5	0.01	9.92	0.33	0.04	<0.01	15.9	0.6	<0.01	9	7	687	1.31	4	<1	3.4	36.0	15	44.2	1.5	<0.5	<1	<0.2	<1	<10	<5	26	2.6	<10	5	<5
C-024	<1	0.5	0.02	1.17	2.55	0.06	0.05	0.61	11.9	0.11	105	57	1220	5.54	25	28	45.7	520	295	7.2	23.6	3.3	<1	0.2	1	<10	<5	88	22.7	<10	34	<5
C-025	7	<0.5	0.02	1.39	1.55	0.04	0.05	2.51	8.1	0.03	35	71	123	2.16	13	37	28.3	367	79	26.2	20.6	1.5	<1	0.6	<1	<10	<5	308	18.4	<10	77	<5
C-026	7	<0.5	0.02	0.74	1.77	0.06	0.04	0.76	12.8	0.14	121	19	231	4.99	22	21	62.0	283	99	13.1	24.8	2.7	2	1.5	<1	<10	10	98	22.2	<10	76	<5
C-027	4	0.7	0.09	2.46	3.68	0.07	0.04	0.96	12.7	0.14	109	159	823	4.48	26	48	44.2	178	152	15.5	20.8	6.3	<1	0.2	<1	<10	<5	62	21.1	<10	15	<5
C-028	1	0.6	0.02	1.26	2.57	0.07	0.08	0.32	10.2	0.14	103	78	925	5.37	20	33	23.4	214	47	5.6	18.8	3.8	<1	0.2	<1	<10	<5	77	20.2	<10	16	<5
C-029	3	0.6	0.01	2.18	2.94	0.16	0.05	0.64	13.1	0.07	143	79	5960	12.4	51	28	12.5	547	72	7.7	19.8	2.7	<1	0.6	5	<10	<5	216	30.0	<10	35	<5
C-030	2	0.7	0.03	1.90	2.82	0.09	0.17	0.92	8.9	0.12	69	38	3090	4.76	34	25	22.8	119	75	16.2	20.5	3.8	1	0.2	<1	<10	<5	443	26.4	<10	17	<5

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Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm
C-031	<1	0.7	0.02	1.57	2.68	0.24	0.04	1.14	5.2	0.04	75	40	401	3.33	16	18	11.4	178	134	14.3	4.0	1.4	2	<0.2	<1	<10	<5	**	10.4	<10	26	<5
C-032	1	<0.5	0.02	2.12	2.67	0.14	0.13	1.04	6.1	0.13	92	30	1500	3.75	14	18	21.9	191	60	18.7	8.3	1.4	<1	<0.2	<1	<10	<5	220	13.2	<10	44	<5
C-033	<1	<0.5	0.02	0.70	1.92	0.05	0.07	0.22	3.4	0.12	61	25	195	2.73	11	15	13.5	82.1	<3	6.2	4.6	1.9	<1	<0.2	<1	<10	<5	95	8.6	<10	5	<5
C-034	1	<0.5	0.02	1.21	2.04	0.08	0.13	0.43	4.0	0.11	56	25	1410	3.00	11	11	15.0	124	<3	8.2	7.9	0.7	<1	<0.2	<1	<10	<5	190	11.4	<10	9	<5
C-035	<1	<0.5	0.02	0.88	2.04	0.14	0.10	0.52	3.5	0.11	57	34	332	3.20	10	10	9.9	159	<3	12.0	5.1	1.0	<1	<0.2	<1	<10	<5	118	11.7	<10	4	<5
C-036	2	<0.5	0.02	0.71	2.19	0.14	0.09	0.30	4.7	0.07	102	59	2170	4.87	17	20	21.8	141	<3	7.3	6.8	<0.5	<1	<0.2	<1	<10	<5	111	13.0	<10	11	<5
C-037	<1	<0.5	0.01	0.82	1.31	0.08	0.02	0.40	3.4	0.06	33	41	1250	1.85	17	33	10.1	86.2	<3	8.2	3.8	0.9	<1	<0.2	<1	<10	<5	100	9.2	<10	7	<5
C-038	<1	<0.5	0.02	0.46	1.37	0.04	0.05	0.38	2.4	0.12	57	30	209	3.10	8	12	8.5	109	<3	11.1	3.8	1.1	<1	<0.2	<1	<10	<5	57	7.7	<10	7	<5
C-039	<1	<0.5	0.02	0.99	1.96	0.07	0.03	0.27	3.6	0.06	33	43	530	2.02	18	40	7.1	121	<3	8.7	5.0	1.1	<1	<0.2	<1	<10	<5	55	10.9	<10	9	<5
C-040	<1	<0.5	0.02	0.21	0.46	0.05	0.03	0.32	1.1	0.06	71	59	759	2.06	5	6	8.4	37.7	<3	8.7	1.7	<0.5	<1	<0.2	<1	<10	<5	138	8.7	<10	8	<5
C-041	<1	<0.5	0.02	0.51	1.33	0.06	0.03	0.14	2.6	0.09	58	43	109	2.96	10	19	31.1	69.0	5	3.7	6.9	1.9	1	0.3	<1	<10	<5	44	10.9	<10	4	<5
C-042	1	<0.5	0.01	2.38	2.25	0.09	0.08	0.60	2.3	0.05	59	21	2620	3.48	13	11	10.3	258	90	10.7	2.7	2.8	<1	<0.2	<1	<10	<5	165	9.3	<10	38	<5
C-043	4	<0.5	0.02	0.89	1.65	0.04	0.17	0.32	2.9	0.18	97	18	446	3.66	15	10	8.9	110	4	7.3	3.1	0.8	<1	<0.2	<1	<10	<5	114	6.1	<10	7	<5
C-044	4	0.8	0.02	1.28	2.15	0.13	0.08	0.82	8.5	0.08	50	32	245	3.49	15	45	122	104	112	13.2	26.1	4.7	<1	0.5	<1	<10	<5	388	33.0	<10	19	<5
C-045	2	<0.5	0.02	0.53	1.58	0.02	0.08	0.23	3.2	0.14	43	21	196	2.40	10	11	10.5	51.0	<3	6.1	4.9	2.1	<1	<0.2	<1	<10	<5	58	8.4	<10	7	<5
C-046	<1	0.6	0.02	0.47	2.92	0.11	0.26	0.34	11.3	0.13	225	82	1510	4.65	12	12	6.6	180	<3	8.8	8.1	<0.5	1	<0.2	<1	<10	<5	127	12.2	<10	25	<5
C-047	<1	<0.5	0.02	0.56	1.54	0.06	0.05	0.13	3.1	0.11	57	23	145	2.43	6	11	5.3	235	<3	3.6	4.0	1.4	<1	0.3	<1	<10	<5	69	7.6	<10	13	<5
C-048	5	<0.5	0.02	1.03	2.04	0.07	0.07	0.28	17.0	0.14	170	34	1580	7.51	26	22	53.2	134	10	4.4	34.0	3.6	1	<0.2	1	<10	<5	69	29.1	<10	13	<5
C-049	3	<0.5	0.03	2.05	0.81	0.05	0.04	14.8	4.3	0.03	34	16	1610	3.71	10	8	22.2	171	119	70.0	19.0	0.9	<1	0.7	1	<10	<5	45	11.6	<10	16	<5
C-050	5	<0.5	0.02	7.30	0.87	0.05	0.03	11.3	5.7	0.03	60	18	1600	3.57	10	8	11.8	100	52	38.2	8.4	1.9	<1	0.2	1	<10	<5	42	9.1	<10	8	<5
C-051	2	<0.5	0.01	3.08	0.54	0.09	0.03	5.18	3.2	0.01	36	13	1740	3.21	7	4	10.0	184	6	14.7	3.7	<0.5	<1	0.4	1	<10	<5	58	6.1	<10	31	<5
C-052	1	<0.5	0.01	9.55	0.54	0.03	<0.01	15.1	10.7	0.01	59	5	1050	3.06	7	4	10.0	37.1	23	26.9	7.4	1.6	<1	0.4	<1	<10	<5	11	6.4	<10	2	<5
C-053	7	<0.5	0.02	2.43	2.60	0.07	0.04	1.01	9.9	0.15	114	37	1130	6.93	27	26	38.9	163	<3	5.6	19.2	4.7	<1	0.4	1	<10	<5	74	25.2	<10	12	<5
C-054	2	0.6	0.04	0.97	1.90	0.08	0.34	0.73	7.5	0.15	67	38	521	3.25	12	20	22.1	61.5	<3	17.4	21.8	12.8	<1	<0.2	<1	<10	<5	186	26.2	<10	6	<5
C-055	1	0.7	0.04	1.06	2.10	0.13	0.32	0.91	7.8	0.16	72	41	287	2.94	13	22	29.3	108	<3	22.2	21.6	11.9	2	<0.2	<1	<10	<5	294	27.9	<10	5	<5
C-056	1	<0.5	0.02	1.95	0.92	0.06	0.04	15.0	4.6	0.04	38	17	1720	3.95	12	9	24.2	187	156	69.8	20.5	1.6	<1	0.5	2	<10	<5	50	12.7	<10	20	<5
C-057	<1	<0.5	0.04	1.14	1.67	0.09	0.31	1.24	7.4	0.14	62	43	513	2.95	13	21	29.4	78.9	<3	43.5	19.6	11.2	<1	<0.2	<1	<10	<5	274	24.9	<10	6	<5
C-058	2	<0.5	0.02	0.44	0.63	0.05	0.04	0.24	1.4	0.08	80	44	112	1.80	4	10	6.7	35.1	<3	5.4	1.8	3.2	<1	<0.2	<1	<10	<5	31	10.8	<10	3	<5
C-059	<1	<0.5	0.02	0.65	1.64	0.05	0.10	0.42	5.6	0.10	52	40	1020	2.59	12	19	24.4	89.2	<3	11.2	19.0	3.2	<1	<0.2	<1	<10	<5	160	22.9	<10	7	<5
C-060	1	0.5	0.02	0.48	1.78	0.06	0.08	0.25	2.7	0.09	48	26	276	2.76	10	13	13.0	66.5	<3	7.0	7.4	1.9	<1	<0.2	<1	<10	<5	78	10.7	<10	7	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Units	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	1	0.5	10	2	5	
	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
C-061	<1	<0.5	0.02	0.40	0.83	0.02	0.03	0.18	1.2	0.11	43	15	112	1.60	4	5	6.5	39.1	<3	4.8	1.8	1.2	<1	<0.2	<1	<10	<5	39	5.4	<10	6	<5
C-062	<1	<0.5	0.02	0.51	1.66	0.04	0.04	0.27	2.2	0.10	44	24	225	2.19	9	13	10.9	52.3	<3	7.3	5.2	2.3	<1	<0.2	<1	<10	<5	77	8.8	<10	4	<5
C-063	<1	0.6	0.03	1.01	2.26	0.08	0.07	0.65	4.4	0.07	44	40	1130	3.34	18	30	7.2	187	<3	16.6	9.8	0.8	<1	<0.2	<1	<10	<5	111	14.3	<10	14	<5
C-064	<1	<0.5	0.02	1.82	2.13	0.09	0.02	0.65	6.5	0.17	85	175	201	3.18	20	50	4.7	73.8	<3	10.1	5.5	0.7	<1	<0.2	<1	<10	<5	30	12.7	<10	<2	<5
C-065	<1	<0.5	0.03	0.87	1.43	0.10	0.26	0.64	7.4	0.11	60	37	433	2.78	12	19	40.0	74.4	<3	17.1	31.4	6.8	<1	<0.2	<1	<10	<5	161	34.6	<10	7	<5
C-066	<1	0.5	0.05	1.17	1.48	0.10	0.33	2.14	6.7	0.14	58	35	337	2.62	11	18	34.0	64.8	<3	39.1	24.8	11.8	<1	<0.2	<1	<10	<5	173	29.9	<10	4	<5
C-067	2	0.6	0.05	1.19	1.78	0.10	0.39	1.35	7.6	0.15	63	39	359	3.08	12	21	32.0	81.2	<3	31.2	22.7	13.5	<1	<0.2	<1	<10	<5	230	28.9	<10	7	<5
C-068	<1	0.7	0.04	1.07	2.19	0.10	0.37	0.73	8.3	0.17	73	46	389	3.50	13	23	27.8	87.3	<3	23.7	22.9	13.0	<1	<0.2	<1	<10	<5	271	28.6	<10	7	<5
C-069	<1	<0.5	0.03	0.77	2.65	0.15	0.56	1.46	16.8	0.17	189	39	6940	7.18	47	16	18.1	411	49	25.5	41.0	1.4	3	<0.2	2	<10	<5	476	42.4	<10	44	<5
C-070	<1	1.1	0.02	5.60	4.41	0.43	0.05	2.31	12.6	0.06	76	38	2510	6.88	24	15	13.3	219	68	15.2	45.0	4.4	2	<0.2	1	<10	<5	188	50.1	<10	12	<5
C-071	<1	<0.5	0.02	1.63	2.90	0.12	0.37	0.53	14.8	0.21	306	66	568	6.05	33	27	17.6	170	<3	4.0	13.5	<0.5	<1	<0.2	<1	<10	<5	74	14.2	<10	6	<5
C-072	<1	<0.5	0.01	2.04	1.73	0.08	0.04	1.93	11.0	0.06	125	22	4950	8.67	18	6	12.1	228	9	7.8	19.2	3.6	<1	<0.2	2	<10	<5	157	21.7	<10	15	<5
C-073	2	<0.5	0.02	1.51	2.29	0.11	0.06	1.11	19.9	0.13	159	45	199	4.95	26	32	62.8	713	110	12.7	27.5	4.1	<1	0.3	<1	<10	<5	98	17.7	<10	31	<5
C-074	2	0.7	0.03	0.56	1.97	0.04	0.04	0.45	3.2	0.04	50	14	316	3.73	14	13	23.6	54.7	364	10.0	4.7	2.6	2	0.4	<1	<10	<5	42	10.8	<10	13	<5
C-075	6	<0.5	0.02	1.13	0.35	0.02	0.02	22.6	2.4	0.01	14	4	1100	1.85	6	4	26.4	161	57	177	4.9	0.5	2	0.8	<1	<10	5	26	6.0	<10	115	<5
C-076	2	<0.5	0.01	0.74	1.34	0.13	0.05	3.98	4.8	0.02	48	18	4600	5.21	14	9	27.9	548	124	19.0	26.9	0.7	3	1.4	3	<10	<5	180	27.1	<10	69	<5
C-077	3	<0.5	0.02	0.73	1.58	0.15	0.05	1.69	5.8	0.02	47	20	6420	4.60	19	6	52.7	739	57	13.3	22.1	0.7	2	2.8	2	<10	9	200	24.7	<10	80	<5
C-078	2	<0.5	0.01	8.78	0.69	0.04	0.03	13.7	2.9	0.02	30	8	820	2.04	5	4	5.4	65.4	8	21.2	6.7	1.1	<1	<0.2	<1	<10	<5	27	6.9	<10	8	<5
C-079	1	0.6	0.02	4.78	3.23	0.18	0.04	2.44	9.9	0.09	118	43	2680	6.35	27	30	13.6	298	19	13.2	13.8	4.0	<1	0.3	2	<10	<5	148	16.1	<10	15	<5
C-080	2	<0.5	0.02	1.96	3.91	0.13	0.34	0.54	17.6	0.24	258	56	602	6.20	25	23	17.4	232	8	7.0	12.6	1.3	<1	<0.2	1	<10	<5	130	17.2	<10	9	<5
C-081	2	0.5	0.01	1.75	2.10	0.10	0.03	0.75	2.0	0.07	34	21	1430	2.84	10	13	7.7	168	76	8.6	3.0	2.2	<1	<0.2	<1	<10	<5	75	7.0	<10	19	<5
C-082	1	0.8	0.02	2.26	2.73	0.11	0.06	1.30	5.0	0.14	49	29	930	3.09	14	20	46.4	130	<3	17.5	28.5	1.4	<1	0.3	1	<10	<5	272	37.9	<10	17	<5
C-083	1	<0.5	0.01	1.71	2.23	0.12	0.19	0.58	9.0	0.12	111	25	623	4.10	18	16	28.0	128	185	8.7	11.7	2.8	<1	<0.2	<1	<10	<5	114	16.4	<10	23	<5
C-084	8	0.8	0.02	0.82	3.00	0.20	0.11	1.71	13.3	0.04	93	70	8260	4.59	20	18	60.6	264	<3	36.0	112	1.5	<1	<0.2	2	<10	<5	500	84.4	<10	13	<5
C-085	1	<0.5	0.02	0.36	1.07	0.19	0.06	1.52	7.8	0.02	32	22	2020	1.37	10	7	70.8	34.8	<3	25.0	77.6	1.4	<1	<0.2	<1	<10	<5	164	77.1	<10	9	<5
C-086	3	0.5	0.02	0.77	2.03	0.06	0.09	0.96	8.2	0.09	53	47	598	3.11	17	22	25.8	126	<3	19.6	30.8	2.6	<1	<0.2	<1	<10	<5	180	28.9	<10	14	<5
C-087	<1	0.6	0.04	0.62	1.72	0.10	0.10	0.77	3.1	0.04	39	33	943	2.81	12	17	12.1	104	<3	17.6	5.8	1.3	<1	<0.2	<1	<10	<5	109	9.8	<10	32	<5
C-088	4	<0.5	0.02	0.47	1.79	0.08	0.06	0.28	3.4	0.06	55	39	433	3.59	13	17	18.4	96.3	<3	6.8	3.9	0.7	<1	0.3	<1	<10	<5	53	9.5	<10	12	<5
C-089	2	<0.5	0.05	1.02	2.83	0.12	0.06	0.69	5.8	0.11	172	23	327	4.21	28	17	51.2	103	<3	17.0	10.1	<0.5	<1	<0.2	<1	<10	<5	86	11.4	<10	8	<5
C-090	<1	<0.5	0.02	0.84	1.94	0.05	0.12	0.29	3.6	0.15	60	28	317	3.84	15	17	17.3	122	<3	7.5	4.9	1.5	<1	<0.2	<1	<10	<5	117	9.1	<10	5	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70		
Units	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
C-091	4	<0.5	0.02	0.74	1.78	0.07	0.05	0.28	3.2	0.11	52	30	328	3.31	11	15	12.2	83.8	<3	6.6	5.2	0.9	<1	<0.2	<1	<10	<5	102	11.0	<10	6	<5	
C-092	<1	<0.5	0.01	0.65	1.26	0.08	0.09	0.30	3.6	0.10	78	84	522	2.97	13	23	5.7	88.9	<3	6.3	3.0	0.7	<1	<0.2	<1	<10	<5	89	9.2	<10	5	<5	
C-093	<1	<0.5	0.02	2.11	3.36	0.11	0.09	0.46	8.9	0.18	145	24	815	4.88	23	17	25.8	134	<3	9.9	10.6	1.3	<1	<0.2	<1	<10	<5	104	15.1	<10	12	<5	
C-094	<1	<0.5	0.02	0.67	1.84	0.06	0.09	0.22	3.5	0.12	64	32	312	3.07	14	18	21.2	89.7	<3	5.5	5.9	1.7	<1	<0.2	<1	<10	<5	96	10.5	<10	6	<5	
C-095	1	<0.5	0.03	1.49	2.52	0.16	0.60	0.83	5.6	0.19	160	22	482	6.53	40	20	47.0	130	<3	10.5	17.0	1.2	<1	<0.2	1	<10	<5	334	19.5	<10	6	<5	
C-096	<1	<0.5	0.02	1.15	2.07	0.09	0.23	0.40	5.9	0.16	80	46	642	3.44	14	21	8.3	101	<3	6.3	5.8	1.4	<1	<0.2	<1	<10	<5	102	11.9	<10	2	<5	
C-097	1	0.5	0.02	0.89	2.88	0.08	0.28	0.35	7.6	0.24	112	57	362	4.52	17	24	20.3	199	<3	6.0	8.0	1.3	<1	<0.2	<1	<10	<5	109	13.4	<10	6	<5	
C-098	<1	<0.5	0.01	6.77	0.34	0.05	<0.01	12.5	2.2	0.02	29	5	2210	4.78	7	4	16.3	113	<3	103	11.1	<0.5	<1	0.3	2	<10	<5	37	9.2	<10	5	<5	
C-099	2	<0.5	0.02	7.10	1.09	0.12	0.03	10.7	3.5	0.02	49	12	3670	5.74	13	<1	9.6	397	15	22.7	9.0	<0.5	<1	0.3	3	<10	<5	127	12.1	<10	33	<5	
C-100	<1	<0.5	0.01	9.35	0.57	0.06	0.01	14.5	2.6	0.02	24	7	992	1.73	5	3	2.8	62.1	<3	40.1	3.8	<0.5	<1	0.2	<1	<10	<5	35	3.5	<10	5	<5	
C-101	<1	<0.5	0.02	1.60	2.79	0.13	0.36	0.79	20.0	0.20	288	55	547	5.37	39	26	22.2	143	173	6.8	14.4	1.0	<1	<0.2	1	<10	<5	108	13.0	<10	4	<5	
C-102	<1	<0.5	0.02	0.65	0.86	0.17	0.04	10.1	4.2	0.01	28	32	4370	5.31	18	17	33.0	349	81	72.0	30.1	<0.5	4	0.4	3	<10	<5	127	26.7	<10	86	<5	
C-103	3	<0.5	0.02	2.79	1.59	0.04	0.06	11.7	3.0	0.08	55	17	1370	3.20	9	5	12.4	85.3	<3	87.0	5.5	1.0	2	0.3	<1	<10	<5	39	8.7	<10	17	<5	
C-104	4	0.6	0.01	1.14	2.14	0.05	0.04	0.41	5.4	0.07	63	46	929	5.43	16	24	12.6	297	243	7.6	10.7	4.9	4	0.8	<1	<10	<5	6	52	17.1	<10	31	<5
C-105	9	0.6	0.02	1.24	2.92	0.04	0.26	0.77	13.2	0.14	142	28	282	6.06	33	30	60.2	105	355	12.4	47.2	11.6	1	0.8	1	<10	<5	244	29.9	<10	17	<5	
C-106	2	<0.5	0.01	2.94	1.50	0.03	0.51	19.9	1.5	0.04	22	11	640	1.17	2	4	5.3	160	4	175	4.0	1.3	<1	1.4	<1	<10	<5	9	32	5.8	<10	61	<5
C-107	1	0.6	0.03	1.94	3.87	0.06	0.13	0.51	16.7	0.20	214	89	983	5.88	28	33	38.5	264	82	7.1	13.0	1.9	5	0.3	1	<10	<5	106	15.4	<10	49	<5	
C-108	1	0.6	0.03	1.26	3.11	0.08	0.14	0.62	11.2	0.25	212	44	1720	5.98	26	12	44.7	149	27	10.6	8.1	2.8	1	<0.2	1	<10	<5	135	12.6	<10	15	<5	
C-109	8	0.7	0.04	1.03	3.20	0.09	0.07	0.99	10.4	0.06	78	42	796	8.63	51	51	50.3	114	218	10.2	21.6	3.4	<1	0.5	2	<10	<5	71	28.5	<10	30	<5	
C-110	2	1.1	0.02	2.43	4.26	0.12	0.05	0.98	12.2	0.13	171	45	1970	6.78	41	27	37.1	147	11	7.8	18.9	1.6	<1	0.2	1	<10	<5	89	21.9	<10	16	<5	
C-111	1	0.7	0.03	3.90	1.64	0.15	0.06	5.00	6.4	0.06	68	27	1160	4.25	12	14	14.0	72.1	6	15.9	23.8	3.5	<1	<0.2	<1	<10	<5	90	28.3	<10	7	<5	
C-112	2	<0.5	0.03	0.89	2.52	0.07	0.10	0.45	3.8	0.13	64	35	269	3.30	12	21	22.2	79.2	<3	10.9	7.4	2.6	<1	<0.2	<1	<10	<5	110	12.6	<10	6	<5	
C-113	<1	<0.5	0.02	0.68	1.59	0.09	0.04	0.40	2.4	0.07	37	21	287	2.63	10	16	9.0	121	64	7.3	4.8	1.5	<1	<0.2	<1	<10	<5	57	10.1	<10	20	<5	
C-114	4	0.6	0.03	2.06	3.12	0.20	0.10	0.68	12.3	0.16	192	32	1560	7.60	25	17	50.6	148	13	13.5	24.6	3.4	1	<0.2	2	<10	<5	170	23.9	<10	11	<5	
C-115	1	<0.5	0.02	1.50	2.65	0.07	0.38	0.36	10.0	0.21	166	33	581	4.77	26	19	55.1	131	<3	7.9	9.8	1.4	<1	<0.2	<1	<10	<5	175	21.2	<10	6	<5	
C-116	1	0.5	0.02	2.68	5.23	0.08	0.47	0.97	17.0	0.36	232	87	806	6.85	37	38	55.6	169	<3	26.6	8.2	0.9	<1	<0.2	2	<10	<5	316	13.7	<10	5	<5	
C-117	<1	<0.5	0.02	0.82	1.90	0.08	0.02	0.45	5.9	0.11	108	57	115	3.25	17	19	14.5	67.7	<3	12.1	6.0	0.7	<1	<0.2	<1	<10	<5	109	15.8	<10	2	<5	
C-118	2	1.1	0.05	1.51	4.58	0.13	0.30	0.53	5.3	0.19	109	123	407	4.72	16	39	5.1	103	<3	18.9	4.0	<0.5	1	0.3	<1	<10	<5	268	11.4	<10	2	<5	
C-119	2	0.5	0.02	1.05	2.53	0.10	0.09	0.42	9.5	0.10	71	91	963	5.05	16	36	11.8	86.2	<3	7.2	11.4	2.5	<1	<0.2	<1	<10	<5	153	19.3	<10	15	<5	
C-120	<1	0.7	0.04	0.75	2.83	0.09	0.15	0.74	4.4	0.12	73	48	441	4.29	14	23	8.8	159	<3	17.1	5.5	0.9	<1	0.2	<1	<10	<5	106	10.9	<10	13	<5	

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ent. no.	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
101	4	<0.5	0.03	0.58	2.37	0.05	0.06	0.35	3.2	0.10	79	56	273	4.69	22	31	33.7	216	<3	10.0	2.9	0.6	<1	<0.2	<1	<10	<5	110	9.0	<10	29	<5
102	<1	0.5	0.05	0.79	2.46	0.09	0.33	0.77	5.5	0.10	64	33	2190	3.99	19	16	33.7	229	<3	16.6	6.8	1.2	<1	<0.2	<1	<10	<5	177	9.7	<10	43	<5
103	<1	<0.5	0.02	0.48	0.85	0.15	0.11	1.63	9.9	0.02	26	21	10040	5.16	20	9	56.5	82.8	<3	25.5	76.3	0.7	1	<0.2	2	<10	<5	351	63.7	<10	33	<5
104	<1	<0.5	0.02	0.63	1.86	0.02	0.06	0.19	3.7	0.13	57	43	384	2.85	10	19	8.3	86.1	<3	5.5	6.2	2.5	<1	<0.2	<1	<10	<5	72	11.5	<10	5	<5
105	5	<0.5	0.02	0.63	1.63	0.03	0.04	0.39	4.5	0.09	76	39	136	2.82	14	21	36.0	58.3	<3	10.1	13.0	1.1	<1	<0.2	<1	<10	<5	105	17.9	<10	6	<5
106	3	0.5	0.02	0.58	2.19	0.05	0.06	0.24	2.7	0.11	49	28	181	2.80	10	14	12.7	53.6	<3	6.4	6.4	2.4	<1	<0.2	<1	<10	<5	82	11.7	<10	5	<5
107	8	<0.5	0.02	1.05	2.19	0.11	0.22	0.25	2.6	0.17	152	14	278	4.88	18	7	17.9	131	<3	4.8	5.2	0.7	<1	<0.2	<1	<10	<5	153	10.6	<10	5	<5
108	<1	<0.5	0.02	1.17	2.39	0.11	0.36	0.24	5.7	0.22	150	17	543	4.92	24	10	45.1	146	<3	4.1	8.1	1.4	<1	<0.2	<1	<10	<5	197	17.3	<10	3	<5
109	3	<0.5	0.02	1.24	1.93	0.12	0.08	0.65	2.8	0.07	59	18	2370	3.18	16	13	13.0	195	67	10.6	4.0	1.0	<1	<0.2	<1	<10	<5	216	8.9	<10	21	<5
110	1	0.6	0.01	2.36	3.09	0.07	0.19	0.37	6.4	0.25	101	31	760	3.96	15	17	10.9	170	25	5.4	4.4	1.3	<1	<0.2	<1	<10	<5	97	9.0	<10	12	<5
111	<1	<0.5	0.03	1.55	2.30	0.11	0.19	0.81	9.0	0.16	121	35	915	4.31	25	25	30.7	133	17	10.0	19.9	2.9	<1	<0.2	<1	<10	<5	94	19.4	<10	8	<5
112	<1	0.7	0.01	3.07	1.59	0.19	0.04	4.67	1.5	0.02	66	15	2960	6.65	11	2	14.0	247	42	11.1	5.6	0.9	<1	<0.2	<1	<10	<5	110	12.5	<10	30	<5
113	1	<0.5	0.01	9.68	0.21	0.05	0.01	15.8	0.5	<0.01	8	3	1160	1.29	3	<1	4.3	61.3	54	31.0	1.4	<0.5	<1	0.2	<1	<10	<5	36	2.2	<10	15	<5
114	1	0.7	0.02	0.86	2.52	0.07	0.06	0.38	7.5	0.11	69	43	489	3.82	16	23	21.1	95.7	33	8.5	14.1	4.3	<1	<0.2	<1	<10	<5	96	20.1	<10	14	<5
115	3	<0.5	0.02	3.22	0.88	0.15	0.04	9.56	2.1	0.01	32	25	4850	3.84	16	28	22.9	404	48	51.1	9.8	0.5	<1	0.8	3	<10	<5	185	13.7	<10	50	<5
116	2	0.6	0.10	2.72	5.79	0.09	0.25	1.05	24.1	0.32	284	134	920	6.38	38	44	45.2	171	17	21.8	11.1	0.5	<1	<0.2	2	<10	<5	144	14.6	<10	10	<5
117	2	<0.5	0.03	1.86	2.51	0.04	0.07	1.29	4.2	0.11	80	29	1110	3.58	16	19	14.6	141	13	18.9	7.5	3.8	3	0.4	<1	<10	<5	101	11.5	<10	37	<5
118	3	0.5	0.02	1.38	2.39	0.13	0.29	1.81	11.6	0.07	123	51	4800	7.82	29	14	55.4	411	48	28.4	21.9	1.6	3	0.4	3	<10	<5	302	23.8	<10	39	<5
119	2	<0.5	0.02	0.92	2.83	0.07	0.81	0.90	20.9	0.32	292	35	464	6.87	22	20	27.3	92.9	<3	20.3	20.7	1.5	<1	<0.2	2	<10	<5	216	15.7	<10	9	<5
120	1	<0.5	0.02	0.90	1.85	0.07	0.39	0.79	6.0	0.13	81	38	1080	4.05	13	15	26.0	262	16	14.5	5.6	1.8	<1	0.2	<1	<10	<5	175	10.9	<10	8	<5
121	2	0.7	0.02	1.38	2.22	0.11	0.11	1.84	9.0	0.07	86	43	2510	7.05	23	20	36.3	241	26	13.7	26.5	2.8	<1	0.4	2	<10	<5	130	32.6	<10	49	<5
122	3	<0.5	0.01	7.87	1.02	0.21	0.02	11.8	1.2	0.02	28	10	3440	3.75	8	<1	10.7	259	9	23.9	6.4	0.6	<1	0.2	1	<10	<5	139	9.0	<10	12	<5
123	<1	<0.5	0.02	0.32	1.19	0.05	0.05	0.20	1.5	0.08	38	15	140	2.20	7	9	9.0	46.7	<3	5.4	4.7	1.1	<1	<0.2	<1	<10	<5	55	7.1	<10	5	<5
124	7	<0.5	0.01	0.97	1.61	0.12	0.07	0.36	2.9	0.12	48	28	323	2.58	12	15	6.2	84.2	34	4.4	2.0	1.0	<1	<0.2	<1	<10	<5	44	5.9	<10	8	<5
125	2	<0.5	0.02	0.99	1.91	0.09	0.09	0.76	3.1	0.11	87	27	727	3.81	15	14	13.9	151	21	12.6	5.0	1.2	<1	<0.2	<1	<10	<5	155	9.8	<10	22	<5
46	9	0.8	0.02	2.69	3.55	0.19	0.13	0.78	10.6	0.18	122	32	1770	6.59	29	20	80.4	220	265	10.9	19.9	4.1	1	0.2	1	<10	<5	116	20.6	<10	24	<5
47	1	<0.5	0.02	0.96	1.98	0.02	0.06	0.21	3.1	0.18	146	19	148	4.25	18	10	26.7	67.8	<3	4.1	2.7	<0.5	<1	<0.2	<1	<10	<5	49	6.4	<10	3	<5
48	<1	0.5	0.03	0.76	2.00	0.11	0.13	0.67	7.2	0.13	66	37	403	3.02	11	18	29.2	99.4	<3	17.7	25.3	6.6	<1	<0.2	<1	<10	<5	236	27.8	<10	6	<5
49	<1	0.6	0.03	1.03	2.39	0.09	0.11	0.62	10.0	0.16	90	56	145	3.62	19	34	69.0	82.8	<3	16.9	50.5	4.1	<1	<0.2	<1	<10	<5	161	50.2	<10	7	<5
50	<1	<0.5	0.03	0.67	1.77	0.05	0.14	0.39	3.8	0.12	51	29	571	2.47	9	13	17.5	48.2	<3	11.5	10.7	4.0	<1	<0.2	<1	<10	<5	195	16.0	<10	7	<5

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Element Method Det. Lim. Units	Au FA30/1 1 ppb	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm
C-151	<1	0.6	0.04	1.11	2.64	0.14	0.16	1.15	8.4	0.07	45	58	4150	3.38	21	34	10.7	164	<3	24.0	18.0	1.0	<1	<0.2	1	<10	<5	374	15.6	<10	13	<5
C-152	<1	0.5	0.10	1.67	3.38	0.12	0.11	0.83	5.0	0.13	69	35	164	3.85	16	26	27.4	168	<3	29.9	14.1	2.8	<1	<0.2	<1	<10	<5	99	21.3	<10	4	<5
C-153	<1	<0.5	0.02	0.17	0.59	0.11	0.05	1.65	1.2	0.01	20	11	332	0.80	7	6	21.4	127	3	40.5	5.4	0.8	2	0.2	1	<10	<5	254	10.2	<10	48	<5
C-154	<1	0.8	0.05	1.03	2.36	0.12	0.23	0.62	4.3	0.10	57	28	1720	3.22	15	14	32.3	119	<3	15.8	8.7	1.5	<1	0.3	<1	<10	<5	219	13.5	<10	15	<5
C-155	<1	0.6	0.03	0.64	2.57	0.08	0.07	0.31	4.4	0.08	51	35	575	3.61	11	19	11.3	82.1	<3	10.0	11.6	1.8	<1	<0.2	<1	<10	<5	167	15.3	<10	11	<5
C-156	<1	1.0	0.04	1.79	4.16	0.10	0.26	0.72	8.0	0.16	74	95	1220	4.22	26	56	14.2	103	<3	19.8	6.1	<0.5	<1	<0.2	<1	<10	<5	296	14.7	<10	7	<5
C-157	<1	<0.5	0.02	0.77	1.89	0.08	0.22	0.21	10.2	0.16	152	53	1030	4.94	20	20	18.1	128	<3	4.6	4.8	<0.5	<1	<0.2	1	<10	<5	153	9.0	<10	13	<5
C-158	<1	<0.5	0.02	0.72	1.85	0.08	0.21	0.47	5.3	0.15	99	20	561	4.77	13	9	22.6	117	<3	11.2	4.3	<0.5	<1	<0.2	1	<10	<5	152	9.5	<10	13	<5
C-159	<1	<0.5	0.02	1.89	2.53	0.11	0.92	0.98	13.0	0.19	136	19	1940	5.37	22	11	24.7	153	<3	16.4	16.5	1.4	<1	<0.2	2	<10	<5	351	22.7	<10	19	<5
C-160	<1	<0.5	0.02	1.65	3.07	0.13	0.78	0.60	13.2	0.26	195	31	1640	6.94	30	16	66.0	164	52	10.9	12.8	1.9	<1	<0.2	2	<10	<5	220	16.9	<10	24	<5
C-161	<1	0.7	0.05	1.25	2.22	0.10	0.53	0.95	8.4	0.18	71	44	361	3.35	15	26	46.9	99.9	<3	22.9	25.1	13.6	<1	<0.2	<1	<10	<5	267	29.8	<10	6	<5
C-162	<1	0.5	0.01	1.29	2.10	0.08	0.03	0.58	2.4	0.08	46	22	421	3.68	11	15	9.4	110	167	8.7	3.7	2.0	1	0.4	<1	<10	<5	36	9.1	<10	27	<5
C-163	3	0.5	0.02	1.78	3.33	0.12	0.11	0.51	7.0	0.21	164	45	1360	7.61	19	15	11.0	146	<3	8.2	4.7	2.0	1	<0.2	2	<10	<5	85	13.5	<10	11	<5
C-164	4	<0.5	0.02	0.85	2.34	0.09	0.08	0.95	9.2	0.10	111	31	3480	5.99	22	20	37.5	130	119	8.6	22.3	2.7	<1	0.8	2	<10	<5	192	24.3	<10	38	<5
C-165	4	<0.5	0.02	1.17	1.40	0.12	0.02	7.58	4.7	0.04	40	19	2560	3.76	16	15	23.9	369	95	32.1	11.7	1.0	6	1.0	2	<10	<5	86	16.7	<10	66	<5
C-166	3	<0.5	0.02	1.00	2.82	0.08	0.11	0.38	7.6	0.18	156	60	778	4.96	23	22	61.5	145	15	7.7	6.2	0.9	<1	<0.2	1	<10	<5	103	10.6	<10	11	<5
C-167	4	0.7	0.02	0.74	2.29	0.07	0.09	0.46	3.7	0.14	66	30	1330	4.22	16	19	18.2	152	<3	13.0	7.2	1.7	<1	0.3	<1	<10	<5	191	12.7	<10	13	<5
C-168	4	0.6	0.02	0.55	1.99	0.07	0.10	0.27	3.1	0.09	54	25	324	3.12	12	17	20.5	156	59	8.6	8.0	2.9	2	<0.2	<1	<10	<5	79	11.9	<10	19	<5
C-169	<1	<0.5	0.03	0.79	2.10	0.03	0.03	1.29	5.0	0.08	119	17	273	4.25	25	18	50.8	241	36	43.3	10.3	2.6	3	<0.2	<1	<10	<5	118	16.9	<10	14	<5
C-170	4	0.6	0.02	0.58	2.41	0.02	0.05	0.70	4.2	<0.01	67	9	386	3.24	12	11	25.3	70.1	203	24.5	6.4	7.6	<1	0.2	<1	<10	<5	131	6.9	<10	20	<5
*Dup C-001	2	<0.5	0.02	1.77	2.58	0.05	0.15	1.51	16.2	0.10	140	42	438	5.56	29	29	43.9	532	162	9.9	49.8	2.8	<1	0.2	<1	<10	<5	81	55.5	<10	43	<5
*Dup C-013	2	<0.5	0.02	0.56	1.71	0.06	0.05	0.20	3.3	0.11	51	26	165	2.81	10	16	21.3	48.4	<3	5.3	10.5	2.1	<1	<0.2	<1	<10	<5	94	13.8	<10	7	<5
*Dup C-025	9	<0.5	0.02	1.36	1.65	0.04	0.05	2.41	8.4	0.03	36	74	124	2.20	13	40	29.1	376	82	25.9	20.9	1.5	<1	0.8	<1	<10	<5	312	19.2	<10	76	<5
*Dup C-037	<1	<0.5	0.01	0.84	1.36	0.09	0.02	0.41	3.7	0.06	34	42	1260	1.88	17	33	10.2	88.2	<3	8.9	4.0	1.0	<1	<0.2	<1	<10	<5	103	9.7	<10	6	<5
*Dup C-049	1	<0.5	0.02	1.95	0.86	0.05	0.04	14.9	4.2	0.03	35	16	1640	3.70	11	8	22.3	175	125	69.8	19.2	1.3	<1	0.6	1	<10	<5	46	12.0	<10	17	<5
*Dup C-061	1	<0.5	0.02	0.42	0.88	0.02	0.04	0.19	1.2	0.11	44	16	119	1.62	4	6	6.6	40.9	<3	5.2	2.1	1.2	<1	<0.2	<1	<10	<5	40	6.1	<10	6	<5
*Dup C-073	2	<0.5	0.03	1.44	2.22	0.10	0.06	1.08	18.5	0.13	150	42	188	4.65	24	31	58.8	667	104	12.8	25.7	3.8	<1	<0.2	1	<10	<5	92	17.1	<10	29	<5
*Dup C-085	3	<0.5	0.02	0.39	1.09	0.20	0.06	1.52	8.6	0.02	35	23	2030	1.46	10	6	70.4	36.5	<3	24.8	77.3	1.2	<1	<0.2	<1	<10	<5	163	77.0	<10	10	<5
*Dup C-097	<1	<0.5	0.02	0.84	2.67	0.08	0.26	0.32	7.1	0.23	106	53	339	4.25	16	23	19.3	185	<3	5.4	7.1	1.3	<1	<0.2	1	<10	<5	102	12.2	<10	5	<5
*Dup C-109	10	0.8	0.04	1.07	3.34	0.09	0.07	1.01	10.8	0.06	81	45	852	9.04	53	54	53.0	120	230	10.4	22.7	4.1	<1	0.6	2	<10	<5	75	30.5	<10	31	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Units	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
*Dup C-121	3	<0.5	0.02	0.57	2.27	0.04	0.06	0.33	3.1	0.09	78	55	275	4.67	23	30	33.4	211	<3	9.4	2.7	1.3	<1	<0.2	<1	<10	<5	110	8.9	<10	29	<5
*Dup C-133	1	<0.5	0.01	9.83	0.23	0.05	0.01	15.9	<0.5	<0.01	9	3	1250	1.36	3	2	5.1	66.2	54	31.4	1.4	<0.5	<1	<0.2	<1	<10	<5	40	2.3	<10	14	<5
*Dup C-145	4	<0.5	0.02	0.97	1.87	0.09	0.09	0.75	3.1	0.11	86	26	718	3.76	16	14	13.8	148	24	12.3	5.1	1.4	<1	<0.2	<1	<10	<5	151	10.0	<10	21	<5
*Dup C-157	2	<0.5	0.02	0.78	1.91	0.08	0.22	0.22	10.4	0.16	155	53	1060	5.03	20	19	18.0	130	<3	4.6	4.8	<0.5	<1	<0.2	1	<10	<5	155	9.3	<10	12	<5
*Dup C-169	2	<0.5	0.03	0.77	2.09	0.03	0.03	1.28	5.2	0.08	119	18	276	4.19	24	19	49.5	240	37	42.6	10.4	2.8	2	<0.2	<1	<10	<5	116	16.6	<10	14	<5

E-Minerals Expl. Corp
Clarendon Twp. Proper

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Unit	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
126842	<1	0.8	0.02	1.74	2.53	0.06	0.29	0.35	8.1	0.21	102	39	1000	3.25	20	38	20.1	324	14	17.3	14.7	4.2	1	<0.2	<1	14	<5	246	40.5	<10	32	<5
126843	<1	0.6	0.02	0.49	2.15	0.04	0.04	0.09	3.2	0.10	44	20	113	2.62	7	13	6.8	50.3	30	3.8	5.8	3.2	<1	<0.2	<1	<10	<5	38	10.5	<10	11	<5
126844	3	<0.5	0.01	0.25	1.14	0.02	0.03	0.04	1.8	0.27	151	18	105	4.29	4	7	72.7	24.7	93	2.3	1.7	3.2	2	<0.2	<1	22	<5	21	4.2	<10	14	7
126845	<1	0.5	0.02	1.22	2.04	0.08	0.04	0.32	3.3	0.10	51	24	277	2.92	15	23	30.6	67.3	84	7.8	8.2	3.9	1	<0.2	<1	<10	<5	55	11.1	<10	13	<5
126846	<1	<0.5	0.02	0.23	0.49	0.10	0.04	0.27	1.4	0.04	21	9	201	1.01	3	5	4.6	20.8	<3	7.8	9.4	1.4	<1	<0.2	<1	<10	<5	19	14.0	<10	5	<5
126847	<1	0.5	0.03	0.94	1.66	0.07	0.16	0.45	6.8	0.11	30	22	745	2.63	10	16	19.1	69.9	19	16.7	29.3	4.7	<1	<0.2	<1	<10	<5	100	47.3	<10	13	<5
126848	5	0.6	0.02	2.15	2.96	0.08	1.47	0.21	11.4	0.36	140	46	1540	4.35	24	60	49.5	187	<3	7.1	22.0	3.6	<1	<0.2	<1	32	<5	1080	43.3	<10	20	<5
126849	7	<0.5	0.02	0.80	1.33	0.03	0.08	0.23	3.9	0.09	36	17	458	1.95	8	13	11.7	114	12	6.5	9.2	2.3	<1	<0.2	<1	<10	<5	53	14.7	<10	9	<5
126850	3	<0.5	0.09	0.84	1.84	0.09	0.29	0.77	8.5	0.13	83	23	465	2.56	13	16	29.9	44.2	57	53.1	17.4	3.2	<1	<0.2	<1	<10	<5	137	24.7	<10	7	<5
126851	4	<0.5	0.03	1.48	2.01	0.07	0.12	0.65	5.4	0.12	41	24	525	2.32	8	15	35.0	85.0	47	15.7	17.8	4.1	2	<0.2	<1	<10	<5	150	27.5	<10	12	<5
126852	<1	<0.5	0.02	0.39	0.79	0.09	0.10	0.28	2.6	0.08	32	13	229	1.51	5	7	7.5	21.9	3	9.7	9.9	2.0	<1	<0.2	<1	<10	<5	47	16.5	<10	5	<5
126853	3	<0.5	0.01	0.54	1.77	0.02	0.03	0.11	3.1	0.14	56	19	96	3.06	10	16	48.4	43.0	19	5.7	5.1	2.8	2	<0.2	<1	<10	<5	62	7.4	<10	9	<5
126854	1	<0.5	0.02	0.65	1.87	0.02	0.04	0.16	2.4	0.08	46	18	130	2.32	9	14	4.4	88.0	21	6.1	2.9	2.5	<1	<0.2	<1	<10	<5	56	5.7	<10	9	<5
126855	1	<0.5	0.02	0.90	1.80	0.08	0.06	0.28	3.0	0.10	44	21	277	2.31	9	16	15.6	49.7	51	9.3	7.8	2.9	<1	<0.2	<1	<10	<5	59	16.0	<10	8	<5
126856	3	0.5	0.02	0.67	1.98	0.09	0.08	0.21	3.9	0.11	51	23	352	2.65	10	18	28.1	64.2	33	6.5	11.2	3.0	1	<0.2	<1	<10	<5	81	23.6	<10	12	<5
126857	<1	0.7	0.01	2.00	2.27	0.04	0.10	0.21	4.4	0.10	181	37	347	3.64	15	52	37.3	555	<3	6.2	12.1	4.3	9	<0.2	<1	<10	<5	68	25.8	<10	58	<5
126858	2	<0.5	0.02	0.64	1.62	0.08	0.08	0.28	2.7	0.10	51	21	489	2.22	11	31	15.4	106	6	9.9	8.8	2.6	<1	<0.2	<1	<10	<5	81	16.8	<10	10	<5
126859	<1	<0.5	0.02	2.01	3.13	0.09	1.12	0.36	9.2	0.37	129	44	2110	4.13	26	55	41.9	108	<3	11.2	10.2	3.4	<1	<0.2	<1	31	<5	937	26.3	<10	13	<5
126860	<1	<0.5	0.02	0.46	1.33	0.08	0.05	0.25	2.9	0.07	48	17	559	2.07	8	20	22.0	63.4	11	9.8	10.8	2.5	<1	<0.2	<1	<10	<5	80	18.5	<10	8	<5
126861	<1	0.7	0.02	1.50	2.36	0.07	0.47	0.10	6.0	0.20	159	59	3810	4.89	31	42	28.0	431	32	12.5	9.1	4.9	3	<0.2	<1	17	<5	455	27.3	<10	50	<5
126862	<1	0.6	<0.01	1.92	2.08	0.06	0.22	0.20	6.1	0.10	233	37	630	4.01	16	57	57.2	175	<3	6.6	26.5	5.6	26	<0.2	<1	<10	<5	70	40.2	<10	17	<5
126863	<1	0.5	0.02	0.80	1.65	0.07	0.10	0.30	5.0	0.11	98	24	994	2.53	11	20	24.6	87.3	26	12.4	14.4	3.4	2	<0.2	<1	<10	<5	92	26.9	<10	12	<5
126864	<1	<0.5	0.02	0.39	1.48	0.07	0.04	0.20	1.9	0.07	36	14	228	1.79	6	13	7.2	72.1	5	7.4	6.8	1.8	1	<0.2	<1	<10	<5	46	11.4	<10	7	<5
126865	<1	<0.5	0.01	0.18	0.78	0.29	0.02	0.24	1.1	0.09	46	13	60	3.19	2	5	13.5	16.7	<3	9.7	3.6	2.1	2	<0.2	<1	<10	<5	42	7.7	<10	8	<5
126866	<1	<0.5	0.02	0.25	1.32	0.05	0.03	0.11	1.4	0.07	30	13	178	1.68	5	10	5.9	66.0	7	3.9	4.3	1.8	<1	<0.2	<1	<10	<5	37	6.9	<10	9	<5
126867	4	<0.5	0.02	0.30	1.70	0.04	0.04	0.14	1.8	0.09	34	15	149	2.07	6	11	11.7	57.0	<3	5.9	4.2	2.1	<1	<0.2	<1	<10	<5	57	6.8	<10	10	<5
126868	1	<0.5	0.03	0.52	0.79	0.09	0.07	0.75	3.6	0.06	27	13	313	1.59	6	10	19.7	25.9	3	18.3	22.9	2.4	1	<0.2	<1	<10	<5	53	33.2	<10	5	<5
126869	<1	<0.5	0.03	0.42	1.52	0.06	0.05	0.29	2.5	0.08	34	18	164	1.98	7	11	9.8	24.4	14	13.9	9.2	2.8	<1	<0.2	<1	<10	<5	87	9.5	<10	7	<5
126870	2	<0.5	0.02	0.40	1.07	0.10	0.06	0.34	2.1	0.06	32	17	272	1.61	6	10	7.5	36.5	13	11.0	10.8	1.8	<1	<0.2	<1	<10	<5	37	16.1	<10	8	<5
126871	7	<0.5	0.02	0.39	0.94	0.09	0.06	0.28	2.3	0.07	33	14	349	1.63	7	10	8.8	24.1	<3	9.1	10.8	2.3	<1	<0.2	<1	<10	<5	40	15.5	<10	6	<5

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Element Method Det. Lim. Unit	An FA30/1 1 ppb	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm		
126872	<1	<0.5	0.02	0.17	0.62	0.11	0.03	0.19	1.1	0.10	44	12	63	2.68																				
126873	<1	<0.5	0.02	0.45	1.22	0.10	0.04	0.27	2.1	0.07	32	15	146	1.55	7	5	8.5	21.0	6	6.8	3.9	2.2	<1	<0.2	<1	<10	<5	25	6.3	<10	7	<5		
126874	7	<0.5	0.03	1.64	1.85	0.05	0.02	0.44	10.9	0.16	457	38	1940	3.38	13	46	38.1	119	10	14.6	32.4	7.7	<1	<0.2	<1	<10	<5	44	17.3	<10	6	<5		
126875	2	0.7	0.01	1.68	2.47	0.05	0.07	0.15	5.4	0.10	167	33	1950	3.28	12	37	14.2	334	<3	9.1	12.8	3.1	4	<0.2	<1	<10	<5	105	28.3	<10	17	<5		
126876	3	0.6	0.01	0.69	1.94	0.08	0.05	0.21	2.7	0.09	65	29	1530	3.12	13	29	12.0	470	21	11.0	6.4	2.3	2	<0.2	<1	<10	<5	137	19.2	<10	20	<5		
126877	<1	0.9	0.01	1.53	2.95	0.07	0.27	0.22	7.8	0.23	151	52	1780	3.57	18	34	16.4	223	11	17.3	9.7	3.0	2	<0.2	<1	18	<5	308	22.1	<10	21	<5		
126878	<1	0.7	0.02	0.59	1.83	0.08	0.04	0.32	3.6	0.09	49	23	630	3.24	11	26	8.1	694	<3	33.2	15.1	3.4	<1	<0.2	<1	<10	<5	131	18.4	<10	87	<5		
126879	<1	0.8	0.01	1.53	2.94	0.05	0.40	0.23	6.6	0.29	106	43	1790	3.76	19	35	13.8	939	4	15.8	5.4	3.0	2	<0.2	<1	23	<5	507	17.0	<10	50	<5		
126880	1	0.5	0.01	1.21	2.06	0.03	0.05	0.13	4.4	0.10	64	37	373	2.92	8	21	9.2	328	11	7.2	3.7	2.3	2	<0.2	<1	<10	<5	107	11.2	<10	12	<5		
126881	<1	0.6	0.01	1.54	1.99	0.04	0.11	0.17	5.2	0.09	159	32	583	3.03	12	33	23.2	162	<3	8.0	15.5	4.4	10	<0.2	<1	<10	<5	81	22.3	<10	14	<5		
126882	<1	<0.5	0.02	0.31	1.16	0.05	0.03	0.12	1.6	0.07	33	14	148	1.70	6	11	6.1	44.0	<3	4.3	6.8	1.7	<1	<0.2	<1	<10	<5	35	10.9	<10	7	<5		
126883	1	0.6	0.01	0.50	1.50	0.14	0.03	0.11	2.5	0.08	49	19	360	3.21	8	11	29.4	59.4	<3	4.8	2.8	1.9	1	<0.2	<1	<10	<5	42	8.2	<10	20	<5		
126884	<1	<0.5	0.02	0.38	1.08	0.11	0.05	0.28	1.7	0.07	30	12	312	1.62	6	12	8.7	32.3	4	8.5	8.4	1.6	<1	<0.2	<1	<10	<5	32	11.7	<10	4	<5		
126885	1	<0.5	0.02	0.37	1.21	0.06	0.05	0.26	2.2	0.09	37	15	397	1.91	6	10	8.6	54.8	<3	8.8	9.9	2.1	<1	<0.2	<1	<10	<5	63	13.6	<10	14	<5		
126886	4	<0.5	0.02	0.15	0.26	0.07	0.03	0.25	1.0	0.03	13	5	143	0.76	3	3	2.9	9.6	<3	8.0	8.5	0.8	<1	<0.2	<1	<10	<5	22	14.5	<10	3	<5		
126887	3	<0.5	0.02	0.46	1.15	0.05	0.12	0.42	4.4	0.09	38	18	521	2.26	8	13	12.2	33.2	7	11.9	17.7	2.8	1	<0.2	<1	<10	<5	138	32.5	<10	13	<5		
126888	5	0.7	0.02	0.93	2.21	0.07	0.05	0.34	5.4	0.12	88	28	676	2.88	12	20	23.1	192	27	28.1	14.7	4.7	1	<0.2	<1	<10	<5	133	26.6	<10	28	<5		
126889	1	0.5	0.02	0.77	1.55	0.06	0.04	0.18	3.9	0.09	62	19	319	2.22	9	17	12.9	62.6	9	8.6	13.8	4.4	<1	<0.2	<1	<10	<5	73	26.7	<10	12	<5		
126890	<1	<0.5	0.02	0.48	0.90	0.07	0.06	0.25	2.8	0.07	45	17	319	1.60	7	13	9.4	41.8	<3	8.6	9.5	3.0	2	<0.2	<1	<10	<5	83	16.6	<10	8	<5		
126891	1	<0.5	0.04	1.79	3.50	0.13	0.04	0.62	8.3	0.21	110	280	493	4.38	18	59	7.8	93.2	<3	31.3	5.2	3.3	2	<0.2	<1	15	<5	160	11.2	<10	12	<5		
126892	3	<0.5	0.03	0.63	1.46	0.09	0.12	0.38	4.1	0.11	43	22	434	2.33	11	17	22.9	46.1	12	13.4	15.4	3.0	<1	<0.2	<1	<10	<5	77	24.2	<10	9	<5		
126893	<1	<0.5	0.02	0.31	1.33	0.10	0.03	0.29	1.7	0.07	28	14	78	1.38	6	10	5.7	26.2	<3	9.3	9.1	1.7	1	<0.2	<1	<10	<5	26	13.9	<10	6	<5		
126894	<1	0.7	0.02	0.80	2.17	0.07	0.05	0.22	2.4	0.12	52	23	450	2.41	13	21	4.4	76.6	5	7.9	6.4	2.3	2	<0.2	<1	<10	<5	44	10.8	<10	7	<5		
126895	3	<0.5	0.03	0.55	1.45	0.07	0.07	0.29	3.1	0.11	47	20	300	2.32	8	13	11.5	34.3	<3	9.6	10.9	3.3	<1	<0.2	<1	<10	<5	79	18.4	<10	8	<5		
126896	3	<0.5	0.03	0.47	1.81	0.06	0.07	0.36	3.4	0.10	48	22	218	2.33	9	15	17.0	40.9	4	13.4	13.0	2.5	<1	<0.2	<1	<10	<5	93	16.8	<10	8	<5		
126897	3	<0.5	0.02	0.57	1.80	0.05	0.07	0.28	5.1	0.12	62	21	1480	3.06	9	15	17.0	120	6	11.0	10.9	3.2	1	<0.2	<1	<10	<5	154	14.6	<10	17	<5		
126898	5	<0.5	0.02	0.38	0.99	0.11	0.06	0.30	3.6	0.07	34	15	339	1.73	6	10	15.3	27.4	<3	10.7	15.9	3.0	<1	<0.2	<1	<10	<5	67	22.4	<10	6	<5		
*Dup 126842	<1	0.8	0.01	1.69	2.62	0.06	0.30	0.36	7.7	0.22	99	39	971	3.38	20	38	18.8	325	13	17.8	14.1	4.6	1	<0.2	<1	16	<5	241	39.3	<10	32	<5		
*Dup 126854	1	<0.5	0.01	0.61	1.79	0.02	0.04	0.16	2.4	0.08	44	18	126	2.22	9	14	4.2	86.8	21	6.0	3.2	2.7	<1	<0.2	<1	<10	<5	54	7.3	<10	12	<5		
*Dup 126866	<1	<0.5	0.02	0.28	1.51	0.05	0.04	0.13	1.6	0.09	34	15	193	1.93	5	11	6.1	74.1	<3	4.5	5.2	2.1	<1	<0.2	<1	<10	<5	39	7.7	<10	10	<5		

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Unit	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
*Dup 126878	<1	0.8	0.02	0.63	2.02	0.08	0.05	0.35	3.9	0.11	54	24	654	3.48	12	26	8.1	737	<3	36.8	16.2	3.7	1	<0.2	<1	<10	<5	136	19.9	<10	89	<5
*Dup 126890	<1	<0.5	0.02	0.50	0.99	0.07	0.06	0.27	2.9	0.08	46	17	334	1.76	8	13	9.4	43.6	<3	9.7	9.8	3.1	1	<0.2	<1	<10	<5	87	15.4	<10	6	<5

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	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi		
	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70			
	1	1	1	1	1	1	1	1	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5		
	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
171	<1	<0.5	0.01	1.59	3.50	0.05	0.17	0.30	8.9	0.30	142	49	421	5.42	27	24	29.3	137	27	7.1	4.5	2.8	1	<0.2	<1	28	<5	83	6.4	<10	11	<5		
172	<1	<0.5	0.02	0.48	1.60	0.05	0.04	0.19	3.0	0.12	52	19	181	2.47	9	12	11.0	59.6	15	6.5	6.8	3.1	<1	<0.2	<1	<10	<5	63	10.2	<10	10	<5		
173	<1	0.6	0.01	2.31	3.75	0.07	0.08	0.57	6.6	0.17	94	36	3530	6.17	21	31	15.7	259	238	17.4	4.8	4.7	1	<0.2	<1	15	<5	207	7.6	<10	25	<5		
174	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	
175	<1	<0.5	0.01	0.30	1.12	0.04	0.10	0.04	1.2	0.10	31	8	132	2.53	3	5	5.9	31.3	9	3.9	1.1	1.6	<1	<0.2	<1	<10	<5	44	3.1	<10	11	<5		
176	2	<0.5	0.02	0.86	1.95	0.05	0.30	0.30	3.2	0.15	39	21	1420	2.73	8	13	17.7	66.1	9	14.1	2.2	1.7	<1	<0.2	<1	<10	<5	135	5.2	<10	12	<5		
177	7	0.6	0.05	1.64	4.52	0.09	0.22	0.43	6.1	0.20	66	43	445	3.68	13	20	23.4	154	21	27.1	5.1	3.1	<1	0.3	<1	16	<5	79	14.6	<10	17	<5		
178	<1	0.6	0.02	1.04	2.44	0.09	0.10	0.32	5.4	0.17	70	21	543	3.02	10	14	25.0	103	34	11.3	8.2	2.6	<1	0.2	<1	14	<5	109	13.9	<10	18	<5		
179	<1	<0.5	0.01	1.10	2.57	0.05	0.17	0.16	4.1	0.22	71	19	731	3.89	13	14	16.0	110	11	7.2	2.8	2.2	1	<0.2	<1	17	<5	92	4.7	<10	16	<5		
180	5	0.6	0.02	2.02	3.95	0.06	0.12	0.31	3.9	0.18	44	17	1230	3.23	13	16	17.9	127	7	13.0	4.8	1.8	<1	<0.2	<1	13	<5	84	7.5	<10	16	<5		
181	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	
182	<1	<0.5	0.02	1.09	3.35	0.14	0.43	0.41	12.0	0.22	216	22	1410	5.24	27	17	27.3	82.9	<3	13.0	13.5	2.6	<1	<0.2	<1	19	<5	138	10.4	<10	11	<5		
183	<1	<0.5	0.02	1.06	2.27	0.06	0.17	0.26	2.2	0.14	32	11	921	2.68	10	9	12.0	75.6	<3	7.8	2.3	1.7	<1	<0.2	<1	<10	<5	115	5.4	<10	13	<5		
184	<1	0.5	0.02	0.65	2.16	0.09	0.11	0.24	4.7	0.15	68	25	542	3.66	10	17	33.6	120	15	7.1	36.3	3.2	3	<0.2	<1	11	<5	99	43.0	<10	20	<5		
185	<1	<0.5	0.01	0.92	2.01	0.07	0.18	0.17	3.5	0.15	59	20	794	3.30	9	11	14.0	97.6	36	6.1	5.6	2.2	<1	<0.2	<1	11	<5	104	9.9	<10	21	<5		
186	<1	<0.5	0.02	0.43	1.44	0.07	0.06	0.20	2.5	0.10	44	15	218	2.18	8	11	17.1	52.8	27	6.3	9.6	2.3	<1	<0.2	<1	<10	<5	37	11.9	<10	11	<5		
187	<1	<0.5	0.02	0.53	1.38	0.06	0.09	0.21	4.4	0.10	44	18	371	2.21	9	11	16.0	80.5	30	8.0	13.1	2.9	<1	<0.2	<1	<10	<5	64	18.1	<10	10	<5		
188	<1	<0.5	0.02	0.37	1.12	0.07	0.05	0.25	2.0	0.09	33	15	170	1.87	6	9	9.3	40.8	<3	8.2	10.1	2.1	<1	<0.2	<1	<10	<5	59	11.5	<10	8	<5		
189	<1	<0.5	0.02	0.59	1.77	0.05	0.06	0.18	2.9	0.12	52	22	167	2.65	9	15	13.5	60.8	19	6.0	7.5	2.7	<1	<0.2	<1	<10	<5	58	10.4	<10	10	<5		
190	<1	<0.5	0.02	0.81	2.39	0.08	0.08	0.20	2.9	0.13	61	20	709	3.26	10	13	18.5	82.8	27	6.2	6.3	2.4	1	<0.2	<1	<10	<5	54	9.6	<10	10	<5		
191	<1	<0.5	0.01	1.44	3.24	0.07	0.12	0.25	2.9	0.15	33	14	364	2.97	7	9	11.9	90.7	6	8.2	2.5	1.8	<1	<0.2	<1	12	<5	69	5.3	<10	10	<5		
192	<1	0.6	0.02	1.79	3.84	0.05	0.12	0.29	5.9	0.17	65	29	556	4.05	21	23	32.3	130	11	9.5	15.7	2.7	2	<0.2	<1	14	<5	91	21.0	<10	13	<5		
193	<1	<0.5	0.01	1.13	2.79	0.04	0.10	0.15	4.4	0.17	65	19	241	3.38	14	16	22.0	88.4	6	5.4	4.9	2.7	2	<0.2	<1	13	<5	57	10.2	<10	11	<5		
194	<1	<0.5	0.02	2.00	4.14	0.08	0.52	0.42	5.9	0.23	49	22	474	3.61	11	18	18.8	106	3	18.9	5.8	1.9	<1	<0.2	<1	20	<5	98	10.0	<10	11	<5		
195	<1	0.6	0.01	1.45	3.78	0.04	0.04	0.13	5.0	0.13	53	58	149	3.27	10	23	17.1	201	12	5.6	3.1	1.9	1	<0.2	<1	<10	<5	65	8.0	<10	24	<5		
196	<1	<0.5	0.01	0.69	2.44	0.07	0.15	0.17	2.4	0.18	48	19	232	3.80	6	12	13.4	150	14	8.9	2.4	2.5	1	<0.2	<1	14	<5	76	5.7	<10	27	<5		
197	<1	0.6	0.01	0.89	2.61	0.05	0.09	0.11	2.9	0.13	52	19	154	3.77	7	12	16.5	453	20	5.2	3.9	2.6	1	<0.2	<1	<10	<5	63	8.1	<10	44	<5		
198	<1	<0.5	0.02	0.48	1.38	0.07	0.05	0.21	2.2	0.10	36	15	248	1.88	6	11	9.4	141	11	6.8	7.5	2.2	<1	<0.2	<1	<10	<5	64	11.4	<10	12	<5		
199	<1	0.6	0.01	1.88	2.86	0.11	0.11	0.94	5.3	0.08	51	19	4980	5.44	21	21	13.1	745	175	15.9	20.0	4.2	<1	<0.2	<1	<10	<5	64	11.4	<10	12	<5		
200	<1	<0.5	0.04	0.61	1.36	0.09	0.12	0.44	4.6	0.11	43	21	523	2.24	8	12	16.9	61.9	<3	15.3	19.6	3.7	<1	<0.2	<1	<10	<5	273	22.0	<10	119	<5		

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Cont. No.	Au FA30/1 1 ppb	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm
201	2	<0.5	0.02	0.74	2.10	0.08	0.08	0.21	5.4	0.14	90	29	776	3.70	14	17	12.5	105	13	6.2	8.1	2.7	<1	<0.2	<1	10	<5	81	10.8	<10	12	<5
202	3	<0.5	0.02	0.57	1.66	0.09	0.09	0.20	5.3	0.15	113	24	181	4.44	12	12	21.7	103	8	6.0	6.0	3.1	<1	<0.2	<1	13	<5	69	8.2	<10	13	<5
203	2	<0.5	0.03	0.46	1.23	0.07	0.11	0.29	3.1	0.10	36	18	294	1.82	8	10	12.9	36.0	10	9.2	10.5	2.5	1	<0.2	<1	<10	<5	55	15.7	<10	4	<5
204	2	<0.5	0.02	0.61	1.51	0.03	0.12	0.15	3.3	0.16	74	11	501	3.02	8	8	10.2	84.4	173	6.0	2.5	1.8	<1	<0.2	<1	11	<5	59	5.2	<10	10	<5
205	5	0.6	0.01	0.82	2.76	0.07	0.23	0.14	8.2	0.17	159	17	468	5.33	20	16	15.7	302	36	5.3	5.8	3.3	2	<0.2	<1	13	<5	124	8.6	<10	15	<5
206	3	<0.5	0.02	0.45	1.53	0.07	0.06	0.19	3.6	0.10	43	21	157	2.25	8	14	16.6	63.8	72	5.8	8.8	3.3	<1	<0.2	<1	<10	<5	55	14.1	<10	11	<5
207	4	0.6	0.02	0.75	1.89	0.07	0.08	0.28	4.5	0.13	55	29	616	2.96	11	20	18.1	198	57	10.0	11.3	2.9	<1	<0.2	<1	11	<5	111	17.2	<10	21	<5
208	4	<0.5	0.02	1.79	2.82	0.06	0.26	0.24	5.0	0.18	50	18	598	3.59	18	18	31.7	308	<3	7.4	5.1	2.5	5	<0.2	<1	14	<5	71	12.6	<10	33	<5
209	3	0.6	0.02	1.29	2.50	0.07	0.32	0.44	6.6	0.18	66	33	599	3.43	15	23	27.7	80.2	61	17.1	10.8	3.8	<1	<0.2	<1	11	<5	117	19.1	<10	18	<5
210	<1	<0.5	0.03	0.68	1.59	0.09	0.06	0.42	4.5	0.12	62	25	665	2.94	10	16	25.0	79.6	28	11.4	10.0	2.5	<1	<0.2	<1	<10	<5	73	13.7	<10	17	<5
211	<1	0.6	0.02	1.34	3.01	0.12	0.03	1.06	12.9	0.09	100	16	2630	8.19	23	19	6.8	158	83	17.3	32.6	5.0	<1	<0.2	<1	<10	<5	135	15.4	<10	36	<5
212	1	0.7	0.02	0.92	3.00	0.06	0.04	0.30	4.3	0.12	59	23	483	3.38	13	23	30.0	134	44	8.8	8.4	3.3	1	<0.2	<1	<10	<5	64	14.6	<10	23	<5
213	9	0.6	0.02	1.10	3.50	0.07	0.08	0.16	3.7	0.14	43	18	284	3.76	8	13	15.8	239	17	6.8	3.1	2.6	<1	0.2	<1	<10	<5	56	6.3	<10	18	<5
214	7	<0.5	0.02	0.95	2.35	0.06	0.13	0.23	3.6	0.15	62	26	472	3.80	6	16	18.0	136	11	11.7	2.6	2.7	1	0.3	<1	<10	<5	79	6.2	<10	14	<5
215	2	0.6	0.02	0.69	2.14	0.04	0.04	0.17	4.7	0.15	79	31	163	3.72	14	27	27.1	181	10	5.7	12.0	3.2	<1	<0.2	<1	11	<5	67	16.9	<10	14	<5
216	1	0.5	0.02	0.47	1.33	0.10	0.06	0.29	4.9	0.10	54	23	358	2.64	7	13	20.3	41.6	7	9.1	18.0	4.4	1	<0.2	<1	<10	<5	73	26.6	<10	9	<5
217	<1	<0.5	0.01	0.74	1.97	0.05	0.05	0.22	2.4	0.15	53	19	339	3.29	6	10	11.3	128	20	8.9	3.4	2.6	<1	<0.2	<1	11	<5	138	6.6	<10	13	<5
218	<1	<0.5	0.02	0.59	1.60	0.03	0.11	0.20	2.0	0.09	30	11	858	2.08	6	6	6.2	111	30	9.2	1.6	1.1	1	0.3	<1	<10	<5	91	4.0	<10	20	<5
219	<1	<0.5	0.02	0.52	1.76	0.09	0.04	0.22	3.3	0.11	58	23	215	2.86	9	14	22.0	101	15	6.7	9.8	3.4	<1	<0.2	<1	<10	<5	47	15.4	<10	11	<5
220	3	<0.5	0.02	0.51	1.78	0.05	0.04	0.12	2.5	0.12	47	23	132	2.51	7	16	12.5	102	7	4.4	5.6	2.4	<1	<0.2	<1	<10	<5	37	9.0	<10	10	<5
221	4	<0.5	0.02	0.37	1.47	0.05	0.04	0.14	2.6	0.10	51	16	140	2.30	10	11	11.6	75.8	27	5.6	8.7	2.5	<1	<0.2	<1	<10	<5	62	10.3	<10	9	<5
222	2	<0.5	0.01	1.46	2.68	0.04	0.34	0.26	5.9	0.21	59	17	150	3.98	12	16	30.1	119	75	8.9	2.4	2.0	2	<0.2	<1	<10	<5	85	4.3	<10	14	<5
223	6	<0.5	0.03	0.66	1.23	0.09	0.11	0.79	9.5	0.09	49	19	159	2.18	12	20	152	265	19	20.7	106	3.5	<1	<0.2	<1	<10	<5	246	97.4	<10	12	<5
224	4	<0.5	0.02	1.04	2.52	0.04	0.11	0.23	3.5	0.15	41	28	300	3.32	10	17	13.2	653	<3	7.8	2.6	1.8	<1	<0.2	<1	11	<5	85	5.1	<10	14	<5
225	2	0.6	0.02	1.10	3.06	0.06	0.06	0.31	4.1	0.13	54	21	376	3.74	9	14	14.8	483	14	11.7	8.3	2.9	<1	0.3	<1	<10	<5	135	11.9	<10	21	<5
226	<1	<0.5	0.02	0.63	2.08	0.06	0.05	0.17	3.4	0.11	54	33	217	2.90	8	14	13.2	458	16	7.2	5.1	2.3	1	0.3	<1	<10	<5	87	8.4	<10	33	<5
227	<1	<0.5	0.01	0.42	1.74	0.03	0.03	0.12	2.2	0.09	52	13	382	3.68	7	10	13.4	500	9	8.6	2.5	2.4	1	<0.2	<1	<10	<5	171	6.0	<10	19	<5
228	<1	<0.5	0.01	0.45	1.86	0.06	0.04	0.21	3.1	0.11	56	23	204	2.62	8	17	43.8	709	18	7.3	9.1	2.9	<1	<0.2	<1	<10	<5	57	14.6	<10	31	<5
229	<1	0.6	0.01	0.65	2.84	0.06	0.04	0.14	3.9	0.12	56	21	141	2.98	8	16	16.2	283	21	5.2	6.4	3.4	<1	<0.2	<1	<10	<5	46	12.3	<10	24	<5
230	4	<0.5	0.02	0.44	1.29	0.07	0.08	0.25	2.5	0.09	36	16	270	1.83	7	10	8.2	45.6	10	9.7	7.6	2.4	<1	<0.2	<1	<10	<5	60	11.8	<10	8	<5

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ent. Id. Am.	As	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5
	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
231	2	<0.5	0.01	1.91	2.37	0.05	0.07	0.40	5.4	0.13	56	20	859	2.80	18	14	27.5	114	30	11.5	7.4	2.7	2	<0.2	<1	<10	<5	59	20.1	<10	23	<5
232	1	<0.5	0.02	0.55	1.45	0.10	0.09	0.29	2.8	0.09	44	18	217	2.17	8	12	13.7	64.6	6	9.1	8.4	2.0	<1	<0.2	<1	<10	<5	43	13.3	<10	12	<5
233	<1	<0.5	0.02	0.50	1.52	0.08	0.05	0.21	3.2	0.09	43	20	170	2.14	7	11	8.6	57.2	16	6.3	8.8	2.8	<1	<0.2	<1	<10	<5	40	14.1	<10	10	<5
234	<1	0.7	0.07	2.67	4.70	0.05	0.02	1.01	6.4	0.14	73	41	250	4.06	16	19	10.0	60.3	104	52.9	11.1	3.5	<1	<0.2	<1	<10	<5	53	13.2	<10	17	<5
235	1	<0.5	0.02	2.06	2.65	0.11	0.21	0.66	14.1	0.08	149	17	766	5.71	22	12	15.1	186	79	9.8	24.6	6.2	1	<0.2	<1	<10	<5	114	20.3	<10	38	<5
236	1	<0.5	0.01	1.01	2.69	0.07	0.18	0.25	8.0	0.18	131	31	206	4.14	19	18	34.9	153	23	7.1	5.5	2.4	<1	<0.2	<1	15	<5	52	8.0	<10	9	<5
237	<1	<0.5	0.01	1.05	3.24	0.16	0.21	0.37	11.0	0.19	176	14	531	5.12	26	15	42.4	108	<3	6.4	11.9	3.0	<1	<0.2	<1	14	<5	85	12.2	<10	11	<5
238	<1	<0.5	0.02	1.07	2.88	0.09	0.23	0.34	9.7	0.19	114	47	364	4.07	20	25	53.8	123	12	6.4	11.6	2.4	1	<0.2	<1	17	<5	52	13.1	<10	12	<5
239	<1	0.6	0.02	0.86	1.77	0.09	0.06	0.42	6.6	0.09	54	25	1060	3.66	13	19	21.0	83.9	37	14.0	22.8	4.0	<1	<0.2	<1	<10	<5	146	33.1	<10	16	<5
240	<1	<0.5	0.16	1.32	3.40	0.08	0.16	1.15	14.4	0.15	258	22	3280	4.26	22	16	29.2	102	27	80.0	10.9	2.5	<1	<0.2	<1	10	<5	208	6.6	<10	16	<5
241	<1	0.6	0.02	1.23	2.50	0.04	0.05	0.31	5.4	0.13	58	23	238	3.23	17	20	19.4	202	245	10.8	8.2	4.3	<1	0.6	<1	<10	<5	91	9.5	<10	31	<5
242	<1	<0.5	0.02	0.91	1.85	0.06	0.14	0.46	5.0	0.15	63	28	336	3.08	12	18	14.6	377	27	13.3	7.9	2.7	<1	<0.2	<1	11	<5	153	12.2	<10	21	<5
243	<1	<0.5	0.02	0.53	0.86	0.02	0.32	0.19	1.9	0.12	35	8	79	1.58	3	5	5.5	38.9	22	6.3	0.6	1.1	<1	<0.2	<1	<10	<5	58	2.6	<10	9	<5
244	<1	0.6	0.01	1.10	3.36	0.04	0.08	0.11	5.5	0.18	66	28	165	3.69	13	22	20.5	154	120	4.4	3.7	3.2	2	<0.2	<1	13	<5	55	8.5	<10	14	<5
245	2	<0.5	0.02	0.56	1.51	0.03	0.03	0.19	5.6	0.07	45	17	530	2.62	11	16	32.9	242	95	6.9	18.7	4.1	<1	0.9	<1	<10	5	89	23.9	<10	55	<5
246	1	<0.5	0.02	0.33	1.04	0.02	0.02	0.12	1.9	0.07	31	15	152	1.61	6	7	8.6	55.1	11	4.9	4.7	2.1	<1	<0.2	<1	<10	<5	46	6.5	<10	9	<5
247	<1	<0.5	0.02	0.58	1.50	0.08	0.09	0.29	3.3	0.10	47	21	596	2.70	11	15	16.5	105	43	13.6	9.5	2.7	2	<0.2	<1	<10	<5	68	14.5	<10	23	<5
248	4	<0.5	0.02	1.03	2.41	0.16	0.33	0.49	8.0	0.18	133	15	487	4.22	22	10	40.8	90.1	20	8.8	13.1	2.1	<1	<0.2	<1	15	<5	101	13.2	<10	11	<5
249	<1	<0.5	0.02	1.18	2.60	0.17	0.35	0.50	9.4	0.15	174	44	303	4.50	31	36	56.0	94.4	<3	7.5	9.9	2.2	<1	<0.2	<1	12	<5	69	9.6	<10	9	<5
250	<1	<0.5	0.01	0.76	2.15	0.09	0.11	0.17	4.2	0.13	80	22	198	4.21	10	12	17.8	96.3	9	6.3	3.5	2.2	<1	<0.2	<1	10	<5	36	7.7	<10	14	<5
251	2	0.6	0.01	1.20	2.82	0.08	0.15	0.91	10.7	0.10	77	17	2170	4.79	19	29	45.7	260	81	22.8	24.5	4.4	<1	<0.2	<1	<10	<5	140	27.1	<10	70	<5
252	4	0.6	0.05	1.43	2.94	0.11	0.05	0.73	14.1	0.09	100	47	1490	5.64	27	32	56.6	92.0	507	27.9	35.8	4.5	<1	1.5	<1	<10	<5	125	30.3	<10	38	<5
253	3	0.6	0.02	0.58	1.91	0.03	0.03	0.28	5.3	0.09	49	24	346	3.10	11	15	10.7	52.2	61	12.1	11.8	3.3	1	<0.2	<1	<10	<5	80	15.8	<10	12	<5
254	5	<0.5	0.03	2.21	3.94	0.16	0.41	0.81	17.8	0.22	178	42	1360	6.48	32	23	60.5	153	781	18.1	14.3	3.8	1	<0.2	<1	21	<5	133	18.1	<10	20	<5
255	6	0.5	0.03	0.93	1.91	0.09	0.12	0.52	8.0	0.11	59	29	834	3.31	13	20	22.0	88.3	105	17.6	26.7	3.5	<1	<0.2	<1	<10	<5	123	30.8	<10	15	<5
256	<1	0.5	0.02	4.41	3.59	0.11	0.18	4.05	7.0	0.05	43	23	3200	4.78	22	25	61.4	206	86	74.2	17.0	3.4	<1	0.9	<1	<10	<5	193	16.4	<10	27	<5
257	1	0.6	0.02	0.84	2.62	0.08	0.13	0.34	9.0	0.14	80	27	642	3.61	14	27	52.6	97.3	87	13.0	20.9	3.6	<1	<0.2	<1	12	<5	79	25.8	<10	38	<5
258	<1	<0.5	0.01	0.96	2.85	0.07	0.19	0.21	7.0	0.17	116	23	258	4.20	14	14	23.3	89.2	22	7.9	5.7	2.4	<1	<0.2	<1	15	<5	55	8.3	<10	11	<5
259	<1	<0.5	0.01	0.94	2.80	0.12	0.37	0.30	10.4	0.17	185	24	437	5.44	18	14	13.4	91.4	<3	8.1	7.9	2.8	1	<0.2	<1	14	<5	102	8.3	<10	11	<5
260	1	0.5	0.02	0.80	1.81	0.09	0.12	0.25	4.0	0.12	58	28	440	2.99	12	19	30.5	75.5	25	7.1	10.4	3.5	<1	<0.2	<1	<10	<5	81	16.9	<10	12	<5

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Ident.	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sb	Ba	La	W	Pb	Bi	
Mod.	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70		
Lim.	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	1	0.5	10	2	5	
S.	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
C-261	6	<0.5	0.03	1.01	2.60	0.05	0.07	0.90	13.5	0.14	163	47	394	5.20	29	47	117	3440	146	18.8	56.3	3.1	<1	<0.2	<1	<10	<5	178	39.8	<10	15	<5
C-262	<1	0.5	0.02	0.83	2.10	0.08	0.19	0.32	4.5	0.16	68	26	518	3.40	13	16	25.5	88.8	25	8.8	10.7	3.2	<1	<0.2	<1	<10	<5	127	13.3	<10	13	<5
C-263	<1	0.6	<0.01	3.79	3.36	0.07	0.03	0.96	3.6	0.11	57	20	1820	2.54	9	18	10.6	324	24	13.9	7.4	3.3	<1	<0.2	<1	<10	<5	199	12.1	<10	16	<5
C-264	7	0.6	0.02	1.05	2.30	0.08	0.07	0.28	6.2	0.10	64	22	725	3.31	15	22	41.4	187	105	8.2	10.5	3.9	<1	<0.2	<1	<10	<5	65	17.2	<10	30	<5
C-265	<1	0.6	0.01	1.54	3.27	0.08	0.34	0.47	13.4	0.16	233	25	1990	6.01	30	21	63.9	145	91	11.4	14.4	3.6	<1	<0.2	<1	<10	<5	217	12.2	<10	20	<5
C-266	6	<0.5	0.03	2.16	1.80	0.07	0.08	8.96	4.5	0.05	32	27	2440	2.87	10	20	26.4	585	298	169	11.8	2.1	<1	<0.2	<1	<10	<5	199	10.6	<10	74	<5
C-267	6	0.8	<0.01	2.92	4.27	0.10	0.04	0.41	7.2	0.13	58	33	1580	4.38	17	24	12.9	241	175	7.6	16.5	3.9	<1	<0.2	<1	<10	<5	73	20.3	<10	46	<5
C-268	3	0.8	0.03	3.90	5.39	0.11	0.01	0.68	6.0	0.08	74	41	815	4.12	16	29	19.0	249	154	22.0	7.0	3.3	<1	<0.2	<1	<10	<5	76	10.1	<10	36	<5
C-269	<1	0.6	0.03	1.03	2.14	0.08	0.11	0.63	6.4	0.11	59	30	945	3.71	14	29	50.4	381	103	15.3	16.6	4.3	<1	<0.2	<1	<10	<5	138	22.5	<10	25	<5
C-270	<1	0.6	0.02	0.75	1.81	0.06	0.05	0.35	5.2	0.08	42	23	1040	2.59	9	15	13.6	222	29	8.6	18.9	3.2	<1	<0.2	<1	<10	<5	123	23.9	<10	10	<5
C-271	<1	0.7	0.02	1.53	2.95	0.11	0.28	0.59	14.6	0.21	121	19	1510	5.23	20	22	18.8	249	89	13.4	36.4	4.9	<1	<0.2	<1	<10	<5	186	31.2	<10	26	<5
C-272	<1	<0.5	0.03	0.85	1.98	0.08	0.10	0.61	6.5	0.09	64	22	1360	3.42	12	14	8.4	94.2	38	20.4	19.8	2.7	<1	<0.2	<1	<10	<5	117	21.3	<10	14	<5
C-273	<1	0.6	0.05	1.84	3.62	0.08	0.06	0.81	11.8	0.15	101	45	913	5.35	24	31	33.0	530	79	43.3	31.0	5.6	<1	<0.2	<1	<10	<5	174	22.2	<10	22	<5
C-274	<1	<0.5	0.02	0.36	1.21	0.04	0.05	0.29	2.0	0.10	40	15	489	2.22	7	8	4.9	106	6	7.6	5.5	1.9	<1	<0.2	<1	<10	<5	68	7.7	<10	11	<5
C-275	<1	<0.5	0.02	0.79	1.81	0.06	0.06	0.27	2.8	0.10	44	17	547	2.75	9	14	11.3	91.6	27	7.8	4.4	2.0	<1	<0.2	<1	<10	<5	88	6.2	<10	11	<5
C-276	4	<0.5	0.09	1.63	3.57	0.10	0.15	0.79	16.8	0.18	171	88	1080	5.33	27	33	63.8	77.3	74	40.8	29.4	4.0	<1	<0.2	<1	<10	<5	135	23.2	<10	34	<5
C-277	1	0.8	0.01	1.44	2.43	0.07	0.05	0.27	7.1	0.06	52	27	894	4.34	16	25	52.4	96.2	51	6.5	18.3	5.6	<1	<0.2	<1	<10	<5	83	29.8	<10	15	<5
C-278	<1	0.6	0.02	1.32	2.61	0.06	0.04	0.27	6.1	0.09	61	23	388	3.50	13	20	18.2	103	93	8.9	10.3	4.1	<1	<0.2	<1	<10	<5	73	13.0	<10	20	<5
C-279	9	0.5	0.02	1.13	2.90	0.09	0.16	0.44	6.8	0.18	73	28	578	3.69	16	30	21.6	81.1	223	13.8	10.1	3.9	1	<0.2	<1	<10	<5	78	15.8	<10	16	<5
C-280	1	<0.5	0.01	0.67	1.72	0.04	0.04	0.48	2.8	0.11	55	31	850	3.38	13	18	13.6	87.3	161	14.1	4.8	2.8	2	<0.2	<1	<10	<5	78	7.2	<10	16	<5
C-281	4	<0.5	0.02	1.79	3.13	0.04	0.11	0.66	10.5	0.18	70	69	484	3.63	18	44	57.5	101	406	22.6	30.2	4.0	3	<0.2	<1	<10	<5	69	25.3	<10	12	<5
C-282	7	<0.5	0.02	0.65	1.84	0.09	0.07	0.29	3.2	0.10	45	21	392	2.61	12	17	11.7	1280	245	9.1	9.1	2.9	<1	<0.2	<1	<10	<5	40	12.1	<10	214	<5
C-283	6	<0.5	0.02	1.28	2.07	0.07	0.37	0.87	6.6	0.17	66	28	578	3.58	13	23	35.6	129	387	18.6	13.5	2.7	<1	<0.2	<1	<10	<5	115	13.7	<10	13	<5
*Dup C-171	<1	<0.5	<0.01	1.54	3.43	0.05	0.17	0.28	8.2	0.27	139	48	424	5.25	27	23	28.5	131	37	6.9	4.2	2.7	1	<0.2	<1	<10	<5	81	5.7	<10	11	<5
*Dup C-183	<1	<0.5	0.01	1.05	2.28	0.05	0.17	0.25	2.4	0.12	31	11	938	2.69	10	9	12.1	72.4	<3	7.5	2.2	1.5	<1	<0.2	<1	<10	<5	115	4.9	<10	12	<5
*Dup C-195	<1	0.6	0.01	1.41	3.66	0.04	0.04	0.13	4.9	0.13	51	56	142	3.15	9	22	16.2	191	13	5.4	3.0	1.9	2	<0.2	<1	<10	<5	63	8.0	<10	20	<5
*Dup C-207	2	0.6	0.02	0.80	2.07	0.08	0.08	0.28	5.0	0.12	57	31	676	3.19	11	21	19.3	213	57	9.9	12.0	2.9	<1	<0.2	<1	<10	<5	122	17.9	<10	23	<5
*Dup C-219	<1	<0.5	0.02	0.49	1.73	0.09	0.04	0.21	3.1	0.11	55	21	202	2.79	9	13	21.4	93.4	19	6.8	9.2	3.2	1	<0.2	<1	<10	<5	44	14.5	<10	12	<5
*Dup C-231	<1	<0.5	0.01	1.94	2.43	0.06	0.07	0.41	5.4	0.14	56	21	857	2.82	19	14	27.9	116	27	11.4	7.4	2.8	1	<0.2	<1	<10	<5	60	20.2	<10	22	<5
*Dup C-243	<1	<0.5	0.01	0.52	0.80	0.02	0.30	0.19	1.9	0.11	35	8	84	1.51	4	5	5.5	37.6	15	6.0	0.5	1.0	<1	<0.2	<1	<10	<5	58	2.4	<10	11	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Units	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Dup C-255	8	0.5	0.03	0.87	1.81	0.08	0.11	0.48	7.7	0.10	56	28	789	3.12	13	19	20.6	82.5	97	15.9	25.2	3.3	<1	<0.2	<1	<10	<5	118	29.1	<10	15	<5
*Dup C-267	7	0.9	<0.01	3.12	4.57	0.10	0.05	0.44	7.9	0.13	61	34	1700	4.70	18	25	13.9	252	177	7.8	17.3	4.0	<1	<0.2	<1	<10	<5	77	20.2	<10	49	<5
*Dup C-279	6	0.5	0.02	1.16	2.95	0.08	0.17	0.43	7.1	0.19	75	28	580	3.72	16	28	22.3	79.0	205	13.9	10.3	3.6	2	<0.2	<1	17	<5	79	15.9	<10	16	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Units	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
126709	<1	0.6	0.01	1.15	3.07	0.05	0.15	0.32	3.5	0.13	37	17	770	2.80	10	13	10.8	128	<3	7.8	5.4	2.8	<1	<0.2	<1	<10	<5	88	13.2	<10	11	<5
126710	<1	<0.5	0.01	1.29	2.75	0.03	0.21	0.08	3.8	0.19	39	18	209	2.82	8	12	10.1	81.5	<3	3.1	1.9	2.5	<1	<0.2	<1	13	<5	47	5.5	<10	9	<5
126711	<1	0.6	0.01	1.23	3.27	0.04	0.12	0.13	3.5	0.19	49	21	130	3.20	8	12	8.8	189	<3	4.2	1.9	3.3	<1	<0.2	<1	13	<5	51	5.5	<10	25	<5
126712	<1	<0.5	0.02	0.59	2.73	0.03	0.11	0.48	6.9	0.17	34	18	215	2.56	11	12	3.0	53.0	<3	23.3	18.3	3.3	<1	<0.2	<1	11	<5	836	33.7	<10	10	<5
126713	<1	<0.5	0.02	0.70	1.43	0.05	0.10	0.29	5.1	0.12	50	22	163	2.64	9	12	12.6	31.7	17	9.3	11.5	5.7	2	<0.2	<1	<10	<5	273	22.4	<10	9	<5
126714	<1	0.7	0.01	1.03	3.22	0.05	0.08	0.43	4.7	0.18	61	24	912	3.95	10	13	9.7	117	6	23.5	8.1	4.3	<1	<0.2	<1	13	<5	240	14.4	<10	17	<5
126715	1	<0.5	0.02	0.12	0.63	0.04	0.05	0.08	1.0	0.07	26	6	123	1.44	1	2	2.8	26.7	<3	5.8	2.4	1.4	1	<0.2	<1	<10	<5	55	9.2	<10	8	<5
126716	<1	<0.5	0.02	0.74	1.67	0.07	0.11	0.27	3.8	0.12	39	20	248	2.14	7	12	12.6	37.2	<3	10.4	9.9	3.9	<1	<0.2	<1	<10	<5	92	18.5	<10	8	<5
126717	<1	<0.5	0.02	0.31	1.38	0.04	0.03	0.11	1.5	0.10	36	15	93	2.35	4	9	3.0	48.5	<3	6.7	2.5	3.0	<1	<0.2	<1	<10	<5	68	6.4	<10	9	<5
126718	1	0.5	0.02	0.30	3.14	0.10	0.02	0.10	2.9	0.12	62	18	73	3.14	3	6	17.5	26.5	<3	5.4	5.6	4.7	1	<0.2	<1	<10	<5	33	18.9	<10	8	<5
126719	3	<0.5	0.02	0.41	1.55	0.07	0.04	0.10	2.5	0.09	29	14	447	1.79	5	6	10.3	60.7	<3	5.1	7.5	1.9	2	<0.2	<1	<10	<5	52	22.3	<10	12	<5
126720	<1	<0.5	0.02	0.40	1.33	0.09	0.04	0.09	1.7	0.12	41	13	163	2.46	4	6	3.0	63.3	<3	4.4	1.5	2.2	<1	<0.2	<1	<10	<5	45	4.5	<10	10	<5
126721	<1	<0.5	0.02	1.01	1.49	0.10	0.28	0.18	1.5	0.11	32	8	60	1.92	4	4	<0.5	22.2	<3	3.4	2.8	1.6	<1	<0.2	<1	<10	<5	61	7.9	<10	5	<5
126722	<1	<0.5	0.02	0.58	2.45	0.07	0.03	0.12	2.5	0.11	39	18	97	2.58	6	10	10.3	48.6	23	4.5	5.3	3.8	<1	<0.2	<1	<10	<5	38	16.6	<10	9	<5
126723	<1	<0.5	0.02	0.61	2.34	0.23	0.04	0.20	2.6	0.10	41	17	142	2.64	5	9	7.8	45.7	38	6.3	5.2	3.5	1	<0.2	<1	<10	<5	32	11.6	<10	10	<5
126724	<1	0.6	0.01	1.04	2.88	0.08	0.07	0.12	3.9	0.15	44	22	162	2.82	8	13	10.6	78.5	9	5.1	5.9	3.5	<1	<0.2	<1	10	<5	42	15.0	<10	13	<5
126725	<1	<0.5	0.02	1.24	2.58	0.05	0.09	0.17	4.1	0.17	43	22	160	2.59	10	14	16.8	45.9	12	7.2	7.0	3.9	<1	<0.2	<1	<10	<5	57	23.9	<10	11	<5
126726	<1	<0.5	0.02	0.50	1.66	0.03	0.04	0.12	4.0	0.13	44	17	94	2.40	6	10	14.2	27.3	<3	5.5	14.8	3.1	<1	<0.2	<1	<10	<5	51	21.3	<10	9	<5
126727	<1	<0.5	0.02	1.48	2.21	0.04	0.28	0.30	4.0	0.15	38	23	1070	2.35	11	18	13.5	124	<3	8.8	2.3	2.2	<1	<0.2	<1	<10	<5	247	5.8	<10	17	<5
126728	<1	<0.5	0.01	1.54	2.76	0.04	0.20	0.39	3.6	0.15	31	15	285	2.59	7	13	19.5	74.6	<3	9.4	5.6	2.7	<1	<0.2	<1	<10	<5	245	13.1	<10	9	<5
126729	<1	<0.5	0.02	1.98	3.13	0.05	0.51	0.32	6.2	0.27	74	23	205	3.57	8	14	19.6	482	<3	8.3	2.5	5.1	1	<0.2	<1	21	<5	62	4.9	<10	28	<5
126730	<1	0.6	0.02	3.07	3.53	0.18	1.18	0.48	15.8	0.26	135	71	480	4.87	24	67	57.8	165	<3	11.1	8.3	8.4	<1	<0.2	<1	19	<5	32	86.0	<10	28	<5
126731	<1	0.5	0.02	0.78	2.32	0.05	0.05	0.17	4.6	0.14	55	27	150	3.25	11	18	22.9	44.7	<3	8.5	13.7	4.0	<1	<0.2	<1	<10	<5	111	16.6	<10	13	<5
126732	<1	<0.5	0.02	0.62	1.42	0.06	0.06	0.19	5.0	0.11	41	20	275	2.27	9	14	26.5	32.0	<3	7.4	12.0	3.9	<1	<0.2	<1	<10	<5	73	13.1	<10	11	<5
126733	<1	<0.5	0.02	1.30	2.61	0.08	0.09	0.25	5.0	0.17	53	25	383	2.86	12	16	25.5	41.9	<3	8.9	9.9	3.9	<1	<0.2	<1	<10	<5	75	27.1	<10	10	<5
126734	<1	<0.5	0.02	0.55	1.90	0.08	0.03	0.31	2.0	0.09	33	16	419	2.18	5	10	7.8	70.0	<3	13.5	3.6	2.3	1	<0.2	<1	<10	<5	44	11.1	<10	11	<5
126735	<1	<0.5	0.01	0.71	2.27	0.05	0.04	0.13	3.5	0.13	60	18	308	2.71	8	10	20.7	68.5	<3	5.4	4.9	3.1	<1	<0.2	<1	<10	<5	44	18.6	<10	12	<5
126736	3	0.5	0.02	0.98	2.64	0.10	0.06	0.15	3.9	0.15	54	20	177	3.92	7	11	10.1	70.0	<3	4.6	6.4	3.9	2	<0.2	<1	<10	<5	44	18.6	<10	12	<5
126737	2	<0.5	0.02	0.43	0.83	0.12	0.02	0.05	1.2	0.11	30	5	262	1.94	2	3	1.7	38.7	<3	2.1	1.0	1.5	<1	<0.2	<1	<10	<5	26	4.3	<10	8	<5
126738	1	<0.5	0.02	1.08	2.53	0.06	0.06	0.20	3.6	0.14	47	21	186	2.75	11	14	10.6	113	10	6.2	3.6	3.1	<1	<0.2	<1	<10	<5	85	8.3	<10	14	<5

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Ident. no. / Lim. S.	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
	FA30/1 1 ppb	ICP70 0.5 ppm	ICP70 0.01 %	ICP70 0.01 %	ICP70 0.01 %	ICP70 0.01 %	ICP70 0.01 %	ICP70 0.01 %	ICP70 0.01 %	ICP70 0.5 ppm	ICP70 0.01 %	ICP70 2 ppm	ICP70 1 ppm	ICP70 2 ppm	ICP70 0.01 %	ICP70 1 ppm	ICP70 1 ppm	ICP70 0.5 ppm	ICP70 0.5 ppm	ICP70 3 ppm	ICP70 0.5 ppm	ICP70 0.5 ppm	ICP70 0.5 ppm	ICP70 1 ppm	ICP70 0.2 ppm	ICP70 1 ppm	ICP70 10 ppm	ICP70 5 ppm	ICP70 1 ppm	ICP70 0.5 ppm	ICP70 10 ppm	ICP70 2 ppm
126739	2	<0.5	0.02	0.39	1.15	0.10	0.05	0.32	2.0	0.09	34	15	107	1.62	5	11	16.6	21.6	<3	8.4	8.6	3.3	1	<0.2	<1	<10	<5	25	14.4	<10	8	<5
126740	2	<0.5	0.02	0.76	1.92	0.07	0.07	0.24	3.3	0.12	45	21	206	2.30	10	14	19.2	50.0	<3	6.4	7.4	3.7	<1	<0.2	<1	<10	<5	35	17.6	<10	11	<5
126741	4	<0.5	0.02	0.65	1.48	0.06	0.10	0.30	2.1	0.14	46	20	486	2.76	6	10	8.1	131	<3	10.4	2.5	2.7	1	<0.2	<1	<10	<5	92	6.1	<10	25	<5
126742	5	0.5	0.02	0.90	2.07	0.08	0.13	0.33	5.1	0.14	51	25	415	2.60	9	17	24.5	45.5	<3	9.7	14.6	4.8	<1	<0.2	<1	<10	<5	57	18.4	<10	12	<5
126743	6	<0.5	<0.01	1.69	2.26	0.19	0.72	1.71	12.2	0.07	191	16	>20000	19.4	21	50	39.8	775	230	84.9	68.0	14.3	<1	<0.2	<1	15	<5	1900	58.0	<10	105	<5
126744	9	0.6	0.01	1.24	2.82	0.03	0.13	0.22	4.2	0.19	49	26	345	3.14	11	18	17.8	135	<3	7.2	5.2	3.2	<1	<0.2	<1	11	<5	91	15.9	<10	22	<5
126745	4	0.6	0.01	0.50	2.22	0.04	0.03	0.09	2.3	0.12	47	20	121	2.74	6	11	4.3	47.1	<3	4.0	3.0	3.6	1	<0.2	<1	<10	<5	52	6.5	<10	8	<5
126746	4	<0.5	0.02	0.06	0.39	0.02	0.03	0.05	<0.5	0.06	18	4	24	0.68	<1	1	1.9	16.3	<3	3.6	0.9	0.6	<1	<0.2	<1	<10	<5	39	5.4	<10	8	<5
126747	7	<0.5	0.02	0.74	2.11	0.09	0.04	0.26	3.2	0.13	46	30	149	3.12	8	13	12.3	49.5	<3	8.2	6.7	3.2	<1	<0.2	<1	<10	<5	62	17.2	<10	9	<5
126748	3	<0.5	0.02	0.75	2.14	0.05	0.03	0.17	2.7	0.11	35	23	199	2.40	9	13	10.2	67.9	20	6.2	5.0	2.5	<1	<0.2	<1	<10	<5	124	11.9	<10	9	<5
126749	4	<0.5	0.02	0.55	1.66	0.08	0.05	0.17	2.8	0.10	38	20	135	2.01	7	12	10.1	36.3	<3	5.3	7.9	3.6	<1	<0.2	<1	<10	<5	86	17.2	<10	8	<5
126750	10	0.5	0.02	1.11	3.20	0.24	0.08	0.28	5.6	0.14	94	22	333	3.91	11	17	80.8	64.6	<3	7.6	10.6	3.9	<1	<0.2	<1	<10	<5	88	20.0	<10	12	<5
126751	10	0.5	0.02	0.80	2.79	0.09	0.05	0.09	3.8	0.13	49	25	143	2.83	7	13	12.6	54.8	<3	3.6	6.0	4.1	<1	<0.2	<1	<10	<5	53	15.6	<10	9	<5
126752	16	<0.5	0.02	0.85	2.43	0.11	0.05	0.16	3.6	0.12	43	23	151	2.51	7	13	17.5	46.7	<3	5.2	6.1	4.1	<1	<0.2	<1	<10	<5	47	13.2	<10	10	<5
126753	6	<0.5	0.02	1.05	2.34	0.07	0.07	0.18	3.9	0.15	46	29	198	2.73	12	19	21.0	56.4	<3	6.1	5.5	3.5	<1	<0.2	<1	<10	<5	85	13.0	<10	9	<5
126754	3	<0.5	0.02	0.81	1.91	0.02	0.06	0.12	3.4	0.13	40	23	154	2.38	10	14	14.8	66.9	<3	5.1	5.5	2.7	<1	<0.2	<1	<10	<5	177	10.3	<10	8	<5
126755	5	<0.5	0.02	0.46	1.44	0.09	0.03	0.19	2.1	0.08	31	14	146	1.86	5	10	16.4	33.0	<3	5.1	7.6	2.6	2	<0.2	<1	<10	<5	23	14.2	<10	8	<5
126756	2	<0.5	0.02	1.42	2.99	0.04	0.07	0.47	4.1	0.17	41	22	993	2.93	10	16	15.6	119	<3	19.1	1.5	2.3	<1	<0.2	<1	<10	<5	63	4.3	<10	8	<5
126757	4	<0.5	0.02	1.15	2.28	0.08	0.08	0.19	3.2	0.13	38	17	120	2.46	9	11	21.3	37.0	<3	4.4	6.8	3.1	<1	<0.2	<1	<10	<5	24	17.7	<10	10	<5
126758	2	<0.5	0.02	1.55	2.84	0.06	0.25	0.50	3.7	0.16	32	15	362	3.22	8	12	8.0	131	<3	17.5	1.5	2.4	<1	<0.2	<1	<10	<5	177	4.0	<10	8	<5
126759	4	<0.5	0.01	3.80	3.69	0.07	0.54	0.59	5.5	0.18	50	24	766	3.05	9	7	4.9	238	<3	15.1	3.2	3.2	1	<0.2	<1	<10	<5	53	16.9	<10	93	<5
126760	4	<0.5	0.01	1.70	2.90	0.07	0.28	0.23	5.8	0.20	71	22	342	3.32	8	15	14.7	219	<3	5.4	4.1	2.9	1	<0.2	<1	13	<5	52	8.0	<10	23	<5
126761	8	<0.5	0.02	1.78	3.06	0.06	0.43	0.31	7.7	0.22	78	80	612	3.78	16	56	42.6	115	5	6.2	12.7	3.8	<1	<0.2	<1	15	<5	118	24.2	<10	14	<5
126762	5	<0.5	0.02	0.92	2.31	0.05	0.16	0.08	3.8	0.16	46	18	279	2.89	7	10	11.2	65.3	<3	3.8	3.7	2.9	<1	<0.2	<1	<10	<5	101	11.7	<10	8	<5
126763	1	<0.5	0.02	0.41	2.09	0.05	0.04	0.16	2.1	0.11	42	22	108	2.47	8	15	9.4	79.4	11	5.3	3.9	2.9	<1	<0.2	<1	<10	<5	125	7.2	<10	9	<5
126764	3	<0.5	0.02	0.43	1.39	0.09	0.06	0.23	2.7	0.10	35	18	139	1.92	7	11	18.9	37.1	<3	6.1	10.2	3.6	1	<0.2	<1	<10	<5	71	13.6	<10	8	<5
126765	5	0.5	0.02	0.51	1.97	0.03	0.04	0.13	3.0	0.12	45	20	117	2.54	7	11	10.6	52.8	<3	4.5	6.8	4.1	<1	<0.2	<1	<10	<5	72	13.7	<10	11	<5
126766	6	<0.5	0.01	0.85	1.97	0.03	0.18	0.12	2.7	0.17	42	13	130	2.80	5	8	2.3	50.2	<3	5.5	1.6	2.4	<1	<0.2	<1	<10	<5	85	3.3	<10	9	<5
126767	3	<0.5	0.01	0.48	1.45	0.05	0.12	0.15	1.8	0.13	37	13	384	2.69	5	6	2.5	98.8	<3	5.9	2.7	2.9	2	<0.2	<1	<10	<5	170	8.1	<10	13	<5
126768	2	<0.5	0.01	1.53	2.71	0.03	0.26	0.23	3.9	0.19	37	21	158	2.81	10	16	9.0	211	<3	6.5	2.6	2.1	<1	<0.2	<1	12	<5	110	5.4	<10	19	<5

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Element, Method, Det. Lim., Units.	Au FA30/1 1 ppb	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm			
126799	4	<0.5	0.02	0.55	1.79	0.05	0.06	0.21	2.8	0.10	35	19	178	2.08	6	13	13.0	122	<3	6.0	7.6	3.6	<1	<0.2	<1	<10	<5	80	13.8	<10	15	<5			
126800	<1	<0.5	0.01	0.49	1.29	0.02	0.05	0.06	1.3	0.11	26	8	158	1.89	3	5	3.1	95.5	<3	2.4	1.2	1.7	<1	<0.2	<1	<10	<5	52	4.6	<10	7	<5			
126801	<1	<0.5	0.02	0.64	1.61	0.06	0.09	0.28	3.7	0.12	44	24	285	2.43	10	17	20.0	55.1	<3	7.4	14.5	3.9	<1	<0.2	<1	<10	<5	97	18.2	<10	9	<5			
126803	1	<0.5	0.02	0.40	1.40	0.06	0.04	0.16	2.1	0.09	32	16	76	1.76	5	10	19.9	44.2	7	6.2	15.5	4.7	2	<0.2	<1	<10	<5	107	20.8	<10	11	<5			
126804	1	0.5	0.01	1.16	2.74	0.04	0.07	0.13	2.8	0.13	37	17	349	2.85	12	13	9.2	299	<3	5.3	2.2	2.5	<1	<0.2	<1	<10	<5	38	11.5	<10	9	<5			
126805	2	<0.5	0.02	0.58	1.44	0.08	0.12	0.17	3.9	0.11	42	20	317	2.11	8	12	18.2	37.3	<3	6.5	10.6	3.9	<1	<0.2	<1	<10	<5	142	7.3	<10	38	<5			
126806	7	<0.5	0.01	0.63	1.82	0.13	0.11	0.22	2.8	0.15	52	19	124	3.13	6	11	10.1	61.7	6	11.1	3.1	3.1	1	<0.2	<1	<10	<5	63	22.1	<10	8	<5			
126807	5	0.5	0.02	0.55	2.04	0.16	0.09	0.34	2.5	0.13	70	19	1850	3.45	16	12	9.9	158	<3	11.8	6.6	3.1	1	<0.2	<1	<10	<5	50	8.5	<10	14	<5			
126808	2	<0.5	0.01	0.78	2.33	0.08	0.10	0.20	4.1	0.14	49	23	101	2.56	8	18	23.2	57.8	<3	6.7	8.2	3.0	1	<0.2	<1	<10	<5	111	9.4	<10	32	<5			
126809	<1	<0.5	0.01	1.20	2.82	0.09	0.40	0.19	3.8	0.18	37	24	257	3.06	7	13	9.7	85.0	<3	9.7	85.0	<3	6.7	8.2	3.0	1	<0.2	<1	<10	<5	70	13.1	<10	11	<5
126810	<1	<0.5	0.01	1.19	2.13	0.06	0.39	0.18	3.4	0.18	46	22	211	3.16	8	13	4.3	66.7	24	5.4	2.4	2.5	<1	<0.2	<1	<10	<5	41	5.4	<10	22	<5			
126811	<1	<0.5	0.02	0.50	0.97	0.02	0.23	0.11	1.0	0.15	39	9	133	1.68	3	6	3.3	27.6	<3	4.1	1.3	1.8	<1	0.3	<1	13	<5	41	4.3	<10	10	<5			
126812	4	0.6	0.02	1.65	2.98	0.10	0.11	0.83	12.5	0.12	74	29	1830	5.67	10	24	44.6	73.1	<3	26.1	55.4	12.3	2	<0.2	<1	<10	<5	25	4.5	<10	9	<5			
126813	7	<0.5	0.02	0.51	1.33	0.07	0.12	0.43	2.9	0.10	38	18	452	2.27	10	14	20.6	48.9	25	11.3	9.7	3.2	<1	<0.2	<1	<10	<5	167	83.1	<10	24	<5			
126814	1	<0.5	0.02	0.37	1.12	0.09	0.06	0.30	2.0	0.08	30	14	280	1.68	6	10	11.4	27.7	<3	7.8	8.3	2.4	1	<0.2	<1	<10	<5	81	13.6	<10	10	<5			
126815	2	0.8	0.06	2.70	5.83	0.12	0.12	1.25	7.8	0.13	59	30	1060	4.45	14	21	8.9	134	130	52.2	15.4	5.1	<1	<0.2	<1	<10	<5	35	11.7	<10	7	<5			
126816	4	0.6	0.03	1.65	3.65	0.07	0.03	0.76	8.0	0.09	103	30	1070	4.76	17	17	14.9	111	226	25.3	5.8	5.0	2	<0.2	<1	<10	<5	91	18.7	<10	19	<5			
126817	6	<0.5	0.02	0.36	0.86	0.10	0.08	0.39	3.9	0.06	30	13	348	1.58	5	9	11.5	22.4	<3	11.8	19.0	2.5	<1	<0.2	<1	<10	<5	128	7.7	<10	30	<5			
126818	7	<0.5	0.17	3.72	5.21	0.11	0.02	1.77	11.2	0.17	92	45	1520	4.41	67	26	50.9	54.6	687	97.4	18.9	7.5	2	<0.2	<1	<10	<5	76	27.7	<10	7	<5			
126819	4	<0.5	0.03	1.02	2.68	0.11	0.11	0.42	8.9	0.11	96	24	505	3.65	19	22	52.9	112	157	23.4	28.8	4.6	<1	<0.2	<1	<10	<5	183	12.3	<10	14	<5			
126820	2	0.5	0.02	0.55	1.69	0.04	0.05	0.15	3.0	0.10	38	20	249	2.27	8	16	9.9	103	<3	6.9	8.2	3.5	<1	<0.2	<1	<10	<5	106	25.7	<10	16	<5			
126821	2	<0.5	0.02	1.19	2.41	0.19	0.13	0.64	3.6	0.14	79	221	871	3.36	19	106	3.2	90.1	<3	25.5	7.1	2.9	1	<0.2	<1	<10	<5	115	13.0	<10	14	<5			
126822	2	<0.5	0.01	0.90	2.22	0.07	0.06	0.30	3.6	0.14	52	26	260	3.03	12	22	19.5	85.4	25	8.8	7.5	3.7	<1	<0.2	<1	<10	<5	162	28.9	<10	14	<5			
126823	5	<0.5	0.01	0.47	1.87	0.05	0.03	0.40	3.6	0.09	60	19	779	3.58	12	13	7.0	90.5	15	10.9	9.5	3.4	1	<0.2	<1	<10	<5	118	11.3	<10	11	<5			
126824	12	<0.5	0.03	0.62	1.46	0.08	0.12	0.35	3.9	0.10	42	21	541	2.31	7	13	13.9	38.9	<3	12.0	12.0	4.7	<1	<0.2	<1	<10	<5	84	11.9	<10	23	<5			
126825	8	<0.5	0.02	0.59	1.76	0.07	0.06	0.37	6.4	0.12	48	22	288	2.86	11	15	16.0	86.8	19	11.3	34.2	3.7	<1	<0.2	<1	<10	<5	98	19.6	<10	11	<5			
126826	5	<0.5	0.02	0.60	1.74	0.10	0.07	0.34	3.3	0.11	40	16	295	2.47	8	12	21.1	65.0	11	8.7	10.4	3.0	1	<0.2	<1	<10	<5	62	38.0	<10	13	<5			
126827	<1	1.0	0.01	2.24	2.35	0.09	0.14	0.69	2.0	0.09	38	20	4450	1.62	20	25	9.2	282	57	19.0	5.1	1.9	1	<0.2	<1	<10	<5	49	14.1	<10	7	<5			
126828	<1	<0.5	0.01	0.82	2.45	0.05	0.04	0.13	2.8	0.14	40	17	190	2.59	5	11	8.9	68.9	14	5.3	2.8	2.4	<1	<0.2	<1	<10	<5	257	8.5	<10	32	<5			
																												31	6.4	<10	9	<5			

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi		
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70			
Units	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm			
126829	<1	<0.5	0.01	0.05	0.30	0.04	0.04	0.24	<0.5	0.03	21	8	386	1.18	2	3	8.0	30.9	<3	7.8	1.6	0.9	<1	<0.2	<1	<10	<5	61	7.7	<10	8	<5		
126830	<1	<0.5	0.02	0.54	1.16	0.10	0.07	0.33	3.4	0.09	35	15	782	1.96	7	14	16.9	51.6	40	11.4	15.3	3.0	<1	<0.2	<1	<10	<5	52	22.3	<10	8	<5		
126831	1	<0.5	0.01	1.07	1.80	0.08	0.06	0.27	2.6	0.08	100	23	284	2.34	11	23	15.9	85.7	<3	7.3	8.9	4.5	3	<0.2	<1	<10	<5	47	14.5	<10	12	<5		
126832	7	<0.5	0.02	0.51	0.87	0.13	0.07	0.47	4.2	0.06	52	19	342	2.63	6	12	8.0	41.2	6	14.4	21.0	4.0	1	<0.2	<1	<10	<5	58	29.8	<10	9	<5		
126833	5	<0.5	0.02	2.05	3.40	0.06	1.45	0.26	9.4	0.41	133	50	2000	4.28	29	54	23.0	126	8	10.4	13.9	4.0	<1	<0.2	<1	<10	<5	37	<5	1150	35.6	<10	18	<5
126834	5	0.8	0.02	0.88	2.44	0.10	0.08	0.58	6.4	0.12	59	28	481	2.96	13	24	22.4	98.5	35	59.2	22.7	5.2	<1	<0.2	<1	<10	<5	164	35.6	<10	16	<5		
126835	<1	0.5	0.02	0.84	2.02	0.10	0.04	0.39	4.1	0.12	74	18	338	2.89	11	14	22.6	100	33	22.2	11.7	3.4	<1	<0.2	<1	<10	<5	52	17.6	<10	11	<5		
126836	1	0.6	0.02	1.47	1.79	0.10	0.06	0.71	8.9	0.09	102	39	490	4.52	19	58	42.6	165	<3	55.8	62.4	15.3	6	<0.2	<1	<10	<5	93	58.3	<10	28	<5		
126837	2	0.9	0.01	1.26	2.88	0.10	0.05	0.46	7.5	0.12	117	42	1090	3.91	14	42	17.0	362	<3	38.7	22.3	6.2	2	<0.2	<1	<10	<5	94	14.9	<10	12	<5		
126838	3	0.5	0.01	0.90	1.73	0.07	0.08	0.20	4.4	0.12	67	27	961	2.65	14	32	18.7	93.4	<3	9.1	10.1	3.9	1	<0.2	<1	<10	<5	118	19.2	<10	12	<5		
126839	<1	<0.5	0.02	0.58	1.26	0.10	0.08	0.33	4.2	0.07	63	19	432	1.93	8	16	16.9	45.3	<3	10.1	15.7	4.0	1	<0.2	<1	<10	<5	90	21.8	<10	13	<5		
126840	<1	0.5	0.01	1.76	2.27	0.03	0.02	0.39	3.7	0.08	210	35	263	3.16	12	31	21.1	135	<3	6.2	9.0	5.4	17	<0.2	<1	<10	<5	40	12.3	<10	15	<5		
126841	2	0.7	0.02	2.44	2.64	0.07	0.03	0.75	8.8	0.13	40	34	4820	4.37	24	31	23.1	197	<3	9.5	36.9	9.7	1	<0.2	<1	<10	<5	179	34.0	<10	25	<5		
*Dup 126709	2	0.6	0.01	1.24	3.17	0.05	0.16	0.32	3.7	0.13	40	18	808	2.87	10	13	10.4	132	<3	8.4	5.7	2.9	1	<0.2	<1	<10	<5	94	14.9	<10	12	<5		
*Dup 126721	1	<0.5	0.02	0.98	1.34	0.10	0.26	0.17	1.4	0.09	32	8	62	1.74	4	4	<0.5	21.7	<3	3.4	2.9	1.6	<1	<0.2	<1	<10	<5	58	9.2	<10	4	<5		
*Dup 126733	<1	<0.5	0.02	1.23	2.39	0.08	0.09	0.23	4.6	0.15	51	25	360	2.64	12	16	23.6	42.5	<3	7.8	9.4	3.8	<1	<0.2	<1	<10	<5	71	26.2	<10	11	<5		
*Dup 126745	2	0.5	0.02	0.51	2.27	0.04	0.03	0.10	2.4	0.12	49	21	116	2.79	6	11	4.3	47.7	<3	4.0	2.9	3.8	1	<0.2	<1	<10	<5	52	7.0	<10	10	<5		
*Dup 126757	3	<0.5	0.01	1.12	2.16	0.08	0.08	0.18	2.9	0.12	37	16	114	2.33	9	11	20.0	35.4	<3	4.3	6.5	2.8	<1	<0.2	<1	<10	<5	23	18.1	<10	8	<5		
*Dup 126769	<1	<0.5	0.02	0.52	1.37	0.11	0.07	0.28	2.8	0.09	37	18	219	1.82	7	12	14.0	28.9	<3	7.8	9.0	2.9	<1	<0.2	<1	<10	<5	51	12.8	<10	7	<5		
*Dup 126781	3	<0.5	0.01	0.82	2.58	0.06	0.04	0.15	3.0	0.13	50	21	197	2.90	10	14	10.9	65.7	3	5.6	2.8	2.7	1	<0.2	<1	<10	<5	84	7.1	<10	11	<5		
*Dup 126793	<1	<0.5	0.02	0.47	1.52	0.07	0.07	0.18	2.7	0.10	38	18	134	2.12	7	13	32.2	59.4	<3	5.0	10.6	2.9	1	<0.2	<1	<10	<5	112	22.1	<10	10	<5		
*Dup 126805	3	<0.5	0.02	0.58	1.48	0.08	0.12	0.17	3.9	0.11	41	19	318	2.16	8	12	17.9	36.8	<3	6.6	10.5	3.9	<1	<0.2	<1	<10	<5	62	22.6	<10	7	<5		
*Dup 126817	9	<0.5	0.02	0.34	0.81	0.10	0.08	0.37	3.7	0.06	29	12	329	1.50	5	9	10.8	21.3	7	11.7	18.1	2.3	<1	<0.2	<1	<10	<5	73	27.1	<10	6	<5		
*Dup 126829	2	<0.5	0.01	0.05	0.32	0.04	0.04	0.26	0.5	0.03	22	8	402	1.26	2	3	7.8	32.1	<3	8.5	1.6	1.0	<1	<0.2	<1	<10	<5	64	7.8	<10	10	<5		
*Dup 126841	2	0.7	0.02	2.46	2.62	0.07	0.03	0.75	8.5	0.13	40	35	4770	4.35	23	31	22.3	194	<3	9.5	35.7	9.6	<1	<0.2	<1	<10	<5	176	32.4	<10	23	<5		

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Ident. No.	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5
	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C-284	<1	<0.5	0.01	1.01	2.67	0.05	0.03	1.02	4.5	0.11	65	25	339	3.58	14	14	5.4	251	145	19.3	5.8	2.7	1	<0.2	<1	<10	<5	67	6.7	<10	21	<5
C-285	<1	1.3	0.01	1.85	3.08	0.08	0.17	1.16	7.1	0.08	60	33	2430	4.46	18	25	12.3	319	82	13.3	15.3	4.9	<1	<0.2	<1	<10	<5	294	17.0	<10	20	<5
C-286	<1	<0.5	0.02	0.44	1.14	0.06	0.05	0.24	2.5	0.10	42	19	301	2.14	6	10	9.4	54.3	24	6.2	8.0	2.4	<1	<0.2	<1	<10	<5	50	13.3	<10	7	<5
C-287	<1	<0.5	0.02	0.33	0.85	0.07	0.05	0.28	2.5	0.07	28	13	357	1.47	5	10	12.5	43.6	<3	8.6	12.2	1.9	1	<0.2	<1	<10	<5	44	23.6	<10	6	<5
C-288	<1	<0.5	0.03	0.57	1.33	0.09	0.09	0.48	4.2	0.08	38	19	548	2.14	8	15	17.3	68.6	52	14.1	20.6	2.6	<1	<0.2	<1	<10	<5	86	24.7	<10	9	<5
C-289	<1	<0.5	0.03	0.66	1.59	0.08	0.08	0.46	4.8	0.10	43	22	638	2.33	8	14	20.6	78.5	22	13.9	20.9	3.6	<1	<0.2	<1	<10	<5	99	27.7	<10	12	<5
C-290	<1	0.8	<0.01	2.55	3.23	0.14	0.09	1.42	9.0	0.04	37	24	2610	5.72	17	36	13.7	300	53	13.6	26.1	5.3	<1	<0.2	<1	<10	<5	117	29.9	<10	70	<5
C-291	<1	0.7	0.02	1.15	2.89	0.09	0.12	0.47	6.2	0.16	78	28	489	3.43	15	20	22.4	77.5	23	10.7	11.0	3.5	<1	<0.2	<1	<10	<5	111	20.5	<10	11	<5
C-292	<1	0.7	0.02	1.17	2.64	0.06	0.09	0.28	6.4	0.14	60	29	381	3.13	10	17	16.9	115	32	8.6	14.3	3.6	<1	<0.2	<1	<10	<5	116	20.1	<10	16	<5
C-293	<1	<0.5	0.02	0.46	1.33	0.09	0.07	0.39	3.6	0.09	37	18	989	2.05	20	26	13.5	282	<3	13.2	13.6	2.3	<1	<0.2	<1	<10	<5	117	19.2	<10	9	<5
C-294	4	0.7	0.01	0.90	2.97	0.07	0.14	0.22	4.6	0.12	61	46	387	2.74	8	14	6.8	1580	<3	6.2	3.2	1.9	<1	0.8	<1	<10	<5	65	8.7	<10	60	<5
C-295	10	<0.5	0.02	0.70	2.06	0.07	0.08	0.29	3.7	0.12	44	19	292	2.39	11	32	35.1	4390	3	9.3	9.6	2.4	<1	<0.2	<1	<10	<5	99	13.3	<10	15	<5
C-296	6	<0.5	0.01	0.84	2.78	0.07	0.15	0.24	3.5	0.14	51	16	1280	3.51	9	10	12.0	215	<3	9.2	2.7	1.9	1	<0.2	<1	<10	<5	101	6.0	<10	13	<5
C-297	3	<0.5	0.02	0.78	2.23	0.08	0.05	0.37	3.2	0.11	43	21	237	2.43	10	21	16.8	155	58	11.8	7.8	3.2	<1	<0.2	<1	<10	<5	61	12.7	<10	15	<5
C-298	2	0.7	0.02	1.26	2.95	0.07	0.06	0.29	5.0	0.14	65	48	467	3.25	14	32	24.5	218	73	7.9	8.2	3.5	<1	<0.2	<1	<10	<5	86	15.7	<10	18	<5
C-299	1	<0.5	<0.01	3.25	2.89	0.09	<0.01	1.08	4.1	0.12	33	19	4420	5.32	26	29	1.1	208	374	11.6	15.2	6.0	<1	<0.2	<1	<10	<5	277	14.2	<10	32	<5
C-300	2	1.0	0.02	2.99	3.70	0.12	0.13	2.26	9.3	0.07	50	31	2160	3.79	15	28	22.4	1420	53	99.1	30.3	5.8	<1	0.5	<1	<10	<5	2300	39.2	<10	60	<5
C-301	5	0.5	0.01	0.97	2.90	0.07	0.09	0.69	2.6	0.07	44	18	870	4.95	13	33	33.4	735	117	14.2	5.8	5.4	4	1.4	<1	<10	<5	156	7.5	<10	32	<5
C-302	127	0.8	0.01	1.86	4.07	0.10	0.04	1.09	10.5	0.10	104	21	1410	5.16	21	23	26.8	476	73	11.9	15.4	4.9	<1	<0.2	<1	<10	<5	128	15.1	<10	48	<5
C-303	5	0.9	0.16	3.32	5.20	0.10	0.04	1.83	10.9	0.11	81	37	1510	4.94	22	39	90.9	104	103	87.9	29.2	3.5	<1	<0.2	<1	<10	<5	154	21.1	<10	16	<5
C-304	1	0.7	0.02	1.74	3.59	0.06	0.04	0.96	5.8	0.12	73	65	412	4.09	17	36	16.5	196	87	17.2	8.7	4.7	<1	<0.2	<1	<10	<5	97	15.2	<10	25	<5
C-305	3	0.6	0.01	3.04	2.88	0.10	0.04	2.05	7.6	0.08	45	25	4920	7.47	24	24	64.9	220	132	21.1	22.9	8.2	<1	0.3	<1	<10	<5	216	26.4	<10	55	<5
C-306	4	1.2	0.06	2.25	4.45	0.08	0.08	1.07	10.9	0.10	55	42	334	4.36	23	53	46.9	76.2	133	44.9	19.0	7.0	<1	<0.2	<1	<10	<5	54	22.3	<10	23	<5
C-307	3	0.7	0.03	2.04	3.78	0.04	0.03	0.44	4.7	0.09	57	29	311	3.60	14	24	23.8	144	24	15.2	6.4	5.5	<1	<0.2	<1	<10	<5	88	8.6	<10	20	<5
C-308	2	<0.5	0.03	3.27	2.39	0.06	0.03	7.81	8.4	0.05	37	21	721	3.79	18	31	53.1	90.4	159	119	35.2	6.1	<1	<0.2	<1	<10	<5	99	34.5	<10	17	<5
C-309	3	0.5	0.02	0.73	2.27	0.03	0.05	0.27	3.3	0.13	55	23	236	3.17	10	16	5.6	75.0	15	9.0	5.0	3.1	<1	<0.2	<1	<10	<5	74	7.3	<10	13	<5
C-310	<1	<0.5	0.02	0.25	1.10	0.03	0.02	0.11	1.3	0.08	32	13	73	1.63	4	7	3.3	25.2	<3	3.8	4.0	1.8	<1	<0.2	<1	<10	<5	37	6.0	<10	5	<5
C-311	1	<0.5	0.02	0.29	1.23	0.04	0.04	0.17	1.5	0.09	39	14	413	2.25	5	8	4.3	52.7	32	7.5	3.5	2.2	<1	<0.2	<1	<10	<5	69	6.7	<10	9	<5
C-312	1	<0.5	0.02	0.71	2.05	0.03	0.03	0.20	3.3	0.09	43	22	318	2.64	9	15	15.1	85.4	28	9.7	7.5	3.2	<1	<0.2	<1	<10	<5	79	11.4	<10	10	<5
C-313	1	<0.5	0.02	0.63	2.04	0.03	0.03	0.19	2.6	0.11	52	20	206	2.93	10	19	10.0	98.5	31	7.3	3.9	2.6	<1	<0.2	<1	<10	<5	81	6.4	<10	11	<5

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Ident.	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Limit	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5
Unit	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C-314	7	<0.5	0.02	0.76	2.26	0.04	0.05	0.40	3.2	0.10	42	25	176	2.43	11	22	16.0	79.7	28	9.7	5.6	2.7	<1	<0.2	<1	<10	<5	73	8.5	<10	12	<5
C-315	4	<0.5	0.01	0.99	2.07	0.08	0.05	0.26	2.8	0.16	54	39	320	3.13	12	22	7.4	214	41	6.7	4.1	2.8	<1	<0.2	<1	<10	<5	57	6.9	<10	12	<5
C-316	6	<0.5	0.02	0.26	0.64	0.08	0.05	0.25	1.7	0.06	20	9	224	1.09	4	7	8.5	15.5	<3	7.1	9.8	1.8	<1	<0.2	<1	<10	<5	32	12.9	<10	4	<5
C-317	3	0.5	0.02	0.82	2.30	0.05	0.07	0.23	3.4	0.12	49	28	245	2.72	11	22	18.8	197	26	7.0	5.6	3.1	<1	<0.2	<1	<10	<5	81	10.3	<10	14	<5
C-318	9	<0.5	0.02	0.51	1.56	0.05	0.04	0.21	2.2	0.10	47	16	313	2.44	8	14	7.0	331	<3	6.4	5.2	2.0	<1	<0.2	<1	<10	<5	60	6.4	<10	13	<5
C-319	7	<0.5	0.03	0.85	1.51	0.13	0.17	0.58	6.4	0.12	51	25	990	3.05	13	19	30.2	99.3	49	18.6	30.5	3.4	<1	<0.2	<1	<10	<5	105	35.8	<10	11	<5
C-320	7	0.5	0.02	0.95	2.06	0.07	0.08	0.29	6.0	0.10	46	18	764	3.07	15	32	47.9	255	25	8.5	17.4	3.1	<1	<0.2	<1	<10	<5	80	21.2	<10	12	<5
C-321	3	<0.5	0.02	0.90	1.77	0.08	0.08	0.36	5.8	0.12	47	21	598	2.59	10	15	17.9	51.5	23	10.5	15.8	3.7	<1	<0.2	<1	<10	<5	94	28.9	<10	12	<5
C-322	2	<0.5	0.02	0.55	1.80	0.08	0.05	0.46	3.5	0.07	43	12	635	3.18	10	12	3.8	116	<3	10.4	5.8	2.5	<1	<0.2	<1	<10	<5	78	6.9	<10	12	<5
C-323	6	<0.5	0.03	2.53	4.32	0.08	0.03	0.96	4.3	0.10	46	28	1600	3.55	10	23	13.5	220	100	32.1	5.3	2.7	<1	<0.2	<1	<10	<5	98	8.3	<10	15	<5
C-324	33	0.5	0.03	3.84	4.09	0.15	0.09	1.28	15.6	0.06	104	140	2890	6.62	46	72	64.6	274	1550	30.9	23.2	4.5	1	0.6	3	<10	<5	253	19.6	<10	35	<5
C-325	14	<0.5	0.02	1.06	2.11	0.07	0.06	0.30	4.3	0.14	59	23	409	3.20	12	16	20.2	101	75	7.6	7.1	2.8	<1	<0.2	<1	<10	<5	68	10.8	<10	13	<5
C-326	4	<0.5	0.02	0.42	0.90	0.09	0.05	0.33	2.3	0.08	27	14	156	1.84	5	6	4.8	44.2	52	9.0	8.4	2.1	<1	<0.2	<1	<10	<5	41	11.5	<10	9	<5
C-327	3	<0.5	0.02	0.29	0.98	0.08	0.03	0.26	1.7	0.07	26	14	166	1.31	9	11	23.7	33.0	<3	8.4	8.2	1.7	<1	<0.2	<1	<10	<5	23	9.8	<10	5	<5
C-328	1	<0.5	0.02	0.25	0.86	0.10	0.03	0.26	1.3	0.06	26	11	133	1.28	4	7	5.0	26.8	<3	7.7	8.3	1.7	<1	<0.2	<1	<10	<5	27	10.1	<10	4	<5
C-329	1	<0.5	0.02	0.55	1.73	0.08	0.06	0.20	2.6	0.11	42	18	166	2.16	8	14	13.6	61.2	13	5.8	7.6	2.2	<1	<0.2	<1	<10	<5	62	13.0	<10	7	<5
C-330	1	0.7	0.01	1.82	3.61	0.09	0.06	0.76	6.6	0.06	86	32	368	3.91	14	17	14.7	380	135	22.9	4.6	2.4	<1	<0.2	<1	<10	<5	303	7.0	<10	30	<5
C-331	8	0.9	0.01	1.11	3.54	0.25	0.06	0.67	4.0	0.07	55	21	1810	4.14	14	19	12.8	499	68	9.2	6.9	2.6	<1	<0.2	<1	<10	<5	177	12.4	<10	33	<5
C-332	3	<0.5	0.02	0.66	1.78	0.09	0.09	0.35	2.4	0.14	51	20	609	2.94	8	11	8.6	339	10	11.3	3.3	2.0	1	<0.2	<1	<10	<5	88	6.7	<10	22	<5
C-333	5	<0.5	0.02	0.41	1.48	0.13	0.07	0.21	2.0	0.10	40	16	320	2.70	7	10	6.3	119	73	7.5	3.9	1.9	<1	<0.2	<1	<10	<5	43	7.4	<10	9	<5
C-334	<1	0.5	0.02	0.51	1.84	0.07	0.06	0.17	2.8	0.14	51	19	285	3.00	8	13	8.3	102	4	5.7	5.1	2.6	<1	<0.2	<1	<10	<5	59	8.1	<10	14	<5
C-335	<1	0.7	0.06	1.21	2.17	0.10	0.29	0.85	9.0	0.20	64	34	865	3.37	12	24	30.2	71.5	<3	28.0	36.3	6.1	<1	<0.2	<1	<10	<5	180	48.9	<10	11	<5
C-336	<1	<0.5	0.03	1.10	1.49	0.17	0.13	0.85	9.2	0.13	109	21	400	3.41	9	8	22.2	46.9	<3	17.4	23.6	3.3	<1	<0.2	<1	<10	<5	101	32.2	<10	11	<5
C-337	<1	<0.5	0.02	0.29	1.76	0.04	0.05	0.13	1.9	0.11	41	18	104	2.32	6	12	6.0	54.5	<3	4.6	4.3	2.6	<1	<0.2	<1	<10	<5	60	5.8	<10	8	<5
C-338	<1	0.7	0.04	1.14	2.20	0.10	0.11	0.70	10.8	0.16	69	32	814	3.44	16	30	41.7	100	36	61.6	52.2	6.1	<1	<0.2	<1	<10	<5	149	65.7	<10	22	<5
C-339	<1	1.1	0.02	0.71	2.76	0.09	0.06	0.65	6.3	0.12	51	29	395	2.91	14	26	15.1	162	7	69.4	35.8	5.5	1	<0.2	<1	<10	<5	101	42.6	<10	37	<5
C-340	<1	<0.5	0.02	0.28	1.19	0.07	0.06	0.74	4.8	0.09	30	14	388	2.62	11	28	13.0	176	<3	769	22.7	4.0	<1	<0.2	<1	<10	<5	91	24.5	<10	46	<5
C-341	1	0.5	0.02	1.72	2.61	0.10	0.30	0.74	9.4	0.29	118	44	592	3.45	18	32	20.4	132	<3	28.9	17.9	7.6	5	<0.2	<1	<10	<5	1070	28.7	<10	15	<5
C-342	<1	<0.5	0.03	0.35	0.65	0.11	0.05	0.42	2.8	0.05	41	13	225	1.82	4	9	6.7	149	<3	10.9	12.9	2.2	4	<0.2	<1	<10	<5	48	17.2	<10	6	<5
C-343	<1	0.7	0.02	1.30	2.41	0.04	0.03	0.23	8.5	0.16	303	34	1440	2.80	10	36	23.1	136	<3	7.8	22.9	4.6	12	<0.2	<1	<10	<5	61	18.2	<10	12	<5

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Elem.	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Lab.	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Unit	ppb	ppm	%	%	%	%	%	%	0.5 ppm	0.01 %	2 ppm	1 ppm	2 ppm	0.01 %	1 ppm	1 ppm	0.5 ppm	0.5 ppm	3 ppm	0.5 ppm	0.5 ppm	0.5 ppm	1 ppm	0.2 ppm	1 ppm	10 ppm	5 ppm	1 ppm	0.5 ppm	10 ppm	2 ppm	5 ppm
0344	2	0.6	0.02	0.88	2.03	0.04	0.06	0.19	5.8	0.12	50	22	1240	2.84	13	20	17.1	134	42	6.3	20.3	3.2	<1	<0.2	<1	<10	<5	87	24.4	<10	27	<5
0345	1	<0.5	0.02	0.16	0.77	0.03	0.03	0.08	1.0	0.06	32	10	196	2.27	4	6	4.3	37.2	<3	3.3	3.5	1.7	<1	<0.2	<1	<10	<5	28	13.2	<10	13	<5
0346	12	<0.5	0.02	0.30	0.64	0.03	0.15	0.03	1.9	0.05	29	10	1860	1.02	9	10	6.3	30.6	<3	2.0	5.3	0.8	<1	<0.2	<1	<10	<5	70	42.9	<10	6	<5
0347	3	0.5	0.02	0.76	1.78	0.09	0.16	0.32	4.6	0.11	44	20	551	2.25	9	14	18.2	50.5	17	9.5	13.6	3.6	1	<0.2	<1	<10	<5	108	26.1	<10	10	<5
0348	2	<0.5	0.02	0.84	1.54	0.08	0.10	0.37	2.9	0.11	49	18	851	2.47	12	16	25.3	92.5	45	9.6	8.6	2.6	<1	<0.2	<1	<10	<5	58	11.1	<10	14	<5
0349	2	0.5	0.03	0.83	2.52	0.07	0.09	0.62	6.1	0.12	66	32	353	3.19	15	28	27.1	43.6	67	16.2	21.9	3.7	<1	<0.2	<1	<10	<5	106	29.0	<10	8	<5
0350	<1	0.6	0.02	1.33	2.60	0.08	0.03	0.97	7.2	0.14	50	31	378	3.93	17	31	32.4	93.8	76	19.7	30.0	4.2	<1	0.3	<1	<10	<5	107	28.1	<10	22	<5
0351	1	<0.5	0.02	0.32	1.04	0.08	0.04	0.33	3.1	0.07	31	14	148	1.60	5	9	10.9	29.6	12	8.6	29.8	1.8	<1	<0.2	<1	<10	<5	38	24.9	<10	5	<5
0352	<1	0.6	0.02	0.50	1.77	0.08	0.06	0.34	5.1	0.09	46	21	493	2.51	9	15	12.3	64.7	10	12.3	18.3	2.7	<1	<0.2	<1	<10	<5	136	24.0	<10	14	<5
0353	3	<0.5	0.05	1.33	2.40	0.09	0.14	0.75	5.9	0.17	43	20	654	2.89	14	20	36.0	50.3	54	22.8	21.1	3.2	<1	<0.2	<1	<10	<5	84	30.1	<10	9	<5
0354	<1	<0.5	0.02	0.65	1.94	0.07	0.07	0.29	2.9	0.12	52	22	389	2.87	11	19	13.8	96.5	24	9.7	7.3	2.5	<1	<0.2	<1	<10	<5	89	11.3	<10	11	<5
0355	1	<0.5	0.02	0.74	2.21	0.12	0.12	0.48	3.3	0.14	56	59	270	2.88	13	27	21.0	84.2	35	11.7	7.4	2.4	<1	<0.2	<1	<10	<5	67	11.6	<10	10	<5
0356	3	0.7	0.06	1.59	4.24	0.09	0.21	0.98	10.9	0.26	100	27	733	4.37	15	22	30.2	82.6	232	47.9	18.6	3.4	<1	<0.2	<1	14	<5	167	21.5	<10	16	<5
0357	10	<0.5	0.05	2.76	4.65	0.14	0.10	1.17	9.3	0.13	67	77	1880	4.79	21	38	40.5	158	881	38.5	30.8	4.6	<1	0.2	<1	<10	<5	214	26.0	<10	18	<5
0358	6	<0.5	0.02	1.71	3.50	0.28	0.08	1.01	34.7	0.06	108	24	6030	12.8	27	30	20.9	308	206	30.4	109	7.2	<1	<0.2	<1	<10	<5	348	28.7	<10	36	6
0359	12	0.6	0.02	0.85	2.42	0.09	0.09	0.35	4.3	0.12	64	25	289	3.18	14	22	27.0	87.9	71	9.7	9.1	3.0	<1	<0.2	<1	<10	<5	169	13.6	<10	14	<5
0360	5	0.6	0.02	0.82	1.90	0.09	0.11	0.27	5.3	0.13	63	21	556	2.95	12	22	42.0	141	228	7.6	18.3	3.1	<1	<0.2	<1	<10	<5	83	26.7	<10	32	<5
0361	3	<0.5	0.02	0.47	0.95	0.12	0.10	0.38	4.4	0.07	35	15	533	1.98	8	14	20.0	352	203	10.7	18.0	2.6	<1	<0.2	<1	<10	<5	77	29.4	<10	10	<5
0362	<1	0.7	0.02	2.60	3.44	0.09	0.24	0.54	8.7	0.12	70	20	1870	3.99	17	19	10.7	265	289	11.9	18.9	4.1	<1	<0.2	<1	<10	<5	125	26.9	<10	32	<5
0363	<1	<0.5	0.02	0.24	0.58	0.10	0.04	0.31	2.1	0.05	21	8	268	1.11	3	5	4.2	17.9	<3	9.9	12.9	1.6	<1	<0.2	<1	<10	<5	21	25.6	<10	3	<5
0364	<1	<0.5	0.02	0.31	0.93	0.10	0.05	0.32	2.0	0.07	29	13	187	1.45	5	8	6.2	19.3	<3	12.2	8.9	1.9	<1	<0.2	<1	<10	<5	26	12.7	<10	6	<5
0365	<1	<0.5	0.02	0.68	2.42	0.14	0.11	0.34	3.4	0.13	57	48	142	2.63	5	18	4.2	29.9	<3	11.8	8.9	2.8	<1	<0.2	<1	<10	<5	54	24.6	<10	6	<5
0366	2	<0.5	0.02	0.66	1.49	0.09	0.10	0.27	4.0	0.10	49	22	428	2.62	9	16	13.1	103	24	8.1	12.3	2.9	2	0.2	<1	<10	<5	59	19.3	<10	15	<5
0367	1	0.7	0.03	0.82	2.11	0.10	0.29	0.47	7.4	0.15	55	29	667	2.82	10	18	21.3	50.5	<3	21.4	21.4	5.6	1	<0.2	<1	<10	<5	152	49.4	<10	10	<5
0368	<1	<0.5	0.02	0.30	1.57	0.09	0.06	0.29	1.9	0.09	42	18	504	2.35	7	13	8.2	85.5	<3	10.6	6.3	2.1	<1	<0.2	<1	<10	<5	89	10.5	<10	9	<5
0369	<1	<0.5	0.02	0.24	1.13	0.08	0.04	0.22	2.4	0.06	29	14	234	1.66	6	11	11.4	30.2	<3	6.6	11.1	2.4	<1	<0.2	<1	<10	<5	60	15.6	<10	5	<5
0370	<1	<0.5	0.02	0.45	1.33	0.09	0.12	0.28	3.1	0.11	37	16	293	2.18	9	14	16.7	44.1	<3	8.3	10.7	3.3	<1	<0.2	<1	<10	<5	72	17.0	<10	9	<5
0371	<1	<0.5	0.02	0.44	1.19	0.03	0.15	0.30	2.9	0.14	62	14	135	2.31	6	8	16.0	46.5	7	10.1	3.8	1.9	<1	<0.2	<1	<10	<5	128	7.4	<10	14	<5
0372	1	0.6	0.01	1.23	2.87	0.07	0.43	0.36	10.3	0.25	125	35	907	4.50	17	27	22.0	216	132	10.3	4.9	3.1	<1	<0.2	<1	18	<5	248	7.6	<10	36	<5
0373	1	<0.5	0.02	0.63	1.73	0.09	0.12	0.27	4.1	0.12	59	24	262	2.73	14	20	26.2	80.0	31	6.6	8.9	2.7	<1	<0.2	<1	<10	<5	56	12.8	<10	13	<5

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Element Method Det.Lim. Units	Au FA30/1 1 ppb	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm
C-374	<1	<0.5	0.01	0.26	1.38	0.03	0.04	0.11	1.9	0.10	45	15	95	2.24	5	9	5.6	59.0	9	3.7	3.2	2.0	<1	<0.2	<1	<10	<5	32	5.7	<10	10	<5
C-375	<1	0.5	0.01	1.07	2.81	0.04	0.12	0.22	6.1	0.20	75	29	171	3.45	13	19	18.3	113	8	7.6	4.6	2.9	<1	<0.2	<1	<10	<5	64	9.7	<10	12	<5
C-376	<1	<0.5	0.01	0.75	2.19	0.06	0.08	0.20	3.8	0.14	60	29	182	3.27	11	16	11.2	101	4	7.0	5.4	2.5	<1	<0.2	<1	<10	<5	52	8.8	<10	14	<5
C-377	<1	<0.5	0.02	0.43	1.59	0.03	0.06	0.19	2.8	0.13	51	22	123	2.58	7	13	6.1	100	9	5.5	5.9	2.5	<1	<0.2	<1	<10	<5	43	6.9	<10	12	<5
C-378	<1	0.6	0.02	0.69	2.49	0.09	0.13	0.20	4.7	0.13	62	26	260	3.25	10	20	14.7	83.3	33	5.7	8.4	3.2	<1	<0.2	<1	<10	<5	67	12.4	<10	15	<5
C-379	<1	0.7	0.02	0.85	2.29	0.07	0.19	0.37	7.0	0.14	73	36	559	3.03	13	22	20.0	93.7	32	14.4	14.7	4.0	<1	<0.2	<1	<10	<5	108	23.7	<10	19	<5
C-380	<1	<0.5	0.02	0.83	2.20	0.09	0.20	0.88	2.6	0.13	39	12	658	3.17	7	8	6.2	113	<3	27.5	2.2	1.8	<1	<0.2	<1	<10	<5	94	6.7	<10	11	<5
C-381	<1	<0.5	0.01	1.37	3.64	0.07	0.21	0.46	10.4	0.31	167	35	322	5.10	15	18	16.4	151	<3	12.4	4.5	2.9	1	<0.2	<1	23	<5	70	11.2	<10	14	<5
C-382	2	0.5	0.02	1.06	3.13	0.09	0.07	0.30	5.0	0.16	62	24	193	3.25	13	26	34.4	56.4	49	7.9	9.2	3.2	<1	<0.2	<1	<10	<5	37	17.2	<10	17	<5
C-383	<1	<0.5	0.02	1.52	3.39	0.07	0.20	0.46	4.5	0.18	45	17	312	3.30	9	13	10.6	157	<3	12.8	3.2	2.4	<1	<0.2	<1	<10	<5	54	8.6	<10	10	<5
C-384	<1	<0.5	0.01	0.71	2.01	0.15	0.32	0.50	5.1	0.16	86	23	745	4.27	12	11	8.2	157	<3	12.7	4.1	2.5	<1	<0.2	<1	<10	<5	80	11.0	<10	16	<5
C-385	1	<0.5	0.02	0.62	1.82	0.08	0.14	0.24	4.6	0.11	68	29	454	2.83	13	22	28.1	85.0	36	6.4	10.2	2.7	<1	<0.2	<1	<10	<5	75	13.8	<10	17	<5
C-386	<1	<0.5	0.02	0.39	1.64	0.11	0.07	0.21	2.5	0.11	47	18	247	2.67	7	11	7.8	103	<3	5.8	5.9	2.3	<1	<0.2	<1	<10	<5	43	9.0	<10	13	<5
C-387	<1	<0.5	0.02	0.58	1.74	0.05	0.11	0.55	3.0	0.12	51	22	411	2.56	7	14	10.4	88.0	6	13.1	6.4	2.4	<1	<0.2	<1	<10	<5	79	10.6	<10	13	<5
C-388	6	0.6	0.02	0.66	2.04	0.07	0.14	0.22	5.2	0.12	59	23	350	2.87	13	18	18.7	75.3	49	7.3	10.8	3.8	<1	<0.2	<1	<10	<5	69	14.4	<10	14	<5
C-389	12	<0.5	<0.01	4.99	4.32	0.05	0.19	0.73	13.9	0.21	69	54	1240	5.14	10	30	32.8	182	<3	19.3	25.0	5.9	7	<0.2	<1	16	<5	41	23.3	<10	15	<5
C-390	5	<0.5	0.03	0.54	0.64	0.08	0.14	11.8	3.3	0.05	29	10	334	1.49	8	11	15.3	35.7	18	131	14.5	1.8	2	<0.2	<1	<10	<5	41	14.8	<10	9	<5
C-391	4	0.5	0.03	0.49	2.04	0.05	0.08	0.44	6.5	0.11	69	26	185	2.96	14	16	15.8	53.7	40	16.1	11.7	4.2	2	<0.2	<1	<10	<5	86	15.7	<10	18	<5
C-392	4	0.7	0.02	0.62	2.33	0.07	0.17	0.42	10.6	0.12	70	27	661	3.61	14	25	27.1	124	62	15.4	35.1	5.7	<1	<0.2	<1	<10	<5	120	42.6	<10	31	<5
C-393	6	<0.5	0.02	0.76	1.84	0.03	0.09	0.31	4.1	0.16	78	20	592	3.00	10	13	11.0	94.0	5	8.7	3.1	2.5	<1	<0.2	<1	<10	<5	81	5.8	<10	12	<5
C-394	<1	<0.5	0.01	1.43	3.56	0.09	0.16	0.21	9.0	0.22	151	30	295	5.24	24	25	75.9	128	13	5.1	7.5	3.1	<1	<0.2	<1	16	<5	132	10.4	<10	10	<5
C-395	3	0.6	0.02	0.70	2.86	0.07	0.09	0.31	4.7	0.14	86	31	187	3.67	13	21	23.3	125	19	8.9	4.8	3.2	<1	<0.2	<1	<10	<5	103	10.6	<10	12	<5
C-396	2	0.6	0.02	0.65	2.35	0.10	0.07	0.38	5.3	0.11	104	40	283	4.17	15	21	49.9	87.4	7	10.6	10.2	3.0	1	<0.2	<1	<10	<5	77	15.6	<10	14	<5
C-397	<1	<0.5	0.02	0.47	1.66	0.03	0.06	0.21	3.5	0.10	38	21	417	1.97	8	15	12.3	69.1	4	7.6	11.3	2.3	<1	<0.2	<1	<10	<5	87	15.4	<10	9	<5
C-398	<1	<0.5	0.02	0.91	2.47	0.08	0.10	0.19	3.1	0.15	47	21	248	3.08	9	14	11.7	62.7	<3	5.7	4.6	2.2	<1	<0.2	<1	<10	<5	40	11.4	<10	9	<5
C-399	<1	<0.5	0.01	1.06	2.15	0.05	0.06	0.23	2.4	0.13	38	12	927	2.67	11	9	6.7	100	4	6.1	1.7	1.6	<1	<0.2	<1	<10	<5	73	4.7	<10	8	<5
C-400	17	0.7	0.01	1.12	2.76	0.09	0.38	0.31	11.7	0.18	95	37	560	4.06	16	24	34.7	94.3	50	12.1	22.0	5.2	<1	<0.2	<1	13	<5	104	47.8	<10	21	<5
C-401	<1	<0.5	0.02	1.40	2.71	0.06	0.21	0.34	6.9	0.19	100	38	282	3.77	17	19	29.1	74.2	<3	10.5	7.1	2.8	<1	<0.2	<1	<10	<5	61	9.6	<10	12	<5
C-402	<1	<0.5	0.02	1.33	2.85	0.06	0.20	0.21	6.5	0.20	101	53	291	3.82	20	26	39.6	119	<3	5.3	4.2	2.2	<1	<0.2	<1	12	<5	89	8.7	<10	9	<5
C-403	<1	0.6	0.02	0.87	3.15	0.09	0.12	0.35	3.7	0.15	80	28	249	3.55	15	23	32.0	117	15	13.7	5.9	2.8	<1	<0.2	<1	<10	<5	83	12.7	<10	12	<5

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Ident.	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sb	Ba	La	W	Pb	Bi	
od.	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70		
Lim.	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	1	0.5	10	2	5	
	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
1404	<1	<0.5	0.02	0.56	2.07	0.08	0.10	0.23	4.3	0.10	105	13	1400	3.79	17	13	26.0	154	<3	7.1	5.2	2.4	<1	<0.2	<1	<10	<5	96	9.6	<10	15	<5
1405	<1	<0.5	0.02	0.63	1.95	0.10	0.16	0.28	5.1	0.11	69	22	228	2.61	14	17	31.9	50.2	9	7.1	10.0	3.1	<1	<0.2	<1	<10	<5	67	15.2	<10	9	<5
1406	1	<0.5	0.01	0.79	2.69	0.05	0.09	0.15	4.0	0.20	73	72	188	3.82	14	21	12.1	111	34	5.1	2.7	2.5	<1	<0.2	<1	<10	<5	39	7.0	<10	12	<5
1407	3	0.7	0.02	1.01	2.53	0.10	0.25	0.31	11.4	0.16	80	37	714	3.66	16	29	39.5	77.5	30	13.3	30.1	6.5	1	<0.2	<1	<10	<5	149	46.6	<10	19	<5
1408	<1	<0.5	0.01	1.15	2.46	0.05	0.19	0.20	5.4	0.25	70	28	531	3.36	11	19	14.1	116	<3	6.0	2.2	1.9	<1	<0.2	<1	<10	<5	94	5.2	<10	11	<5
1409	8	<0.5	0.01	0.85	2.16	0.10	0.09	0.32	6.3	0.19	126	15	780	4.66	16	14	37.2	147	<3	10.2	4.5	2.7	<1	<0.2	<1	<10	<5	70	8.8	<10	15	<5
1410	1	<0.5	0.01	0.65	2.18	0.08	0.06	0.13	2.9	0.16	56	20	317	3.85	10	13	7.2	129	28	4.7	2.4	2.3	<1	<0.2	<1	<10	<5	48	6.3	<10	14	<5
1411	3	0.5	0.02	0.79	2.45	0.03	0.09	0.29	5.3	0.19	70	24	212	2.77	10	17	8.2	69.9	<3	7.9	6.1	2.7	<1	<0.2	<1	<10	<5	91	8.9	<10	11	<5
1412	5	0.5	0.01	1.42	3.69	0.06	0.22	0.22	7.2	0.24	80	22	170	4.13	10	16	37.9	49.7	95	7.7	7.3	3.2	<1	<0.2	<1	<10	<5	59	21.1	<10	9	<5
1413	1	<0.5	0.01	1.04	2.00	0.05	0.26	0.14	5.8	0.18	104	39	152	3.42	17	25	52.3	83.1	18	4.2	2.4	2.1	<1	<0.2	<1	<10	<5	65	4.6	<10	17	<5
1414	<1	<0.5	0.02	0.31	1.08	0.06	0.06	0.27	2.0	0.08	30	16	165	1.74	8	11	10.3	31.2	4	10.0	8.3	2.2	<1	<0.2	<1	<10	<5	49	15.5	<10	6	<5
1415	1	<0.5	0.02	0.78	1.51	0.07	0.12	1.02	3.5	0.12	49	21	375	2.30	9	15	16.0	88.5	7	18.2	11.5	3.3	<1	<0.2	<1	<10	<5	83	17.8	<10	13	<5
1416	<1	0.6	0.02	0.68	2.37	0.05	0.07	0.22	3.8	0.14	57	25	164	2.68	9	16	9.3	101	11	8.2	7.4	3.7	1	<0.2	<1	<10	<5	87	10.1	<10	14	<5
1417	3	<0.5	0.02	0.21	1.11	0.05	0.04	0.15	1.4	0.09	40	13	177	2.04	5	9	6.1	51.4	<3	5.3	4.2	2.0	<1	<0.2	<1	<10	<5	30	5.3	<10	9	<5
1418	6	<0.5	0.01	0.56	2.02	0.06	0.04	0.10	2.6	0.12	44	19	173	2.50	9	12	9.8	104	<3	3.7	2.7	1.9	<1	<0.2	<1	<10	<5	41	6.1	<10	9	<5
1419	5	<0.5	0.01	0.19	0.63	0.05	0.09	0.16	0.9	0.08	29	7	344	1.52	4	4	1.9	61.9	<3	6.9	1.0	1.0	1	<0.2	<1	<10	<5	114	5.3	<10	9	<5
1420	4	0.5	0.02	0.79	2.63	0.07	0.09	0.30	4.7	0.14	64	31	183	3.31	13	59	67.7	65.2	5	8.5	14.4	4.0	1	<0.2	<1	<10	<5	61	28.7	<10	12	<5
1421	4	<0.5	0.01	1.67	3.44	0.06	0.05	0.20	4.3	0.18	55	22	1500	3.07	18	18	23.2	217	<3	7.6	2.3	1.8	2	0.6	<1	<10	<5	96	6.8	<10	15	<5
1422	4	<0.5	0.01	1.48	2.85	0.17	0.37	0.92	4.9	0.14	52	83	4880	3.46	16	33	16.8	253	3	26.2	5.4	1.8	<1	<0.2	<1	<10	<5	494	13.6	<10	15	<5
1423	2	<0.5	0.02	0.82	2.05	0.08	0.12	0.26	3.1	0.13	40	20	234	2.30	8	13	15.1	153	<3	9.1	6.6	1.9	<1	<0.2	<1	<10	<5	37	14.3	<10	21	<5
1424	3	<0.5	0.02	0.52	1.28	0.11	0.10	0.35	4.1	0.10	41	18	493	1.98	7	12	13.8	30.9	<3	13.6	26.0	2.8	<1	<0.2	<1	<10	<5	60	31.0	<10	8	<5
1425	4	0.6	0.02	1.12	2.76	0.07	0.15	0.31	9.4	0.19	68	50	788	3.19	13	20	19.0	53.3	8	20.5	22.4	4.2	<1	<0.2	<1	<10	<5	79	47.0	<10	9	<5
1426	2	<0.5	0.02	1.31	3.24	0.15	0.37	0.54	14.1	0.16	161	19	619	4.85	28	16	48.2	110	227	14.2	16.3	3.1	<1	<0.2	<1	<10	<5	170	14.6	<10	11	<5
1427	7	<0.5	0.02	0.61	1.65	0.09	0.09	0.36	3.6	0.11	44	19	402	2.31	9	15	23.5	50.9	12	12.3	10.0	3.1	<1	<0.2	<1	<10	<5	71	17.6	<10	8	<5
1428	3	<0.5	0.07	1.02	2.63	0.08	0.07	0.59	6.7	0.10	62	69	400	2.55	12	34	25.5	50.2	52	33.2	13.3	3.0	<1	<0.2	<1	<10	<5	75	20.7	<10	7	<5
1429	4	0.7	0.02	1.78	4.59	0.14	0.06	0.96	6.5	0.09	84	21	1040	5.19	20	20	10.2	168	183	28.0	11.0	4.9	<1	<0.2	<1	<10	<5	127	15.5	<10	28	<5
1430	1	0.5	0.02	0.74	1.99	0.07	0.09	0.37	5.2	0.12	60	21	316	2.95	13	17	25.6	53.6	24	15.7	18.4	3.9	<1	<0.2	<1	<10	<5	92	25.8	<10	10	<5
1431	2	<0.5	0.02	0.36	1.15	0.02	0.04	0.51	2.1	0.12	48	15	199	2.14	5	10	8.6	52.9	38	19.5	3.8	1.8	1	<0.2	<1	<10	<5	72	6.2	<10	12	<5
1432	4	0.5	0.02	1.28	2.76	0.07	0.09	0.38	4.7	0.14	56	31	322	3.24	14	23	24.2	106	121	9.2	9.2	3.7	<1	<0.2	<1	<10	<5	86	13.5	<10	13	<5
1433	4	<0.5	0.02	0.54	1.09	0.10	0.07	0.34	3.9	0.08	34	15	537	2.12	9	12	16.1	52.8	35	9.3	16.0	2.8	<1	<0.2	<1	<10	<5	46	28.0	<10	12	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Unit	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
0434	12	<0.5	0.01	1.38	2.79	0.09	0.21	0.31	4.1	0.21	118	55	562	3.80	18	17	84.4	94.2	<3	8.6	5.1	2.4	<1	<0.2	<1	13	<5	101	10.4	<10	7	<5
0435	1	<0.5	0.01	1.83	3.76	0.10	0.45	0.21	6.8	0.23	56	24	436	3.61	10	17	38.9	82.0	<3	6.4	5.2	1.8	<1	<0.2	<1	15	<5	72	10.3	<10	13	<5
0436	3	<0.5	0.01	1.92	3.70	0.06	0.27	0.21	5.6	0.22	73	30	877	3.87	17	25	20.9	141	11	6.6	3.5	2.3	<1	<0.2	<1	10	<5	78	8.9	<10	11	<5
0437	2	<0.5	0.02	0.58	1.79	0.09	0.15	0.21	1.9	0.10	40	14	217	2.14	5	8	8.4	47.7	4	6.5	4.4	1.7	<1	<0.2	<1	<10	<5	44	8.9	<10	7	<5
0438	<1	<0.5	0.02	0.34	1.20	0.11	0.05	0.24	1.5	0.08	33	13	118	1.76	5	8	4.7	33.7	<3	6.6	8.5	1.6	<1	<0.2	<1	<10	<5	28	12.1	<10	5	<5
0439	2	<0.5	0.02	0.65	1.85	0.07	0.08	0.20	3.3	0.13	54	20	339	2.74	9	15	13.6	59.7	13	6.6	11.8	2.2	<1	<0.2	<1	<10	<5	43	16.5	<10	8	<5
0440	2	<0.5	0.01	0.47	1.21	0.05	0.11	0.23	1.6	0.13	35	8	225	2.16	5	5	4.1	157	<3	8.7	2.4	1.3	<1	<0.2	<1	<10	<5	87	7.2	<10	11	<5
0441	2	<0.5	0.02	0.39	0.85	0.11	0.10	0.35	2.6	0.07	45	17	413	2.22	8	13	17.3	77.4	17	9.0	12.9	2.3	<1	<0.2	<1	<10	<5	61	20.7	<10	10	<5
0442	<1	<0.5	0.02	0.41	1.19	0.10	0.08	0.31	2.2	0.08	39	18	282	2.00	8	17	10.6	112	3	8.3	11.1	2.1	<1	<0.2	<1	<10	<5	79	15.4	<10	8	<5
0443	1	<0.5	0.02	0.43	1.59	0.05	0.07	0.34	2.0	0.11	42	16	95	2.39	6	11	8.4	156	61	9.7	4.4	2.3	1	<0.2	<1	<10	<5	59	7.5	<10	20	<5
0444	1	<0.5	0.01	1.37	2.77	0.03	0.14	0.23	6.0	0.17	82	19	156	3.96	17	20	31.9	91.1	95	7.8	2.8	2.8	<1	<0.2	<1	<10	<5	72	4.8	<10	27	<5
0445	<1	<0.5	0.02	0.85	2.02	0.05	0.14	0.30	4.5	0.13	52	30	402	2.57	12	21	37.4	68.1	10	10.6	9.7	3.3	<1	<0.2	<1	<10	<5	89	15.2	<10	13	<5
0446	1	<0.5	0.01	1.53	3.14	0.11	0.12	0.29	5.4	0.23	136	27	208	4.57	18	13	20.4	96.2	9	5.9	4.4	3.0	<1	<0.2	<1	15	<5	49	12.9	<10	11	<5
0447	4	0.5	0.01	1.27	2.68	0.05	0.14	0.12	6.5	0.16	84	33	323	3.42	16	24	31.8	71.4	19	4.1	7.2	3.4	<1	<0.2	<1	<10	<5	70	14.9	<10	10	<5
0448	4	0.5	0.01	0.83	2.52	0.05	0.12	0.16	4.7	0.16	71	29	203	3.13	13	22	23.2	93.9	26	5.5	5.6	3.2	<1	<0.2	<1	<10	<5	78	11.5	<10	14	<5
0449	3	<0.5	0.02	1.33	2.65	0.06	0.14	0.24	3.7	0.17	97	35	253	3.69	22	28	75.2	89.0	<3	8.2	3.7	2.6	<1	<0.2	<1	<10	<5	73	8.6	<10	8	<5
0450	2	<0.5	0.02	0.59	2.04	0.08	0.04	0.14	3.6	0.11	100	14	247	3.39	16	13	46.1	129	<3	3.2	3.6	2.0	1	<0.2	<1	<10	<5	30	5.1	<10	10	<5
0451	1	0.6	0.01	0.83	3.01	0.07	0.09	0.09	3.0	0.10	44	18	142	3.25	7	11	10.4	72.0	3	3.8	3.0	2.2	<1	<0.2	<1	<10	<5	46	8.3	<10	11	<5
0452	2	<0.5	0.01	0.85	2.65	0.07	0.09	0.14	4.6	0.15	86	19	146	3.72	14	18	35.2	79.3	3	4.2	7.3	3.4	2	<0.2	<1	<10	<5	39	17.7	<10	11	<5
0453	<1	<0.5	0.02	0.50	1.50	0.05	0.09	0.16	2.6	0.10	40	21	145	1.86	8	12	9.2	35.7	<3	6.5	6.5	2.3	<1	<0.2	<1	<10	<5	46	9.9	<10	5	<5
0454	4	<0.5	0.01	1.06	2.40	0.03	0.07	0.16	4.0	0.13	55	33	226	2.45	11	20	13.2	77.0	<3	5.9	3.3	2.1	<1	<0.2	<1	<10	<5	52	8.1	<10	9	<5
0455	1	<0.5	0.01	1.13	1.97	0.06	0.30	0.14	3.9	0.16	70	15	166	3.33	9	7	12.7	67.0	<3	4.1	3.0	1.8	1	<0.2	<1	<10	<5	80	9.1	<10	7	<5
0456	1	<0.5	0.01	1.61	3.29	0.17	0.75	0.39	3.3	0.42	151	22	357	5.19	23	15	55.1	121	<3	5.3	11.9	3.1	<1	<0.2	<1	31	<5	284	18.6	<10	12	<5
0457	1	<0.5	0.02	0.85	1.85	0.09	0.17	0.24	4.6	0.12	52	24	392	2.38	11	15	23.0	48.7	15	6.3	12.0	3.4	<1	<0.2	<1	<10	<5	50	25.3	<10	9	<5
0458	2	<0.5	0.02	0.70	1.70	0.06	0.17	0.27	4.6	0.13	53	17	262	2.62	11	12	14.3	58.6	<3	7.3	7.2	2.5	<1	<0.2	<1	<10	<5	73	10.9	<10	7	<5
0459	2	<0.5	0.02	0.60	1.33	0.08	0.19	0.25	5.1	0.11	52	33	436	2.27	10	15	19.0	42.6	5	7.6	10.4	3.1	<1	<0.2	<1	<10	<5	52	21.8	<10	9	<5
0460	2	<0.5	0.02	0.54	1.79	0.09	0.15	0.26	3.9	0.10	52	19	336	2.49	10	15	20.1	48.4	33	7.6	9.6	2.8	<1	<0.2	<1	<10	<5	60	15.5	<10	11	<5
0461	2	<0.5	0.03	0.62	1.48	0.13	0.41	0.47	9.9	0.09	75	17	934	3.34	15	19	35.3	95.9	79	12.8	50.8	4.4	<1	<0.2	<1	<10	<5	71	74.6	<10	22	<5
0462	7	0.5	0.03	0.79	2.05	0.10	0.30	0.63	9.1	0.12	82	31	788	3.52	16	22	31.8	65.9	58	22.7	33.5	5.4	<1	<0.2	<1	<10	<5	123	44.0	<10	19	<5
0463	<1	<0.5	0.01	0.16	0.69	0.03	0.06	0.18	1.4	0.15	76	13	91	2.37	3	5	6.1	27.6	11	6.1	2.3	2.1	<1	<0.2	<1	<10	<5	29	8.0	<10	14	<5

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Element Method Units	Au FA30/1 ppb	Be ICP70 ppm	Na ICP70 %	Mg ICP70 %	Al ICP70 %	P ICP70 %	K ICP70 %	Ca ICP70 %	Sc ICP70 ppm	Ti ICP70 %	V ICP70 ppm	Cr ICP70 ppm	Mn ICP70 ppm	Fe ICP70 %	Co ICP70 ppm	Ni ICP70 ppm	Cu ICP70 ppm	Zn ICP70 ppm	As ICP70 ppm	Sr ICP70 ppm	Y ICP70 ppm	Zr ICP70 ppm	Mo ICP70 ppm	Ag ICP70 ppm	Cd ICP70 ppm	Pb ICP70 ppm	Sb ICP70 ppm	Ba ICP70 ppm	La ICP70 ppm	W ICP70 ppm	Pb ICP70 ppm	Bi ICP70 ppm
C-464	2	<0.5	0.02	0.43	1.60	0.02	0.05	0.13	2.3	0.10	54	20	211	2.37	7	13	6.4	109	15	4.1	3.4	2.6	<1	<0.2	<1	<10	<5	51	6.4	<10	13	<5
C-465	4	<0.5	0.02	1.25	1.51	0.07	0.12	0.77	6.2	0.08	54	22	347	2.60	12	16	21.5	118	41	14.6	24.5	4.8	<1	<0.2	<1	<10	<5	50	37.5	<10	35	<5
C-466	5	<0.5	0.01	1.07	2.89	0.04	0.14	0.15	5.2	0.20	88	16	166	4.14	12	12	23.6	85.6	<3	5.1	3.6	2.8	<1	<0.2	<1	<10	<5	42	7.0	<10	10	<5
C-467	1	<0.5	0.02	0.50	1.51	0.04	0.06	0.18	2.5	0.10	61	17	114	2.92	8	8	15.2	65.2	5	5.2	4.4	2.2	<1	<0.2	<1	<10	<5	33	10.2	<10	9	<5
C-468	3	<0.5	0.02	0.63	1.46	0.05	0.12	0.30	4.0	0.10	49	22	324	2.32	10	15	18.5	54.7	24	7.3	10.0	3.0	<1	<0.2	<1	<10	<5	77	15.2	<10	10	<5
C-469	3	<0.5	0.01	1.17	2.49	0.09	0.56	0.39	10.7	0.19	112	46	590	4.25	18	22	83.6	63.1	6	8.7	15.0	3.8	<1	<0.2	<1	<10	<5	77	15.2	<10	10	<5
C-470	5	<0.5	0.01	1.32	2.89	0.05	0.07	0.12	4.6	0.16	63	23	391	3.31	22	19	25.4	85.7	8	4.3	5.9	3.1	<1	<0.2	<1	<10	<5	118	40.6	<10	14	<5
C-471	1	<0.5	0.01	1.11	2.79	0.07	0.17	0.12	6.0	0.20	100	22	287	4.25	14	18	26.6	109	<3	3.0	4.0	2.4	<1	<0.2	<1	<10	<5	50	17.3	<10	13	<5
C-472	<1	<0.5	0.02	0.64	1.73	0.08	0.15	0.21	4.4	0.11	51	31	274	2.47	11	16	21.8	49.4	29	6.1	10.0	3.9	<1	<0.2	<1	<10	<5	63	21.8	<10	10	<5
C-473	2	<0.5	0.01	1.10	2.50	0.12	0.26	0.37	5.1	0.17	84	30	755	3.89	16	15	16.3	114	4	9.4	2.7	2.4	<1	<0.2	<1	<10	<5	100	7.3	<10	13	<5
C-474	1	<0.5	0.02	1.25	2.16	0.14	0.44	0.62	7.3	0.16	120	4	420	4.09	21	7	21.6	92.5	<3	12.4	9.6	2.3	<1	<0.2	<1	<10	<5	57	6.9	<10	7	<5
C-475	1	<0.5	0.03	0.91	1.73	0.18	0.19	0.39	3.8	0.15	105	21	547	3.81	20	13	36.7	71.4	<3	5.6	7.0	2.3	<1	<0.2	<1	<10	<5	43	4.0	<10	9	<5
C-476	<1	<0.5	0.02	1.32	2.14	0.08	0.07	0.26	2.6	0.16	100	59	338	3.18	19	22	31.3	116	<3	4.7	2.8	1.9	<1	<0.2	<1	<10	<5	52	5.1	<10	6	<5
C-477	5	<0.5	0.02	0.78	1.76	0.10	0.18	0.25	4.3	0.11	77	20	273	2.68	16	16	52.7	47.1	9	6.4	11.2	3.0	<1	<0.2	<1	<10	<5	57	21.2	<10	8	<5
C-478	1	<0.5	0.02	0.81	2.20	0.08	0.13	0.20	3.2	0.14	62	16	127	3.59	8	12	15.9	86.8	<3	7.7	3.5	2.5	<1	<0.2	<1	<10	<5	46	7.5	<10	12	<5
C-479	1	0.6	0.01	1.11	3.34	0.06	0.05	0.17	3.8	0.16	55	22	252	3.50	9	17	13.8	217	<3	6.4	2.1	2.5	1	<0.2	<1	<10	<5	40	6.3	<10	22	<5
C-480	3	<0.5	0.01	0.71	2.48	0.04	0.06	0.10	3.7	0.14	59	22	146	2.97	10	19	25.4	79.7	3	4.0	5.7	2.2	<1	<0.2	<1	<10	<5	51	10.4	<10	10	<5
C-481	2	<0.5	0.02	0.81	2.04	0.10	0.12	0.22	5.6	0.13	48	22	325	2.44	10	15	20.4	37.4	<3	6.8	12.9	3.2	<1	<0.2	<1	<10	<5	70	30.8	<10	6	<5
C-482	4	0.6	0.01	1.37	3.59	0.08	0.14	0.15	5.5	0.18	78	26	147	3.72	11	22	35.3	90.6	45	5.6	5.0	2.8	1	<0.2	<1	<10	<5	41	10.0	<10	13	<5
C-483	2	<0.5	0.02	1.21	3.36	0.05	0.19	0.19	6.9	0.19	99	42	239	3.77	17	24	24.8	110	12	6.5	2.9	2.4	<1	<0.2	<1	<10	<5	50	7.0	<10	13	<5
C-484	28	<0.5	0.01	1.04	2.61	0.07	0.10	0.34	6.2	0.17	114	19	704	3.83	17	17	26.3	149	10	10.5	2.9	2.3	<1	<0.2	<1	<10	<5	95	4.7	<10	11	<5
C-485	3	<0.5	0.02	0.75	1.61	0.06	0.15	0.06	2.7	0.18	56	14	115	2.64	5	10	8.3	54.0	<3	2.2	1.6	1.6	<1	<0.2	<1	<10	<5	32	4.2	<10	10	<5
C-486	5	<0.5	0.02	0.46	1.82	0.04	0.06	0.12	3.3	0.12	89	18	231	3.29	13	12	11.2	118	36	4.8	3.4	2.4	1	<0.2	<1	<10	<5	78	6.3	<10	13	<5
C-487	2	0.6	0.02	1.13	2.53	0.08	0.19	0.27	6.0	0.15	118	21	782	4.70	16	15	18.9	131	188	7.5	3.2	2.8	<1	<0.2	<1	<10	<5	87	5.0	<10	24	<5
C-488	1	<0.5	0.02	0.82	1.56	0.07	0.14	0.32	5.0	0.10	97	39	401	2.95	9	13	12.4	139	104	9.2	2.9	1.5	1	<0.2	<1	<10	<5	54	4.9	<10	18	<5
C-489	1	<0.5	0.02	1.48	3.10	0.04	0.11	0.31	4.1	0.16	40	17	406	3.00	13	22	28.5	102	75	12.2	1.9	1.7	<1	<0.2	<1	<10	<5	60	5.8	<10	10	<5
C-490	<1	<0.5	0.01	0.73	2.37	0.05	0.11	0.32	3.5	0.16	64	18	495	3.17	9	14	12.6	91.0	12	17.7	2.4	1.9	<1	<0.2	<1	<10	<5	67	7.4	<10	12	<5
C-491	<1	<0.5	0.02	1.32	2.20	0.07	0.36	0.24	4.4	0.15	58	24	173	3.15	11	24	38.2	37.9	<3	7.9	4.6	2.2	<1	<0.2	<1	<10	<5	86	15.2	<10	9	<5
C-492	3	<0.5	0.01	1.12	3.12	0.13	0.16	0.25	6.8	0.16	128	20	416	3.87	17	17	38.2	122	53	9.2	6.3	2.6	<1	<0.2	<1	<10	<5	86	15.2	<10	9	<5
C-493	1	<0.5	0.01	0.73	1.40	0.10	0.32	0.32	2.5	0.18	36	21	218	2.49	6	12	8.1	50.9	11	14.0	1.9	1.4	<1	<0.2	<1	<10	<5	82	5.0	<10	9	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/I	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Units	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
C-494	3	<0.5	0.02	0.59	1.81	0.10	0.08	0.26	3.5	0.11	50	20	123	2.20	8	16	24.9	38.1	<3	6.9	10.8	2.4	<1	<0.2	<1	<10	<5	38	18.8	<10	8	<5
*Dup C-284	2	<0.5	0.01	0.91	2.37	0.04	0.03	0.87	3.3	0.09	61	23	295	3.20	13	13	4.6	228	141	16.9	5.2	2.4	1	<0.2	<1	<10	<5	59	6.1	<10	17	<5
*Dup C-296	4	<0.5	0.01	0.82	2.53	0.07	0.15	0.21	3.2	0.13	50	15	1130	3.24	9	10	10.5	199	<3	8.5	2.6	1.8	<1	<0.2	<1	<10	<5	95	6.1	<10	12	<5
*Dup C-308	3	<0.5	0.03	3.46	2.47	0.06	0.03	7.81	8.1	0.04	40	22	737	3.93	20	33	53.4	94.6	179	123	36.5	6.3	<1	<0.2	<1	<10	<5	103	37.1	<10	23	<5
*Dup C-320	5	0.5	0.02	0.94	2.02	0.07	0.08	0.28	5.8	0.09	47	19	767	3.03	15	33	45.8	262	31	8.7	17.2	3.2	2	<0.2	<1	<10	<5	81	21.3	<10	13	<5
*Dup C-332	2	<0.5	0.02	0.70	1.79	0.09	0.10	0.34	2.6	0.12	56	21	619	3.00	9	12	8.7	362	13	11.2	3.3	2.0	2	<0.2	<1	<10	<5	93	7.3	<10	26	<5
*Dup C-344	4	0.6	0.02	0.88	2.16	0.04	0.06	0.20	5.9	0.13	52	22	1320	3.07	13	20	17.2	137	40	6.5	20.3	3.3	<1	<0.2	<1	<10	<5	88	23.6	<10	30	<5
*Dup C-356	2	0.8	0.07	1.80	4.94	0.10	0.23	1.15	12.4	0.28	110	31	839	5.02	17	25	33.5	92.5	244	55.6	21.2	4.0	<1	<0.2	<1	<10	<5	190	22.5	<10	17	<5
*Dup C-368	<1	<0.5	0.02	0.28	1.35	0.08	0.06	0.25	1.8	0.08	37	15	479	2.17	6	12	7.7	79.4	<3	9.7	5.5	1.8	<1	<0.2	<1	<10	<5	84	9.5	<10	8	<5
*Dup C-380	<1	<0.5	0.02	0.75	1.95	0.09	0.19	0.82	2.4	0.12	35	12	606	2.87	7	8	5.7	106	<3	24.5	1.8	1.7	<1	<0.2	<1	<10	<5	86	5.5	<10	10	<5
*Dup C-392	4	0.6	0.02	0.55	2.15	0.06	0.14	0.36	9.8	0.11	62	24	573	3.13	13	23	24.7	113	54	14.1	31.2	5.1	<1	<0.2	<1	<10	<5	110	39.5	<10	30	<5
*Dup C-404	<1	<0.5	0.02	0.53	2.03	0.08	0.10	0.24	4.0	0.11	97	12	1450	3.77	17	13	25.5	149	<3	7.1	4.7	2.4	<1	<0.2	<1	<10	<5	94	8.7	<10	13	<5
*Dup C-416	<1	0.6	0.02	0.61	2.28	0.05	0.06	0.22	3.5	0.14	50	23	151	2.64	9	15	8.9	98.2	13	7.7	6.6	3.3	1	<0.2	<1	<10	<5	81	8.6	<10	13	<5
*Dup C-428	2	<0.5	0.07	0.97	2.48	0.07	0.07	0.58	6.4	0.11	59	67	386	2.48	12	33	25.4	49.1	55	30.3	12.5	2.8	<1	<0.2	<1	<10	<5	73	19.3	<10	6	<5
*Dup C-440	3	<0.5	0.02	0.49	1.24	0.06	0.11	0.26	1.7	0.15	36	8	241	2.26	5	6	4.1	167	5	8.9	2.5	1.4	<1	<0.2	<1	<10	<5	92	6.9	<10	11	<5
*Dup C-452	1	<0.5	0.02	0.78	2.30	0.07	0.08	0.14	4.4	0.14	77	18	140	3.34	12	16	33.8	73.0	6	3.9	7.0	3.2	<1	<0.2	<1	<10	<5	36	15.9	<10	9	<5
*Dup C-464	2	<0.5	0.02	0.43	1.69	0.02	0.05	0.15	2.4	0.11	52	20	219	2.49	7	12	7.4	110	19	4.2	3.3	2.5	<1	<0.2	<1	<10	<5	52	5.8	<10	11	<5
*Dup C-476	<1	<0.5	0.02	1.37	2.23	0.08	0.07	0.27	2.7	0.19	100	62	364	3.33	19	23	33.3	125	<3	4.8	2.6	1.9	<1	<0.2	<1	<10	<5	54	4.7	<10	8	<5
*Dup C-488	1	<0.5	0.02	0.83	1.54	0.07	0.14	0.34	5.2	0.11	93	40	416	2.93	9	14	13.6	148	99	9.1	2.9	1.5	1	<0.2	<1	<10	<5	54	4.6	<10	17	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Units	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
126501	3	<0.5	0.02	0.60	1.70	0.07	0.05	0.29	1.8	0.09	35	18	169	2.12	7	13	19.5	67.8	4	9.3	6.5	1.1	<1	0.3	<1	<10	<5	54	9.8	<10	6	<5
126502	3	0.5	0.01	1.01	2.40	0.07	0.12	0.31	4.6	0.12	46	28	1890	3.11	12	9	17.4	126	<3	11.3	15.0	0.6	<1	0.5	<1	<10	<5	120	20.8	<10	<2	<5
126503	2	<0.5	0.01	1.11	2.22	0.06	0.08	0.21	4.2	0.15	53	30	615	3.41	12	14	26.8	101	<3	5.5	7.2	1.6	1	0.3	<1	<10	<5	110	13.3	<10	6	<5
126504	2	<0.5	0.02	0.42	1.14	0.05	0.06	0.17	2.2	0.10	42	22	199	2.24	8	11	13.4	87.9	<3	5.6	6.7	1.0	1	0.3	<1	<10	<5	77	9.0	<10	7	<5
126505	1	<0.5	0.02	1.53	2.64	0.05	0.17	0.29	4.0	0.17	43	28	488	3.49	12	25	58.5	174	<3	6.8	9.7	0.5	<1	0.3	<1	<10	<5	70	13.6	<10	4	<5
126506	2	<0.5	0.02	0.76	1.76	0.09	0.09	0.28	2.8	0.11	53	27	171	2.92	11	18	26.2	57.6	3	6.5	10.4	1.0	<1	<0.2	<1	<10	<5	60	15.5	<10	3	<5
126507	3	<0.5	0.03	1.78	3.11	0.09	0.56	0.59	7.4	0.19	66	50	1330	4.58	21	35	52.4	144	467	16.8	15.5	1.4	<1	0.5	1	<10	<5	173	20.7	<10	7	<5
126508	<1	<0.5	0.01	0.64	0.75	0.06	0.02	0.26	2.3	0.04	20	20	355	1.37	5	9	4.7	35.3	17	3.5	7.0	3.1	<1	0.3	<1	<10	<5	13	12.2	<10	<2	<5
126509	2	<0.5	0.02	0.38	1.31	0.07	0.05	0.23	2.2	0.07	34	17	232	2.04	7	12	11.4	46.9	8	7.8	8.7	1.6	<1	0.3	<1	<10	<5	45	10.9	<10	4	<5
126510	<1	<0.5	0.02	0.56	1.55	0.08	0.06	0.36	2.4	0.10	43	23	226	2.39	9	14	25.2	96.8	20	10.5	7.7	2.3	<1	0.3	<1	<10	<5	79	12.4	<10	2	<5
126511	2	<0.5	0.02	0.43	1.37	0.09	0.07	0.21	2.3	0.08	36	19	123	2.10	6	11	21.1	41.7	<3	5.7	8.4	1.4	<1	0.3	<1	<10	<5	50	11.4	<10	4	<5
126512	1	<0.5	0.02	1.23	2.60	0.06	0.22	0.28	4.2	0.18	48	24	224	3.41	10	14	18.9	117	<3	6.7	4.8	<0.5	<1	0.3	<1	<10	<5	132	8.9	<10	<2	<5
126513	1	<0.5	0.01	0.68	1.60	0.05	0.08	0.20	4.6	0.13	50	20	744	2.74	10	9	32.8	71.3	<3	4.7	15.6	1.4	<1	0.3	<1	<10	<5	129	20.0	<10	4	<5
126514	2	<0.5	0.02	0.37	0.69	0.11	0.05	0.30	3.3	0.07	22	13	132	1.18	4	7	11.9	19.4	<3	7.6	15.8	1.4	<1	<0.2	<1	<10	<5	81	19.9	<10	4	<5
126515	5	<0.5	0.01	1.41	3.41	0.08	0.15	0.19	4.7	0.12	55	18	615	5.00	17	12	23.3	234	<3	6.6	3.9	<0.5	<1	0.5	<1	<10	<5	114	10.9	<10	12	<5
126516	2	<0.5	0.01	0.27	1.21	0.06	0.04	0.13	1.5	0.07	35	15	234	1.86	6	8	9.5	50.2	<3	4.6	5.3	<0.5	<1	<0.2	<1	<10	<5	88	7.1	<10	5	<5
126517	11	<0.5	0.03	1.83	3.77	0.08	0.22	0.38	5.0	0.17	49	28	298	2.96	19	20	30.0	57.9	<3	10.9	5.9	<0.5	<1	0.3	<1	<10	<5	67	10.2	<10	<2	<5
126518	4	<0.5	0.01	1.30	2.26	0.09	0.22	0.29	4.8	0.16	69	61	203	3.66	11	23	20.7	73.6	<3	8.4	3.6	<0.5	<1	<0.2	<1	<10	<5	68	10.9	<10	5	<5
126519	4	<0.5	0.02	1.59	3.12	0.06	0.16	0.34	6.4	0.19	95	25	299	4.33	20	44	81.7	1260	127	8.8	14.1	<0.5	<1	<0.2	1	<10	<5	121	18.4	<10	5	<5
126520	5	<0.5	0.02	1.23	2.83	0.07	0.18	0.52	7.3	0.16	114	40	334	4.70	20	21	29.5	339	-95	17.8	10.7	<0.5	<1	<0.2	1	<10	<5	171	13.4	<10	8	<5
126521	10	<0.5	0.02	0.42	1.20	0.11	0.09	0.41	2.5	0.08	41	18	363	2.11	9	14	14.7	28	12.1	7.5	1.4	<1	<0.2	<1	<10	<5	82	9.6	<10	8	<5	
126522	6	<0.5	0.01	0.38	1.56	0.05	0.05	0.18	2.2	0.09	42	20	195	2.25	10	12	16.7	71.1	3	5.9	4.7	2.0	<1	<0.2	<1	<10	<5	49	6.7	<10	6	<5
126523	4	<0.5	0.02	0.72	2.05	0.04	0.11	0.15	4.5	0.14	60	27	207	2.77	12	15	21.9	74.6	<3	6.7	8.2	2.9	<1	<0.2	<1	<10	<5	97	15.4	<10	5	<5
126524	5	<0.5	0.02	0.50	1.08	0.07	0.11	0.27	4.5	0.10	43	18	293	2.03	7	9	15.6	37.9	<3	9.2	16.0	2.3	<1	<0.2	<1	<10	<5	59	16.9	<10	3	<5
126525	2	<0.5	0.02	1.12	2.36	0.07	0.17	0.28	4.8	0.19	99	20	228	4.11	15	13	25.1	158	<3	7.7	2.1	<0.5	<1	0.2	1	<10	<5	87	7.5	<10	18	<5
126526	5	<0.5	0.02	0.83	1.85	0.08	0.05	0.23	2.7	0.12	97	49	162	3.62	21	16	68.5	68.9	6	5.8	2.5	<0.5	<1	<0.2	<1	<10	<5	28	8.2	<10	3	<5
126527	6	<0.5	0.01	0.75	2.12	0.06	0.06	0.10	4.5	0.11	50	24	405	3.20	11	15	29.7	186	64	2.6	8.5	1.9	<1	0.3	<1	<10	<5	48	12.9	<10	29	<5
126528	5	<0.5	0.04	1.50	3.31	0.09	0.28	0.64	8.8	0.27	128	36	2230	5.34	26	15	38.9	215	<3	20.2	4.5	<0.5	<1	0.5	2	<10	<5	137	10.8	<10	11	<5
126529	5	<0.5	0.02	1.44	2.59	0.12	0.81	0.51	5.0	0.21	174	11	677	5.62	34	15	92.9	210	4	11.4	5.9	<0.5	<1	<0.2	<1	<10	<5	73	10.7	<10	<2	<5
126530	3	<0.5	0.02	1.09	3.38	0.08	0.27	0.15	5.5	0.21	92	44	396	4.39	17	20	27.3	101	<3	5.2	2.6	0.7	<1	0.2	1	<10	<5	59	10.3	<10	6	<5

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ement. ethod. st.Lim. nts.	Au FA30/1 1 ppb	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Su ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm			
126531	5	<0.5	0.02	0.42	1.05	0.06	0.09	0.14	3.0	0.07	33	16	195	1.76	7	9	21.6	39.9	8	4.4	9.6	1.8	<1	0.3	<1	<10	<5	38	13.4	<10	7	<5			
126532	4	<0.5	0.02	0.97	1.89	0.04	0.18	0.17	3.6	0.16	60	57	280	3.30	12	19	14.3	73.5	8	5.5	1.4	<0.5	<1	0.4	<1	<10	<5	43	7.0	<10	7	<5			
126533	2	<0.5	0.02	1.12	2.08	0.07	0.21	0.28	4.8	0.16	58	32	362	3.06	16	19	28.9	107	5	7.4	6.3	1.4	<1	0.2	<1	<10	<5	57	11.4	<10	7	<5			
126534	2	<0.5	0.01	0.59	1.26	0.07	0.25	0.67	2.1	0.13	55	13	478	2.80	7	8	15.5	102	<3	19.5	1.7	<0.5	<1	0.2	<1	<10	<5	93	6.3	<10	8	<5			
126535	1	<0.5	0.02	0.58	1.74	0.04	0.10	0.36	3.1	0.11	62	22	137	3.29	10	15	17.0	77.6	26	11.8	3.4	1.1	<1	0.3	<1	<10	<5	47	7.7	<10	8	<5			
126536	3	<0.5	0.02	0.38	1.88	0.04	0.05	0.09	2.1	0.09	42	19	110	2.31	7	13	11.2	76.8	11	3.7	3.9	1.6	<1	0.3	<1	<10	<5	45	6.4	<10	8	<5			
126537	<1	<0.5	0.01	0.73	2.46	0.04	0.09	0.09	3.3	0.13	57	30	197	3.04	12	20	21.5	77.3	16	3.4	4.9	1.8	<1	<0.2	<1	<10	<5	79	11.0	<10	9	<5			
126538	<1	<0.5	0.02	0.89	2.34	0.07	0.21	0.17	4.9	0.14	66	29	188	3.11	12	21	51.3	53.4	9	5.7	8.7	3.0	<1	0.2	<1	<10	<5	117	14.1	<10	6	<5			
126539	<1	<0.5	0.02	1.60	3.12	0.18	0.42	5.6	2.2	0.22	183	28	832	5.49	36	17	66.7	106	<3	5.4	12.1	<0.5	<1	<0.2	<1	<10	<5	79	25.4	<10	6	<5			
126540	1	<0.5	0.02	0.44	1.07	0.11	0.07	0.25	2.7	0.07	40	14	390	1.96	9	10	31.4	50.1	21	5.5	8.4	1.2	<1	<0.2	<1	<10	<5	36	12.3	<10	8	<5			
126541	1	<0.5	0.02	0.87	1.70	0.13	0.56	0.63	11.0	0.16	139	32	829	4.46	22	20	41.1	80.6	43	14.2	20.1	4.2	<1	0.3	<1	<10	<5	98	19.6	<10	9	<5			
126542	<1	<0.5	0.02	0.64	1.42	0.09	0.16	0.38	8.4	0.09	57	23	574	3.14	13	14	31.6	67.1	80	11.2	43.1	3.4	<1	0.2	<1	<10	<5	74	29.0	<10	12	<5			
126543	<1	<0.5	0.02	0.70	1.99	0.09	0.12	0.42	8.6	0.13	72	33	582	3.66	15	19	39.4	79.4	63	14.5	32.4	4.8	<1	0.2	<1	<10	<5	74	29.0	<10	12	<5			
126544	<1	<0.5	0.04	1.00	1.02	0.09	0.18	4.97	3.7	0.09	39	21	551	2.10	7	10	18.8	47.2	<3	56.9	13.6	5.8	<1	<0.2	<1	<10	<5	170	30.4	<10	15	<5			
126545	<1	<0.5	0.02	0.36	1.13	0.03	0.06	0.27	2.0	0.13	65	25	169	3.06	7	9	10.7	52.8	28	6.1	2.2	1.0	<1	<0.2	<1	<10	<5	95	17.4	<10	4	<5			
126546	5	<0.5	0.02	0.48	1.33	0.03	0.05	0.16	2.1	0.10	50	17	119	2.45	9	11	21.4	167	204	5.1	3.4	1.0	<1	<0.2	<1	<10	<5	30	8.0	<10	10	<5			
126547	2	<0.5	0.02	1.04	2.02	0.04	0.11	0.29	3.4	0.16	90	17	407	3.76	12	13	29.6	437	130	9.3	2.1	<0.5	<1	0.3	<1	<10	<5	64	6.7	<10	7	<5			
126548	9	<0.5	0.02	1.88	4.00	0.07	0.09	0.19	13.5	0.20	322	30	212	7.63	42	38	211	243	161	7.2	7.2	<0.5	<1	<0.2	2	<10	<5	90	7.5	<10	24	<5			
126549	27	<0.5	0.02	1.50	2.79	0.04	0.15	0.29	5.0	0.16	41	26	441	3.13	13	15	41.3	247	235	8.5	14.0	<0.5	<1	0.2	<1	<10	<5	52	18.3	<10	11	<5			
126550	10	<0.5	0.02	1.06	3.02	0.06	0.10	0.35	5.6	0.19	65	35	426	4.30	36	36	83.4	370	231	11.6	19.2	<0.5	<1	0.3	1	<10	<5	121	17.7	<10	10	<5			
126551	<1	<0.5	0.02	0.95	2.40	0.11	0.11	0.26	4.7	0.15	74	29	203	3.40	13	20	35.4	88.7	269	7.0	7.4	1.0	<1	<0.2	1	<10	<5	171	21.0	<10	6	<5			
126552	<1	<0.5	0.02	0.62	1.77	0.08	0.06	0.19	3.6	0.11	54	23	137	2.67	10	15	34.2	52.3	29	6.5	11.5	1.7	<1	<0.2	1	<10	<5	64	17.6	<10	8	<5			
126553	<1	0.5	0.02	0.81	3.32	0.06	0.06	0.16	3.8	0.15	65	29	161	3.59	9	13	12.5	102	19	7.0	3.5	0.9	<1	<0.2	<1	<10	<5	45	15.2	<10	6	<5			
126554	<1	<0.5	0.02	0.70	1.42	0.03	0.02	0.13	3.9	0.11	40	19	109	1.94	9	10	20.7	26.1	<3	4.5	16.7	2.5	<1	<0.2	<1	<10	<5	56	8.3	<10	3	<5			
126555	1	<0.5	0.02	0.99	2.42	0.02	0.09	0.09	2.9	0.14	46	23	111	2.77	12	14	14.6	47.8	10	3.6	2.8	0.5	<1	<0.2	<1	<10	<5	50	22.4	<10	4	<5			
126556	<1	<0.5	0.02	0.30	0.95	0.13	0.04	0.32	1.8	0.06	33	15	409	1.70	7	8	11.6	20.4	<3	9.6	11.6	1.5	<1	<0.2	<1	<10	<5	69	7.7	<10	6	<5			
126557	<1	<0.5	0.02	0.20	1.48	0.05	0.03	0.10	1.1	0.08	31	14	152	1.78	5	7	3.7	76.9	<3	3.6	4.6	1.4	<1	<0.2	<1	<10	<5	28	11.9	<10	<2	<5			
126558	<1	<0.5	0.02	0.76	1.70	0.09	0.13	0.29	4.2	0.13	62	30	263	2.99	12	17	33.2	52.3	78	7.1	14.5	1.5	<1	<0.2	1	<10	<5	27	6.3	<10	6	<5			
126559	<1	<0.5	0.02	1.44	3.33	0.10	0.39	0.29	7.1	0.24	104	40	461	4.14	16	14	20.3	105	<3	8.8	4.8	<0.5	<1	<0.2	2	<10	<5	115	14.6	<10	4	<5			
126560	<1	<0.5	0.02	1.72	2.30	0.07	0.34	0.24	3.8	0.15	53	28	517	2.71	17	17	28.8	79.6	<3	5.2	4.2	<0.5	<1	<0.2	<1	<10	<5	77	11.1	<10	3	<5			

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Code	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Unit	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
26561	2	<0.5	0.02	0.82	2.05	0.07	0.10	0.24	2.7	0.14	45	24	459	3.22	9	13	13.1	92.3	<3	8.0	6.0	<0.5	<1	<0.2	<1	<10	<5	69	11.7	<10	7	<5
26562	3	<0.5	0.02	0.48	1.44	0.07	0.06	0.25	2.9	0.09	40	21	277	2.11	8	13	19.8	41.3	62	8.3	8.8	2.3	<1	0.2	<1	<10	<5	62	13.0	<10	6	<5
26563	3	<0.5	0.02	1.04	1.78	0.09	0.11	0.47	9.4	0.22	81	25	458	3.62	16	14	19.2	44.1	<3	14.9	27.2	2.9	<1	<0.2	1	<10	<5	57	43.3	<10	8	<5
26564	5	<0.5	0.05	1.03	2.29	0.09	0.22	0.78	11.5	0.14	63	37	1020	3.86	11	20	27.1	53.0	<3	29.9	53.1	6.5	<1	0.2	1	<10	<5	141	42.5	<10	6	<5
26565	2	<0.5	0.03	1.55	4.06	0.09	0.14	0.55	10.4	0.18	147	31	1340	5.28	26	18	30.7	132	215	19.4	24.5	2.2	<1	0.2	1	<10	<5	125	22.5	<10	17	<5
26566	4	<0.5	0.14	1.76	3.88	0.15	0.16	1.00	18.3	0.14	259	21	486	6.00	34	21	99.6	161	142	70.7	46.9	3.1	<1	<0.2	1	<10	<5	95	27.5	<10	22	<5
26567	18	<0.5	0.05	2.19	4.24	0.08	0.04	0.69	5.5	0.13	82	30	581	5.00	20	18	19.4	135	263	27.0	6.2	2.2	<1	0.3	1	<10	<5	122	12.7	<10	17	<5
26568	5	0.7	0.04	1.82	3.61	0.07	0.07	0.74	7.6	0.12	56	37	736	3.81	13	20	29.8	53.1	490	25.0	21.7	5.1	<1	<0.2	1	<10	<5	143	29.0	<10	9	<5
26569	<1	<0.5	0.02	0.92	2.34	0.06	0.09	0.35	3.4	0.12	66	27	706	3.42	13	13	17.0	522	54	8.7	5.0	1.6	<1	0.6	2	<10	<5	87	10.6	<10	18	<5
26570	1	<0.5	0.02	0.47	1.57	0.06	0.04	0.26	1.9	0.10	42	19	134	2.21	8	12	11.0	47.3	10	7.7	5.7	1.7	<1	<0.2	<1	<10	<5	43	9.4	<10	6	<5
26571	2	<0.5	0.02	0.49	1.65	0.06	0.06	0.29	2.2	0.09	48	22	330	2.58	8	12	10.9	72.8	43	8.4	4.6	1.4	<1	<0.2	<1	<10	<5	71	8.1	<10	7	<5
26572	1	1.0	0.02	1.99	3.71	0.10	0.05	0.64	4.1	0.09	39	28	2170	3.49	11	17	12.5	227	18	13.2	10.6	1.8	<1	0.4	1	<10	<5	119	14.7	<10	12	<5
26573	<1	<0.5	0.02	0.60	1.53	0.09	0.06	0.38	4.0	0.09	44	23	386	2.58	10	12	12.7	56.5	20	11.1	16.1	2.8	<1	<0.2	<1	<10	<5	73	17.6	<10	7	<5
26574	2	<0.5	0.02	1.13	2.37	0.13	0.07	0.38	3.9	0.15	100	68	584	3.57	27	19	33.2	87.6	15	6.4	9.0	1.1	<1	<0.2	1	<10	<5	40	17.0	<10	<2	<5
26575	5	<0.5	0.02	0.45	1.31	0.10	0.10	0.28	3.2	0.08	41	20	411	2.25	8	14	26.9	39.8	21	7.8	15.4	1.7	2	<0.2	<1	<10	<5	70	15.1	<10	6	<5
26576	11	<0.5	0.02	1.21	2.60	0.07	0.19	0.55	3.5	0.13	63	20	740	3.88	17	11	25.0	156	5	19.6	2.8	<0.5	<1	0.3	1	<10	<5	128	9.4	<10	10	<5
26577	6	<0.5	0.02	0.80	2.73	0.11	0.09	0.48	3.5	0.12	59	26	205	3.43	10	15	22.6	80.5	29	17.3	8.2	1.0	1	<0.2	<1	<10	<5	54	14.9	<10	6	<5
26578	6	<0.5	0.02	0.79	2.28	0.09	0.07	0.20	3.2	0.12	58	28	217	3.04	12	16	24.0	83.0	57	6.5	7.1	1.5	<1	<0.2	<1	<10	<5	46	13.4	<10	10	<5
26579	10	<0.5	0.02	0.55	1.45	0.04	0.07	0.32	1.7	0.11	41	12	119	3.14	5	5	4.5	170	54	13.5	2.3	<0.5	<1	<0.2	<1	<10	<5	78	7.4	<10	21	<5
26580	5	<0.5	0.02	0.42	0.92	0.09	0.06	0.26	4.0	0.08	31	16	103	1.67	5	8	16.6	29.6	4	7.3	17.1	2.8	<1	0.2	<1	<10	<5	88	13.2	<10	5	<5
26581	4	<0.5	0.02	1.36	2.63	0.10	0.27	0.29	4.7	0.17	81	41	401	3.32	14	17	34.2	73.9	14	9.2	5.0	<0.5	<1	<0.2	<1	<10	<5	87	13.5	<10	4	<5
26582	2	<0.5	0.02	0.59	1.47	0.11	0.08	0.25	3.0	0.10	46	18	224	2.09	9	11	18.6	33.7	10	6.9	10.4	1.3	<1	<0.2	<1	<10	<5	36	13.9	<10	3	<5
26583	6	<0.5	0.02	0.50	1.03	0.11	0.08	0.29	4.0	0.10	50	16	302	1.99	10	13	39.6	28.0	<3	7.8	10.1	1.6	<1	<0.2	<1	<10	<5	37	10.4	<10	6	<5
26584	9	<0.5	0.02	0.55	2.09	0.07	0.05	0.23	2.8	0.09	76	22	493	3.58	16	12	27.4	173	8	9.1	3.2	<0.5	<1	0.3	1	<10	<5	92	8.6	<10	8	<5
26585	3	<0.5	0.02	0.55	1.87	0.05	0.05	0.16	4.2	0.10	49	20	185	2.78	13	18	27.2	87.4	47	6.4	17.1	1.1	<1	0.2	<1	<10	<5	64	13.4	<10	7	<5
26586	2	<0.5	0.02	0.47	1.20	0.11	0.05	0.26	2.4	0.08	43	16	194	2.02	10	13	39.2	34.2	64	7.0	8.3	1.3	<1	<0.2	<1	<10	<5	33	12.3	<10	9	<5
26587	2	<0.5	0.02	1.09	3.36	0.08	0.09	0.19	3.2	0.14	43	22	125	3.44	8	13	18.2	193	28	7.0	2.8	0.6	1	0.4	1	<10	<5	50	9.2	<10	24	<5
26588	1	<0.5	0.02	0.44	1.11	0.08	0.05	0.24	1.9	0.12	51	17	147	2.86	6	9	11.0	66.7	65	7.2	4.1	0.7	<1	<0.2	<1	<10	<5	36	9.2	<10	7	<5
26589	2	<0.5	0.02	0.53	1.64	0.04	0.05	0.15	2.5	0.11	48	21	150	2.44	10	16	17.5	98.6	47	5.2	4.8	2.1	<1	<0.2	<1	<10	<5	54	7.6	<10	9	<5
26590	3	<0.5	0.02	0.47	1.54	0.02	0.05	0.12	2.0	0.12	50	19	105	2.73	10	11	9.1	120	36	4.5	2.7	1.0	<1	0.2	<1	<10	<5	40	6.8	<10	8	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Units	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
126591	<1	<0.5	0.02	0.19	0.65	0.01	0.04	0.05	0.8	0.10	48	8	76	1.81	3	3	3.7	60.4	42	2.5	1.4	<0.5	<1	<1	<10	<5	36	5.1	<10	4	<5	
126592	<1	<0.5	0.02	0.56	1.60	0.03	0.05	0.13	2.1	0.10	38	19	119	2.19	10	16	18.4	125	37	5.0	3.4	0.8	<1	0.2	<1	<10	<5	54	6.9	<10	7	<5
126593	<1	<0.5	0.02	0.62	1.45	0.05	0.09	0.31	3.4	0.09	43	21	326	2.32	10	18	28.4	271	138	8.9	13.5	0.9	<1	0.5	<1	<10	<5	142	14.5	<10	8	<5
126594	8	<0.5	0.02	0.32	1.15	0.06	0.03	0.24	1.8	0.07	67	14	262	3.12	14	10	19.0	138	218	8.2	3.6	<0.5	<1	0.2	<1	<10	<5	67	8.5	<10	3	<5
126595	8	<0.5	0.02	0.69	1.82	0.06	0.08	0.18	2.1	0.12	32	22	304	2.89	11	13	16.0	168	331	6.7	5.4	<0.5	<1	<0.2	<1	<10	<5	60	11.2	<10	6	<5
126596	<1	<0.5	0.02	1.63	3.42	0.05	0.16	0.33	3.9	0.14	47	27	834	3.81	18	16	17.6	249	7	11.7	3.3	<0.5	1	0.4	<1	<10	<5	63	10.2	<10	6	<5
126597	<1	<0.5	0.02	0.41	1.18	0.09	0.07	0.32	1.7	0.08	31	16	151	1.61	6	9	7.9	34.3	<3	8.9	7.3	1.7	<1	<0.2	<1	<10	<5	38	10.6	<10	3	<5
126598	<1	<0.5	0.02	0.37	1.03	0.10	0.06	0.24	2.4	0.08	34	17	199	1.74	6	8	15.4	25.3	6	6.4	8.9	2.4	<1	<0.2	<1	<10	<5	34	11.1	<10	6	<5
126599	<1	<0.5	0.02	0.60	2.11	0.10	0.04	0.20	2.7	0.10	55	24	224	3.08	8	12	23.3	61.8	57	5.9	6.6	0.8	<1	<0.2	<1	<10	<5	34	11.1	<10	6	<5
126600	<1	<0.5	0.02	1.68	3.18	0.07	0.14	0.23	4.2	0.22	70	77	952	3.53	18	28	15.5	158	<3	9.7	4.3	<0.5	1	0.2	<1	<10	<5	37	12.2	<10	7	<5
126601	<1	<0.5	0.02	1.17	2.15	0.04	0.20	0.11	2.8	0.15	42	21	190	2.55	7	7	5.1	76.4	<3	4.1	1.7	<0.5	<1	0.2	<1	<10	<5	64	13.5	<10	8	<5
126602	<1	<0.5	0.02	0.52	1.05	0.09	0.08	0.34	4.3	0.09	43	22	237	2.15	7	7	20.9	38.5	11	13.1	18.1	4.4	<1	<0.2	<1	<10	<5	66	15.7	<10	<2	<5
126603	<1	<0.5	0.02	1.16	1.83	0.04	0.15	0.17	4.4	0.15	51	23	218	3.57	10	14	6.0	81.0	<3	5.7	1.6	<0.5	<1	<0.2	<1	<10	<5	68	10.4	<10	<2	<5
126604	<1	<0.5	0.01	0.64	1.84	0.05	0.04	0.15	2.3	0.13	58	27	225	3.55	10	13	8.0	121	<3	5.7	2.7	<0.5	<1	<0.2	<1	<10	<5	113	8.9	<10	7	<5
126605	<1	<0.5	0.02	1.11	2.47	0.05	0.27	0.27	4.0	0.14	65	54	666	3.67	16	18	23.8	163	144	9.4	2.1	<0.5	<1	0.3	<1	<10	<5	155	8.7	<10	7	<5
126606	1	<0.5	0.02	1.20	2.26	0.14	0.26	0.43	5.6	0.15	98	40	2110	4.54	21	11	33.7	114	146	8.6	10.8	2.2	<1	0.4	<1	<10	<5	114	16.8	<10	26	<5
126607	1	<0.5	0.02	2.12	2.36	0.13	0.12	1.53	6.4	0.03	71	27	7410	5.14	18	<1	27.7	400	76	18.9	17.4	<0.5	<1	1.1	4	<10	<5	468	24.8	<10	26	<5
126608	<1	<0.5	0.02	0.64	1.38	0.10	0.09	0.38	4.4	0.08	42	21	574	2.49	10	15	19.2	90.1	46	10.0	18.1	2.1	<1	<0.2	<1	<10	<5	76	21.6	<10	7	<5
126609	2	<0.5	0.02	0.38	0.65	0.13	0.07	0.50	2.2	0.05	29	13	410	1.68	6	14	20.2	28.9	13	13.5	13.9	1.3	<1	<0.2	<1	<10	<5	46	16.9	<10	3	<5
126610	6	<0.5	0.05	1.20	2.97	0.11	0.16	0.74	12.2	0.13	135	58	1530	7.21	23	22	53.6	73.0	346	25.3	47.0	1.8	<1	<0.2	2	<10	<5	101	34.7	<10	10	<5
126611	3	<0.5	0.04	1.82	3.20	0.10	0.05	0.66	7.4	0.09	64	33	622	4.40	13	30	35.8	329	524	27.0	24.3	2.7	<1	0.8	2	<10	23	47	25.4	<10	129	<5
126612	5	<0.5	0.02	0.77	2.37	0.03	0.05	0.21	2.6	0.10	56	27	182	4.70	8	14	9.7	54.1	51	7.4	3.9	1.5	2	<0.2	<1	<10	<5	90	10.4	<10	10	<5
126613	2	0.5	0.02	1.28	2.71	0.05	0.05	0.34	4.6	0.05	66	32	265	4.12	15	22	12.1	133	45	6.7	5.2	3.4	<1	<0.2	<1	<10	<5	75	12.4	<10	11	<5
126614	1	<0.5	0.02	0.66	1.72	0.07	0.04	0.25	2.9	0.11	51	24	183	2.49	10	13	16.8	58.7	13	5.7	6.7	1.7	<1	<0.2	<1	<10	<5	64	11.9	<10	5	<5
126615	3	<0.5	0.02	2.37	2.29	0.13	0.14	3.61	7.1	0.02	37	29	3550	3.72	14	14	16.0	187	58	15.9	32.4	1.7	<1	0.7	2	<10	<5	168	39.8	<10	21	<5
126616	<1	<0.5	0.02	0.67	1.82	0.07	0.07	0.18	4.2	0.11	60	23	345	2.79	11	14	28.2	81.2	28	4.7	9.0	1.5	<1	<0.2	<1	<10	<5	65	15.9	<10	9	<5
126617	<1	<0.5	0.02	0.86	2.60	0.10	0.07	0.18	3.3	0.13	68	30	265	3.81	16	18	23.0	75.7	48	5.6	7.1	<0.5	<1	<0.2	<1	<10	<5	58	17.8	<10	8	<5
126618	<1	<0.5	0.02	1.14	2.98	0.06	0.13	0.32	3.7	0.16	66	66	408	4.69	13	18	10.4	195	<3	9.9	4.2	<0.5	2	0.4	1	<10	<5	78	10.5	<10	6	<5
126619	<1	<0.5	0.02	1.15	2.43	0.04	0.04	0.15	2.2	0.14	33	16	176	3.29	7	8	9.7	162	45	7.1	1.1	<0.5	<1	0.3	<1	<10	<5	53	7.8	<10	10	<5
126620	<1	<0.5	0.02	0.39	1.15	0.08	0.04	0.21	1.9	0.08	33	17	177	1.71	8	10	17.7	38.6	<3	5.9	8.9	1.7	<1	<0.2	<1	<10	<5	41	11.4	<10	4	<5

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ent. no.	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Lab.	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
ppb	ppm	%	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
16621	3	<0.5	0.02	0.68	1.60	0.06	0.14	0.26	4.7	0.10	45	23	191	2.44	8	14	26.9	57.9	5	7.1	35.4	1.5	1	<0.2	<1	<10	<5	145	20.9	<10	6	<5
16622	3	<0.5	0.02	0.44	1.49	0.02	0.04	0.16	1.7	0.08	31	14	66	1.83	7	6	5.4	70.8	21	5.7	2.3	<0.5	<1	<0.2	<1	<10	<5	49	6.2	<10	8	<5
16623	2	<0.5	0.02	0.55	1.53	0.06	0.05	0.15	2.0	0.09	38	19	135	2.03	10	12	12.8	55.3	4	4.7	5.7	1.8	<1	<0.2	<1	<10	<5	45	11.1	<10	4	<5
16624	4	<0.5	0.02	0.70	2.42	0.07	0.08	0.20	4.7	0.12	100	42	141	3.94	14	15	27.7	129	14	7.2	3.5	<0.5	<1	0.2	1	<10	<5	66	9.2	<10	3	<5
16625	2	<0.5	0.02	0.44	1.59	0.07	0.03	0.15	1.8	0.09	42	19	107	2.29	7	10	9.5	67.0	10	4.9	4.6	1.2	<1	<0.2	<1	<10	<5	30	8.5	<10	3	<5
16626	5	<0.5	0.02	0.38	1.36	0.04	0.06	0.23	2.0	0.11	52	18	124	3.21	9	11	15.4	178	56	9.2	3.7	0.8	<1	0.2	<1	<10	<5	60	8.2	<10	10	<5
16627	3	<0.5	0.02	0.62	1.83	0.05	0.05	0.21	2.5	0.11	48	22	120	2.89	9	16	19.7	80.8	24	11.2	3.6	1.2	<1	<0.2	<1	<10	<5	63	8.4	<10	7	<5
16628	<1	<0.5	0.02	0.31	1.35	0.01	0.03	0.08	1.5	0.09	31	15	100	1.73	6	8	4.1	64.3	<3	4.0	2.7	1.5	<1	<0.2	<1	<10	<5	56	5.6	<10	6	<5
16629	1	<0.5	0.02	0.49	1.68	0.03	0.04	0.14	2.0	0.10	40	20	118	2.29	8	13	9.7	115	<3	8.0	3.3	1.7	<1	0.3	<1	<10	<5	64	7.7	<10	3	<5
16630	4	<0.5	0.02	0.37	0.85	0.05	0.15	0.08	1.2	0.13	44	10	123	1.94	5	4	8.8	75.3	40	4.5	0.8	<0.5	2	<0.2	1	<10	<5	30	4.9	<10	9	<5
16631	2	<0.5	0.02	1.42	3.36	0.07	0.07	0.13	4.7	0.18	69	98	218	3.91	14	30	18.2	163	<3	5.6	1.8	<0.5	1	<0.2	1	<10	<5	52	10.3	<10	17	<5
16632	<1	<0.5	0.02	1.03	2.71	0.11	0.06	0.21	4.1	0.20	64	50	458	3.86	16	17	21.3	118	<3	8.4	1.5	<0.5	<1	0.3	1	<10	<5	48	9.3	<10	2	<5
16633	3	<0.5	0.02	1.14	3.04	0.07	0.12	0.16	3.1	0.16	44	27	169	4.18	9	13	17.3	103	(231)	6.3	2.6	<0.5	<1	0.2	2	<10	<5	46	10.0	<10	9	<5
16634	2	<0.5	0.02	0.86	2.69	0.03	0.02	0.16	2.1	0.14	40	18	88	3.49	8	9	8.5	61.2	<3	6.8	1.1	0.6	2	<0.2	<1	<10	<5	37	8.3	<10	17	<5
16635	2	<0.5	0.02	0.50	1.85	0.04	0.04	0.11	2.2	0.11	44	21	125	2.41	9	13	12.7	57.3	7	3.8	5.3	2.0	<1	0.2	<1	<10	<5	46	10.4	<10	7	<5
16636	5	<0.5	0.02	0.60	2.05	0.02	0.04	0.12	3.1	0.12	46	24	174	2.63	10	17	22.9	48.3	11	5.8	8.8	1.7	<1	0.2	1	<10	<5	69	12.4	<10	7	<5
16637	8	<0.5	0.02	0.47	2.02	0.04	0.04	0.20	1.8	0.09	40	20	118	2.34	9	14	10.4	63.8	5	7.4	3.2	1.0	<1	<0.2	<1	<10	<5	50	8.0	<10	7	<5
16638	3	<0.5	0.02	0.75	1.99	0.06	0.07	0.19	2.9	0.11	58	26	167	2.90	14	23	30.2	72.1	140	4.7	6.7	1.0	<1	<0.2	1	<10	<5	34	16.0	<10	12	<5
16639	2	<0.5	0.02	1.31	2.97	0.07	0.12	0.19	3.5	0.18	50	29	274	4.05	17	24	33.6	162	<3	6.5	4.1	<0.5	<1	0.2	<1	<10	<5	46	14.7	<10	13	<5
16640	2	<0.5	0.02	1.23	2.57	0.05	0.24	0.10	2.9	0.14	41	22	251	2.99	8	10	9.6	110	<3	2.7	2.4	0.6	<1	<0.2	1	<10	<5	37	8.1	<10	9	<5
16641	14	<0.5	0.02	1.64	3.15	0.06	0.73	0.34	7.9	0.24	91	112	1110	4.40	21	46	15.4	148	<3	11.7	4.8	<0.5	<1	0.5	2	<10	<5	153	12.2	<10	8	<5
16642	2	<0.5	0.02	0.96	2.56	0.09	0.07	0.25	4.0	0.16	65	22	239	4.04	13	12	24.3	248	58	8.9	3.1	<0.5	<1	0.3	2	<10	<5	171	11.0	<10	20	<5
16643	2	<0.5	0.02	1.42	2.67	0.06	0.16	0.15	2.3	0.13	34	15	203	2.66	8	10	16.3	84.5	<3	4.5	2.5	<0.5	1	0.2	<1	<10	<5	64	8.3	<10	7	<5
16644	3	<0.5	0.02	1.45	2.65	0.05	0.23	0.13	4.1	0.18	54	75	346	3.21	11	23	15.5	72.1	<3	4.1	1.7	<0.5	<1	0.2	1	<10	<5	113	9.1	<10	<2	<5
16645	4	<0.5	0.02	0.51	1.24	0.09	0.08	0.21	2.6	0.09	40	19	262	1.84	8	9	17.7	32.0	8	6.2	8.4	1.6	<1	<0.2	<1	<10	<5	52	13.2	<10	3	<5
16646	5	<0.5	0.02	1.21	2.54	0.07	0.10	0.23	3.8	0.16	53	33	203	3.36	11	20	27.3	127	219	6.4	5.1	0.5	<1	0.2	1	<10	<5	47	11.6	<10	13	<5
16647	3	<0.5	0.02	1.25	2.05	0.07	0.16	0.44	6.6	0.10	54	23	1610	3.54	13	26	33.4	333	138	9.9	22.7	3.4	<1	0.4	2	<10	<5	149	24.7	<10	28	<5
16648	4	<0.5	0.02	0.93	2.19	0.05	0.08	0.36	3.8	0.10	56	28	330	2.97	9	17	16.2	113	34	8.4	7.9	1.9	<1	<0.2	<1	<10	<5	81	12.8	<10	7	<5
16649	6	<0.5	0.02	1.67	1.92	0.14	0.11	1.49	4.9	0.02	25	22	1350	3.74	11	14	15.1	272	38	14.3	11.5	0.8	<1	0.4	1	<10	<5	103	17.0	<10	45	<5
16650	5	<0.5	0.01	1.43	1.56	0.13	0.03	1.64	5.7	0.01	22	19	3190	3.90	12	11	14.7	363	93	11.4	16.5	0.7	<1	0.7	1	<10	<5	125	23.6	<10	36	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sb	Ba	La	W	Pb	Bi	
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70		
Unit	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5
	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
126651	1	<0.5	0.02	0.77	2.33	0.06	0.04	0.47	2.5	0.09	54	24	1960	3.23	9	<1	10.5	30	47	8.9	2.0	1.0	<1	0.6	1	<10	<5	156	8.8	<10	16	<5
126652	<1	<0.5	0.02	0.99	2.34	0.04	0.03	0.31	5.0	0.13	72	31	758	3.63	16	18	27.1	64.2	34	7.7	8.4	1.6	<1	0.2	1	<10	<5	101	16.6	<10	7	<5
126653	<1	<0.5	0.02	2.15	3.26	0.05	0.03	0.82	2.9	0.05	61	29	302	4.07	11	16	7.9	75.1	78	14.4	3.3	3.6	<1	<0.2	1	<10	<5	124	9.3	<10	11	<5
126654	<1	<0.5	0.02	0.54	1.07	0.01	0.17	0.02	1.3	0.09	20	8	94	1.27	2	4	3.9	20.7	3	1.3	1.0	<0.5	<1	0.3	<1	<10	<5	21	4.7	<10	2	<5
126655	<1	<0.5	0.02	0.82	1.23	0.05	0.34	0.04	3.0	0.16	40	12	309	2.87	3	2	14.9	46.3	5	4.7	1.3	1.4	5	0.3	1	<10	<5	50	7.6	<10	5	<5
126656	2	<0.5	0.02	0.51	2.31	0.07	0.04	0.15	2.7	0.12	52	24	135	3.17	10	13	10.9	55.6	<3	5.3	6.3	1.0	<1	<0.2	1	<10	<5	70	13.9	<10	7	<5
126657	<1	0.5	0.02	0.72	2.88	0.08	0.10	0.17	3.6	0.15	65	39	249	3.98	17	18	11.5	112	<3	7.1	4.4	1.7	2	0.2	<1	<10	<5	99	10.2	<10	7	<5
126658	<1	<0.5	0.02	0.53	1.88	0.05	0.05	0.08	2.8	0.13	59	33	138	3.18	10	13	8.9	67.9	<3	3.1	4.0	2.2	<1	<0.2	<1	<10	<5	68	11.0	<10	6	<5
126659	<1	<0.5	0.02	0.38	1.61	0.02	0.03	0.06	2.0	0.10	48	21	93	2.45	10	10	9.0	59.7	<3	3.2	2.7	0.9	<1	<0.2	<1	<10	<5	72	8.0	<10	5	<5
126660	<1	<0.5	0.01	0.53	1.11	0.06	0.05	0.08	2.3	0.10	45	19	295	2.63	7	6	2.4	63.4	<3	2.9	1.3	<0.5	<1	<0.2	<1	<10	<5	42	8.1	<10	3	<5
126661	<1	<0.5	0.01	0.49	2.75	0.07	0.08	0.06	3.6	0.16	77	34	173	5.14	10	11	18.9	69.6	<3	3.7	5.9	1.2	2	<0.2	<1	<10	<5	61	22.6	<10	7	<5
126662	<1	<0.5	0.01	0.83	2.31	0.05	0.06	0.07	4.0	0.11	52	27	90	3.06	9	12	28.0	39.8	<3	3.0	13.1	4.2	<1	<0.2	<1	<10	<5	42	19.5	<10	5	<5
126663	<1	<0.5	0.02	0.55	1.81	0.08	0.04	0.16	2.6	0.11	39	20	91	1.93	6	12	22.0	33.2	<3	4.8	7.5	2.6	<1	<0.2	<1	<10	<5	65	13.3	<10	4	<5
126664	<1	<0.5	0.01	0.04	0.39	0.03	0.03	0.01	<0.5	0.12	67	6	49	1.50	2	<1	2.6	12.8	<3	1.8	0.7	<0.5	2	<0.2	1	<10	<5	16	4.8	<10	8	<5
126665	<1	<0.5	0.02	0.67	2.35	0.09	0.05	0.05	2.5	0.20	78	24	116	5.05	6	8	10.6	68.2	<3	3.0	2.7	0.6	2	<0.2	2	<10	<5	31	15.4	10	9	6
126666	5	<0.5	0.02	0.41	1.35	0.09	0.07	0.22	2.2	0.09	35	20	316	2.14	9	9	12.7	35.1	<3	7.1	7.9	2.0	<1	<0.2	<1	<10	<5	81	11.6	<10	2	<5
126667	3	0.5	0.02	0.67	2.78	0.07	0.06	0.10	3.6	0.09	47	29	113	2.73	9	18	24.9	54.9	<3	5.8	9.6	3.6	1	<0.2	<1	<10	<5	78	19.6	<10	7	<5
126668	1	<0.5	0.02	0.20	2.39	0.06	0.02	0.04	1.7	0.08	38	21	76	2.36	3	7	6.0	47.0	<3	2.5	2.4	2.2	1	<0.2	<1	<10	<5	29	6.5	<10	8	<5
126669	2	<0.5	0.02	0.54	2.07	0.03	0.05	0.11	2.3	0.09	43	25	136	2.57	10	16	10.8	54.7	<3	5.3	5.8	1.8	<1	<0.2	<1	<10	<5	82	12.3	<10	7	<5
126670	3	<0.5	0.02	0.73	2.19	0.15	0.11	0.13	2.5	0.11	60	28	257	3.83	10	11	9.4	65.2	11	4.5	3.0	0.7	<1	<0.2	<1	<10	<5	55	11.4	<10	6	<5
126671	3	<0.5	0.02	0.86	2.45	0.06	0.17	0.13	4.3	0.14	73	25	284	3.58	13	11	15.6	18	9	6.1	4.9	1.0	<1	0.4	<1	<10	<5	80	12.4	<10	5	<5
126672	4	<0.5	0.02	0.28	3.13	0.07	0.03	0.09	2.3	0.08	41	18	49	1.87	4	8	9.1	25.2	<3	3.8	5.5	1.9	<1	<0.2	<1	<10	<5	46	15.5	<10	2	<5
126673	<1	<0.5	0.01	0.98	2.10	0.05	0.07	0.10	2.7	0.12	63	14	241	3.66	11	3	8.4	45.8	<3	3.1	2.5	<0.5	<1	<0.2	<1	<10	<5	42	10.0	<10	<2	<5
126674	3	<0.5	0.01	0.43	2.62	0.11	0.04	0.04	2.4	0.10	82	18	184	4.86	7	4	9.0	86.8	<3	2.7	2.7	<0.5	2	<0.2	<1	<10	<5	40	11.6	<10	6	<5
126675	2	0.6	0.02	0.53	2.72	0.08	0.05	0.10	2.8	0.10	60	24	189	4.23	8	12	15.4	67.3	9	4.9	7.1	1.4	3	<0.2	1	<10	<5	69	20.1	<10	9	<5
126676	1	<0.5	0.02	0.48	2.29	0.08	0.05	0.16	2.6	0.10	41	26	122	2.04	9	14	19.7	40.8	<3	4.7	6.7	2.5	2	<0.2	<1	<10	<5	88	13.1	<10	4	<5
126677	1	<0.5	0.02	1.67	2.55	0.10	0.57	0.26	4.1	0.17	45	31	1070	3.34	23	16	14.7	77.1	<3	6.8	5.5	<0.5	2	<0.2	<1	<10	<5	164	16.4	<10	<2	<5
126678	1	<0.5	0.02	0.34	2.15	0.06	0.07	0.06	2.2	0.14	49	18	236	3.78	11	5	11.4	57.4	<3	3.7	6.7	0.9	3	<0.2	<1	<10	<5	49	17.6	<10	6	<5
126679	2	<0.5	0.02	0.22	3.30	0.08	0.02	0.07	1.9	0.08	43	20	68	3.39	2	4	10.2	33.8	<3	3.3	4.9	2.3	3	<0.2	<1	<10	<5	32	16.1	<10	6	<5
126680	7	<0.5	0.02	0.08	0.50	0.04	0.03	0.03	<0.5	0.13	66	32	809	1.70	3	1	3.0	29.4	<3	2.2	0.7	<0.5	<1	0.2	1	<10	<5	40	5.2	<10	9	<5

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Element	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method	FA30/1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
Limit	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5
Unit	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
26681	2	<0.5	0.02	1.33	2.65	0.04	0.17	0.12	4.1	0.20	68	20	344	3.69	8	9	11.2	112	<3	4.9	1.5	<0.5	<1	0.5	1	<10	<5	35	8.7	<10	16	<5
26682	7	<0.5	0.03	4.97	6.33	0.12	1.47	1.33	21.1	0.43	204	572	236	7.10	32	121	28.7	128	<3	26.0	18.8	1.3	<1	0.2	3	<10	<5	135	41.5	<10	<2	<5
26683	2	<0.5	0.01	3.15	3.16	0.03	0.07	0.21	2.6	0.13	56	24	488	3.37	11	8	5.1	117	9	5.0	1.2	4.5	<1	0.4	<1	<10	<5	21	7.8	<10	2	<5
26684	6	<0.5	0.02	0.70	2.29	0.07	0.08	0.64	1.6	0.10	38	15	288	2.93	7	9	8.8	117	11	27.5	1.8	0.8	<1	0.3	<1	<10	<5	132	7.7	<10	9	<5
26685	2	<0.5	0.02	1.14	2.16	0.07	0.33	0.13	3.5	0.21	45	25	117	3.13	8	10	15.1	99.0	<3	4.5	1.9	0.7	<1	0.3	1	<10	<5	50	8.6	<10	14	<5
26686	2	<0.5	0.02	0.97	2.27	0.05	0.04	0.16	2.5	0.18	57	22	159	3.53	9	10	10.1	202	<3	6.6	1.9	<0.5	1	<0.2	1	<10	<5	67	7.9	<10	32	<5
26687	<1	<0.5	0.02	0.83	2.55	0.06	0.06	0.16	2.5	0.12	54	22	424	3.17	17	14	26.8	119	4	5.1	4.9	<0.5	<1	0.4	<1	<10	<5	75	11.8	<10	23	<5
26688	1	<0.5	0.02	0.67	2.00	0.09	0.09	0.19	3.6	0.10	63	18	265	3.01	8	8	26.1	75.4	13	5.3	6.5	0.9	2	<0.2	<1	<10	<5	82	15.0	<10	5	<5
26689	<1	<0.5	0.02	0.19	1.26	0.03	0.03	0.04	1.5	0.08	38	15	105	2.05	3	4	7.0	38.3	<3	2.0	5.0	1.1	<1	0.2	<1	<10	<5	65	12.1	<10	6	<5
26690	2	<0.5	0.02	0.50	1.47	0.04	0.06	0.11	1.6	0.09	40	14	104	2.54	7	8	11.9	46.5	<3	4.8	5.0	<0.5	2	<0.2	<1	<10	<5	156	11.5	<10	5	<5
26691	<1	<0.5	0.02	0.41	1.86	0.08	0.05	0.10	2.1	0.10	46	20	439	2.88	14	8	8.7	61.1	<3	4.9	6.0	0.9	<1	<0.2	<1	<10	<5	165	14.0	<10	6	<5
26692	1	<0.5	0.01	1.23	1.63	0.04	0.45	0.18	5.3	0.18	56	28	414	2.97	12	16	4.3	54.9	<3	6.4	1.4	1.1	2	0.3	<1	<10	<5	282	6.1	<10	<2	<5
26693	2	<0.5	0.02	0.44	2.41	0.09	0.04	0.13	2.6	0.08	44	20	89	2.06	6	9	10.2	41.0	<3	3.8	6.2	1.7	2	<0.2	<1	<10	<5	67	14.7	<10	3	<5
26694	<1	<0.5	0.02	0.27	1.97	0.09	0.03	0.04	1.6	0.09	46	17	87	3.30	3	4	5.0	46.9	<3	3.2	2.6	1.0	1	<0.2	<1	<10	<5	111	9.6	<10	6	<5
26695	1	<0.5	0.02	0.41	1.61	0.04	0.03	0.09	2.2	0.12	49	15	170	3.03	8	7	11.2	66.9	<3	4.8	4.4	0.8	2	<0.2	<1	<10	<5	185	11.4	<10	3	<5
26696	<1	<0.5	0.01	0.37	1.20	0.04	0.07	0.03	0.9	0.18	59	8	161	3.41	5	2	3.0	45.8	<3	2.8	1.1	<0.5	1	<0.2	<1	<10	<5	65	9.3	<10	3	<5
26697	10	<0.5	0.02	0.64	1.81	0.10	0.05	0.20	2.1	0.10	45	20	215	2.63	7	9	10.6	76.0	6	10.1	3.4	1.0	2	<0.2	<1	<10	<5	117	9.6	<10	4	<5
26698	4	<0.5	0.02	0.54	1.70	0.07	0.04	0.14	2.9	0.12	45	22	95	2.22	5	9	17.1	39.8	<3	4.2	10.7	3.8	<1	<0.2	<1	<10	<5	120	13.8	<10	4	<5
26699	3	<0.5	0.02	0.07	0.57	0.04	0.05	0.06	0.6	0.02	13	6	2720	0.73	2	<1	9.4	57.6	5	4.8	1.6	<0.5	1	0.6	2	<10	<5	78	4.6	<10	4	<5
26700	1	<0.5	0.02	0.66	2.23	0.10	0.07	0.09	3.5	0.15	71	8	382	4.80	10	2	6.1	76.2	<3	3.6	6.0	0.8	2	<0.2	1	<10	<5	62	14.8	<10	4	<5
26701	1	<0.5	0.02	0.36	1.40	0.07	0.06	0.14	2.8	0.10	40	19	77	1.88	5	9	14.1	24.5	<3	4.1	7.2	3.3	3	<0.2	<1	<10	<5	93	10.6	<10	7	<5
26702	11	<0.5	0.02	1.34	3.11	0.05	0.08	0.17	5.5	0.18	96	91	120	4.25	21	37	28.4	60.9	21	5.7	13.6	2.9	<1	<0.2	<1	<10	<5	90	40.6	<10	6	<5
26703	4	<0.5	0.02	0.53	1.81	0.05	0.06	0.07	2.1	0.21	102	17	189	4.84	10	5	5.2	73.7	<3	3.9	2.4	<0.5	2	<0.2	2	<10	<5	57	11.3	<10	7	<5
26704	1	<0.5	0.02	0.28	0.51	0.03	0.08	0.06	0.6	0.17	42	71	99	0.92	5	10	1.5	19.6	<3	2.4	1.1	<0.5	<1	0.3	1	<10	<5	32	3.8	<10	20	<5
26705	<1	<0.5	0.03	2.68	4.78	0.06	0.12	0.54	5.3	0.20	81	63	361	3.79	17	37	27.6	308	<3	18.4	4.0	2.0	<1	0.6	2	<10	<5	56	15.0	10	36	<5
26706	2	<0.5	0.01	1.98	3.38	0.04	0.07	0.28	3.5	0.19	64	21	222	3.91	13	13	15.4	220	<3	7.6	1.6	1.1	2	0.2	1	<10	<5	52	8.0	<10	35	<5
26707	4	0.6	0.02	1.90	4.03	0.06	0.06	0.20	3.5	0.14	49	20	184	3.52	10	11	11.4	152	<3	6.9	1.3	<0.5	<1	0.5	<1	<10	<5	32	7.1	<10	21	<5
26708	5	<0.5	0.02	0.79	1.34	0.06	0.29	0.24	2.6	0.17	37	20	377	2.11	7	8	5.4	50.4	<3	8.2	1.2	<0.5	<1	<0.2	1	<10	<5	108	6.9	<10	2	<5
Dup 126501	1	<0.5	0.02	0.56	1.61	0.08	0.04	0.28	1.6	0.09	34	16	161	2.01	6	12	18.9	63.9	4	9.4	6.8	0.9	<1	0.2	1	<10	<5	52	9.7	<10	8	<5
Dup 126513	3	<0.5	0.02	0.69	1.60	0.06	0.08	0.20	4.5	0.13	50	21	748	2.70	8	8	33.7	70.9	<3	4.9	15.3	1.1	<1	<0.2	1	<10	<5	130	20.2	<10	6	<5

SOIL SAMPLING PROGRAM - 1997.

**E-Minerals Expl. Corp.
Clarendon Twp. Proper.**

XRAL XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 018702 Date: 16/12/97

FINAL

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	Au FA30/1 1 ppb	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm
126525	<1	<0.5	0.02	1.24	2.62	0.07	0.17	0.31	5.1	0.21	110	22	256	4.55	16	14	27.3	173	5	8.4	2.2	<0.5	<1	0.3	2	<10	<5	92	9.1	<10	19	<5
126537	1	<0.5	0.02	0.80	2.65	0.05	0.09	0.11	3.4	0.14	61	32	218	3.24	12	21	22.7	83.6	20	3.9	5.3	2.2	<1	<0.2	<1	<10	<5	82	12.4	<10	10	<5
126549	24	<0.5	0.02	1.50	2.76	0.04	0.15	0.29	5.0	0.15	41	24	445	3.13	13	14	40.3	246	231	8.4	13.7	<0.5	<1	0.2	<1	<10	<5	120	17.7	<10	10	<5
126561	<1	<0.5	0.02	0.82	2.05	0.07	0.09	0.24	2.7	0.13	45	24	454	3.23	9	11	12.9	93.1	<3	7.8	5.9	<0.5	<1	0.3	1	<10	<5	68	12.0	<10	4	<5
126573	<1	<0.5	0.02	0.57	1.44	0.08	0.05	0.36	3.6	0.08	40	20	369	2.43	8	11	12.0	53.2	19	9.8	14.8	2.1	<1	<0.2	<1	<10	<5	69	16.9	<10	6	<5
126585	4	<0.5	0.02	0.52	1.76	0.05	0.04	0.15	4.1	0.08	46	18	173	2.62	11	16	25.5	81.2	43	5.7	16.0	0.6	<1	<0.2	<1	<10	<5	60	15.9	<10	5	<5
126597	1	<0.5	0.02	0.41	1.18	0.09	0.08	0.32	1.7	0.08	30	16	148	1.55	8	9	7.6	34.5	<3	8.7	7.3	1.3	<1	<0.2	<1	<10	<5	39	10.0	<10	5	<5
126609	1	<0.5	0.02	0.38	0.65	0.12	0.08	0.48	2.2	0.05	27	13	410	1.60	6	13	20.4	28.4	13	12.6	13.9	1.4	<1	<0.2	<1	<10	<5	47	15.4	<10	4	<5
126621	2	<0.5	0.02	0.64	1.50	0.06	0.13	0.25	4.4	0.10	42	22	178	2.29	9	13	25.0	55.2	4	6.8	33.8	1.4	2	<0.2	<1	<10	<5	138	19.4	<10	4	<5
126633	3	<0.5	0.02	1.10	2.91	0.07	0.12	0.15	2.9	0.17	42	26	161	3.93	9	12	16.1	98.0	215	5.9	2.5	<0.5	<1	0.3	<1	<10	<5	44	9.2	<10	9	<5
126645	4	<0.5	0.02	0.51	1.25	0.10	0.08	0.21	2.6	0.09	39	18	265	1.84	8	9	16.1	31.8	9	5.9	8.5	1.5	<1	<0.2	<1	<10	<5	53	12.8	<10	3	<5
126657	1	0.6	0.02	0.70	2.85	0.08	0.10	0.16	3.6	0.15	63	36	237	3.88	15	17	11.2	109	<3	6.9	4.3	1.6	2	0.3	2	<10	<5	98	9.8	<10	8	<5
126669	3	<0.5	0.02	0.52	2.01	0.03	0.05	0.11	2.3	0.09	42	24	128	2.51	10	15	10.3	53.1	<3	5.0	5.9	1.5	<1	<0.2	<1	<10	<5	81	11.7	<10	7	<5
126681	3	<0.5	0.02	1.26	2.49	0.04	0.16	0.12	3.9	0.19	64	19	324	3.51	9	10	10.3	107	<3	4.7	1.4	<0.5	<1	0.3	1	<10	<5	33	8.0	<10	16	<5
126693	1	<0.5	0.02	0.45	2.43	0.09	0.04	0.13	2.6	0.09	45	21	93	2.07	6	9	10.3	41.9	<3	3.7	6.2	1.9	3	<0.2	<1	<10	<5	67	14.9	<10	6	<5
126705	<1	<0.5	0.03	2.78	4.85	0.06	0.11	0.54	5.4	0.22	83	65	352	3.83	18	38	27.9	313	<3	18.6	3.8	1.9	<1	0.5	1	<10	<5	55	14.2	<10	57	<5

TILL GEOCHEMISTRY PROGRAM

SAMPLE RESULTS (ICAP)

E-MINERALS EXPL. CORP.

SAMPLE ID SCHEME	GridEast	GridNorth	Au	Be	Na	Mg	Al	P	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	
			FA30/1 ppb	ICP70 ppm	ICP70 %	ICP70 %	ICP70 %	ICP70 %	ICP70 %	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm	ICP70 ppm
DET'N LIMIT	-ve west	-ve south																								
C-001	400	1300	-1	0.5	0.01	0.01	0.01	0.01	29	43.6	541	158	9.5	51.8	2.5	-1	0.4	2	-10	-5	84	63.2	-10	44	-5	
C-002	400	1325	-1	0.6	0.02	1.44	2.6	0.1	24	41.2	131	69	9	26.5	3.8	-1	-0.2	-1	-10	-5	178	23.6	-10	16	-5	
C-003	400	1350	-1	0.7	0.05	2.54	2.92	0.06	13	18.8	124	-3	22.5	10.7	2.3	-1	-0.2	-1	-10	-5	181	15	-10	12	-5	
C-004	400	1375	-1	-0.5	0.02	1.83	2.73	0.12	12	55.1	201	-3	9.4	22.9	1.7	-1	-0.2	1	-10	-5	334	23.7	-10	11	-5	
C-005	400	1400	-1	-0.5	0.02	1.35	2.37	0.09	21	43.1	141	35	12.5	30.1	3.8	-1	-0.2	-1	-10	-5	269	29.9	-10	11	-5	
C-006	400	1425	-1	-0.5	0.01	1.82	3.38	0.11	15	50.2	241	35	7.4	10.8	1.8	-1	-0.2	1	-10	-5	184	15.6	-10	9	-5	
C-007	400	1450	-1	-0.5	0.01	0.45	0.96	0.03	12	5.9	66.7	-3	4.7	1.6	0.8	-1	-0.2	-1	-10	-5	41	5.3	-10	-2	-5	
C-008	400	1475	-1	0.5	0.04	0.92	1.8	0.1	18	25.9	70	-3	24.7	22.4	13.3	-1	-0.2	-1	-10	-5	229	27.6	-10	7	-5	
C-009	400	1500	-1	0.5	0.04	0.86	1.44	0.1	15	24.4	49.2	-3	30.8	23.4	10.7	-1	-0.2	-1	-10	-5	173	24.7	-10	5	-5	
C-010	400	1525	-1	0.5	0.02	0.89	2.2	0.05	32	55	74.3	-3	9.2	26.4	2.5	-1	-0.2	-1	-10	-5	166	25.5	-10	5	-5	
C-011	400	1550	-1	-0.5	0.02	0.43	1.66	0.06	16	23	45	-3	9	11.5	2.4	-1	-0.2	-1	-10	-5	117	14.5	-10	8	-5	
C-012	400	1575	2	0.9	0.02	1.07	4.06	0.09	37	21	252	12	8.7	17.1	3.2	-1	-0.2	-1	-10	-5	250	18.9	-10	7	-5	
C-013	300	1550	-1	-0.5	0.02	0.56	1.72	0.06	18	21.7	49.3	-3	5.2	11	1.7	-1	-0.2	-1	-10	-5	98	13.9	-10	9	-5	
C-014	300	1525	4	-0.5	0.02	0.61	1.74	0.04	15	13.5	66.8	-3	8.2	6.8	2.1	-1	-0.2	-1	-10	-5	91	9.1	-10	4	-5	
C-015	300	1500	2	-0.5	0.01	1.11	1.58	0.08	46	3.4	141	-3	14.8	8.4	0.5	-1	-0.2	-1	-10	-5	71	13.5	-10	8	-5	
C-016	300	1475	-1	-0.5	0.01	1.16	1.65	0.11	41	4.1	95.9	-3	7.5	7.8	1.2	-1	-0.2	-1	-10	-5	85	14.8	-10	6	-5	
C-017	300	1450	-1	-0.5	0.02	1.06	2.34	0.11	21	23.3	106	-3	11.1	15.2	4.1	-1	-0.2	-1	-10	-5	168	20	-10	7	-5	
C-018	300	1425	-1	0.5	0.02	0.94	2.05	0.08	13	15	73	-3	9.6	6	1.6	-1	-0.2	-1	-10	-5	89	10.8	-10	5	-5	
C-019	300	1400	-1	0.5	0.02	0.93	2.02	0.07	12	11.1	76.1	-3	5.8	6.4	1.9	-1	-0.2	-1	-10	-5	106	12.5	-10	3	-5	
C-020	300	1375	-1	-0.5	0.02	1.83	2.17	0.06	13	11.5	105	-3	10.1	7.3	2.1	-1	0.3	-1	-10	-5	215	11.3	-10	10	-5	
C-021	300	1350	-1	-0.5	0.01	2.48	2.96	0.1	20	26.6	164	2.1	189	13.6	22.9	3	2	0.8	1	-10	7	231	24.3	-10	65	-5
C-022	300	1325	-1	0.5	0.01	3.39	3.29	0.09	16	18	197	65	7	9.2	3.3	-1	0.3	-1	-10	-5	254	12.9	-10	34	-5	
C-023	300	1300	-1	-0.5	0.01	9.92	0.33	0.04	-1	3.4	36	15	44.2	1.5	-0.5	-1	-0.2	-1	-10	-5	26	2.6	-10	5	-5	
C-024	300	1275	-1	0.5	0.02	1.17	2.55	0.06	28	45.7	520	2.5	295	7.2	23.6	3.3	-1	0.2	1	-10	-5	88	22.7	-10	34	-5
C-025	300	1250	7	-0.5	0.02	1.39	1.55	0.04	37	28.3	367	79	26.2	20.6	1.5	-1	0.6	-1	-10	-5	308	18.4	-10	77	-5	
C-026	200	1275	7	-0.5	0.02	0.74	1.77	0.06	21	62	283	99	13.1	24.8	2.7	2	1.5	-1	-10	10	98	22.2	-10	76	-5	
C-027	200	1300	4	0.7	0.09	2.46	3.68	0.07	48	44.2	178	2.8	152	15.5	20.8	6.3	-1	0.2	-1	-10	-5	62	21.1	-10	15	-5
C-028	200	1325	1	0.6	0.02	1.26	2.57	0.07	33	23.4	214	47	5.6	18.8	3.8	-1	0.2	-1	-10	-5	77	20.2	-10	16	-5	
C-029	200	1350	3	0.6	0.01	2.18	2.94	0.16	28	12.5	547	72	7.7	19.8	2.7	-1	0.6	5	-10	-5	216	30	-10	35	-5	
C-030	200	1375	2	0.7	0.03	1.9	2.82	0.09	25	22.8	119	3.1	75	16.2	20.5	3.8	1	0.2	-1	-10	-5	443	26.4	-10	17	-5
C-031	200	1400	-1	0.7	0.02	1.57	2.68	0.24	18	11.4	178	3.2	134	14.3	4	1.4	2	-0.2	-1	-10	-5	10.4	-10	26	-5	
C-032	200	1425	1	-0.5	0.02	2.12	2.67	0.14	18	21.9	191	3.2	60	18.7	8.3	1.4	-1	-0.2	-1	-10	-5	220	13.2	-10	44	-5
C-033	200	1450	-1	-0.5	0.02	0.7	1.92	0.05	15	13.5	82.1	-3	6.2	4.6	1.9	-1	-0.2	-1	-10	-5	95	8.6	-10	5	-5	
C-034	200	1475	1	-0.5	0.02	1.21	2.04	0.08	11	15	124	-3	8.2	7.9	0.7	-1	-0.2	-1	-10	-5	190	11.4	-10	9	-5	
C-035	200	1500	-1	-0.5	0.02	0.88	2.04	0.14	10	9.9	159	3.6	-3	12	5.1	1	-1	0.2	-1	-10	-5	118	11.7	-10	4	-5
C-036	200	1525	2	-0.5	0.02	0.71	2.19	0.14	20	21.8	141	-3	7.3	6.8	-0.5	-1	-0.2	-1	-10	-5	111	13	-10	11	-5	
C-037	200	1550	-1	-0.5	0.01	0.82	1.31	0.08	33	10.1	86.2	-3	8.2	3.8	0.9	-1	-0.2	-1	-10	-5	100	9.2	-10	7	-5	
C-038	100	1550	-1	-0.5	0.02	0.46	1.37	0.04	12	8.5	109	-3	11.1	3.8	1.1	-1	-0.2	-1	-10	-5	57	7.7	-10	7	-5	
C-039	100	1525	-1	-0.5	0.02	0.99	1.96	0.07	40	7.1	121	-3	8.7	5	1.1	-1	-0.2	-1	-10	-5	55	10.9	-10	9	-5	
C-040	100	1500	-1	-0.5	0.02	0.21	0.46	0.05	6	8.4	37.7	-3	8.7	1.7	-0.5	-1	-0.2	-1	-10	-5	138	8.7	-10	8	-5	
C-041	100	1475	-1	-0.5	0.02	0.51	1.33	0.06	19	31.1	69	5	3.7	6.9	1.9	1	0.3	-1	-10	-5	44	10.9	-10	4	-5	
C-042	100	1450	1	-0.5	0.01	2.38	2.25	0.09	11	10.3	258	4.3	90	10.7	2.7	2.8	-1	-0.2	-1	-10	-5	165	9.3	-10	38	-5
C-043	100	1425	4	-0.5	0.02	0.89	1.65	0.04	10	8.9	110	4	7.3	3.1	0.8	-1	-0.2	-1	-10	-5	114	6.1	-10	7	-5	
C-044	100	1400	4	0.8	0.02	1.28	2.15	0.13	45	122	104	4.5	112	13.2	26.1	4.7	-1	0.5	-1	-10	-5	388	33	-10	19	-5
C-045	100	1375	2	-0.5	0.02	0.53	1.58	0.02	11	10.5	51	-3	6.1	4.9	2.1	-1	-0.2	-1	-10	-5	58	8.4	-10	7	-5	
C-046	100	1350	-1	0.6	0.02	0.47	2.92	0.11	12	6.6	180	4.7	-3	8.8	8.1	-0.5	1	-0.2	-1	-10	-5	127	12.2	-10	25	-5
C-047	100	1325	-1	-0.5	0.02	0.56	1.54	0.06	11	5.3	235	-3	3.6	4	1.4	-1	0.3	-1	-10	-5	69	7.6	-10	13	-5	
C-048	100	1300	5	-0.5	0.02	1.03	2.04	0.07	22	53.2	134	4.9	10	4.4	34	3.6	1	-0.2	1	-10	-5	69	29.1	-10	13	-5
C-049	100	1275	3	-0.5	0.03	2.05	0.81	0.05	8	22.2	171	119	70	19	0.9	-1	0.7	1	-10	-5	45	11.6	-10	16	-5	
C-050	0	1250	5	-0.5	0.02	7.3	0.87	0.05	8	11.8	100	52	38.2	8.4	1.9	-1	0.2	1	-10	-5	42	9.1	-10	8	-5	
C-051	0	1275	2	-0.5	0.01	3.08	0.54	0.09	4	10	184	5.1	6	14.7	3.7	-0.5	-1	0.4	1	-10	-5	58	6.1	-10	31	-5
C-052	0	1300	1	-0.5	0.01	9.55	0.54	0.03	4	10	37.1	23	26.9	7.4	1.6	-1	0.4	-1	-10	-5	11	6.4	-10	2	-5	
C-053	0	1325	7	-0.5	0.02	2.43	2.6	0.07	25	38.9	163	-3	5.6	19.2	4.7	-1	0.4	1	-10	-5	74	25.2	-10	12	-5	
C-054	0	1350	2	0.6	0.04	0.97	1.9	0.08	20	22.1	61.5	-3	17.4	21.8	12.8	-1	-0.2	-1	-10	-5	186	26.2	-10	6	-5	
C-055	0	1375	1	0.7	0.04	1.06	2.1	0.13	22	29.3	108	-3	22.2	21.6	11.9	2	-0.2	-1	-10	-5	294	27.9	-10	5	-5	
C-056	0	1400	1	-0.5	0.02	1.95	0.92	0.06	9	24.2	187	156	69.8	20.5	1.6	-1	0.5	2	-10	-5	50	12.7	-10	20	-5	

TILL GEOCHEMISTRY PROGRAM

SAMPLE RESULTS

(ICAP)

E-MINERALS EXPL. CORP.

Sample ID	Depth	Mo	Ag	As	Cu	Zn	Co	Cr	Fe	Mn	Ni	Pb	Sr	Tl	V	W	Xf	Y	Zr	Other							
C-065	-100	1450	-1	-0.5	0.03	0.87	1.43	0.1	19	40	74.4	-3	17.1	31.4	6.8	-1	-0.2	-1	-10	-5	14	-5					
C-066	-100	1425	-1	0.5	0.05	1.17	1.48	0.1	18	34	64.8	-3	39.1	24.8	11.8	-1	-0.2	-1	-10	-5	161	34.6	-10	7	-5		
C-067	-100	1400	-2	0.8	0.05	1.19	1.78	0.1	21	32	81.2	-3	31.2	22.7	13.5	-1	-0.2	-1	-10	-5	173	29.9	-10	4	-5		
C-068	-100	1375	-1	0.7	0.04	1.07	2.19	0.1	23	27.8	87.3	-3	23.7	22.9	13	-1	-0.2	-1	-10	-5	230	28.9	-10	7	-5		
C-069	-100	1350	-1	-0.5	0.03	0.77	2.65	0.15	16	18.1	411	69	49	25.5	41	1.4	3	-0.2	-1	-10	-5	271	28.6	-10	7	-5	
C-070	-100	1325	-1	1.1	0.02	5.6	4.41	0.43	15	13.3	219	68	15.2	45	4.4	2	-0.2	-1	-10	-5	476	42.4	-10	44	-5		
C-071	-100	1300	-1	-0.5	0.02	1.63	2.9	0.12	27	17.6	170	-3	4	13.5	-0.5	-1	-0.2	-1	-10	-5	188	50.1	-10	12	-5		
C-072	-100	1275	-1	-0.5	0.01	2.04	1.73	0.08	6	12.1	228	9	7.8	19.2	3.6	-1	-0.2	-1	-10	-5	74	14.2	-10	8	-5		
C-073	-100	1250	2	-0.5	0.02	1.51	2.29	0.11	32	62.8	713	73	110	12.7	27.5	4.1	-1	-0.2	-1	-10	-5	157	21.7	-10	15	-5	
C-074	-200	1175	2	0.7	0.03	0.56	1.97	0.04	13	23.6	54.7	384	10	4.7	2.6	2	0.4	-1	-10	-5	98	17.7	-10	31	73	-5	
C-075	-200	1200	6	-0.5	0.02	1.13	0.35	0.02	4	26.4	161	48	57	177	4.9	0.5	2	0.8	-1	-10	-5	42	10.8	-10	13	-5	
C-076	-200	1225	2	-0.5	0.01	0.74	1.34	0.13	9	27.9	548	70	124	19	26.9	0.7	3	1.4	-1	-10	-5	180	27.1	-10	89	-5	
C-077	-200	1250	3	-0.5	0.02	0.73	1.58	0.15	6	52.7	739	77	57	13.3	22.1	0.7	2	2.8	-1	-10	-5	200	24.7	-10	80	77	-5
C-078	-200	1275	2	-0.5	0.01	8.78	0.69	0.04	4	5.4	65.4	8	21.2	6.7	1.1	-1	-0.2	-1	-10	-5	27	6.9	-10	8	-5		
C-079	-200	1300	1	0.6	0.02	4.78	3.23	0.18	30	13.6	298	79	19	13.2	13.8	4	-1	0.3	-1	-10	-5	148	16.1	-10	15	-5	
C-080	-200	1325	2	-0.5	0.02	1.96	3.91	0.13	23	17.4	232	8	7	12.6	1.3	-1	-0.2	-1	-10	-5	130	17.2	-10	9	80	-5	
C-081	-200	1350	2	0.5	0.01	1.75	2.1	0.1	13	7.7	168	76	8.6	3	2.2	-1	-0.2	-1	-10	-5	75	7	-10	19	-5		
C-082	-200	1375	1	0.8	0.02	2.26	2.73	0.11	20	46.4	130	-3	17.5	28.5	1.4	-1	0.3	-1	-10	-5	272	37.9	-10	17	-5		
C-083	-200	1400	1	-0.5	0.01	1.71	2.23	0.12	16	28	128	-185	8.7	11.7	2.8	-1	-0.2	-1	-10	-5	114	16.4	-10	23	-5		
C-084	-200	1425	8	0.8	0.02	0.82	3	0.2	18	60.6	264	-3	36	112	1.5	-1	-0.2	-1	-10	-5	500	84.4	-10	13	-5		
C-085	-200	1450	1	-0.5	0.02	0.36	1.07	0.19	7	70.8	34.8	85	-3	25	77.6	1.4	-1	-0.2	-1	-10	-5	164	77.1	-10	9	85	-5
C-086	-200	1475	3	0.5	0.02	0.77	2.03	0.06	22	25.8	126	-3	19.6	30.8	2.6	-1	-0.2	-1	-10	-5	180	28.9	-10	14	-5		
C-087	-200	1500	-1	0.6	0.04	0.62	1.72	0.1	17	12.1	104	-3	17.6	5.8	1.3	-1	-0.2	-1	-10	-5	109	9.8	-10	32	-5		
C-088	-200	1525	4	-0.5	0.02	0.47	1.79	0.08	17	18.4	96.3	-3	6.8	3.9	0.7	-1	-0.2	-1	-10	-5	53	9.5	-10	12	-5		
C-089	-300	1525	2	-0.5	0.05	1.02	2.83	0.12	17	51.2	103	-3	17	10.1	-0.5	-1	-0.2	-1	-10	-5	86	11.4	-10	8	-5		
C-090	-300	1500	-1	-0.5	0.02	0.84	1.94	0.05	17	17.3	122	90	-3	7.5	4.9	1.5	-1	-0.2	-1	-10	-5	117	9.1	-10	5	90	-5
C-091	-300	1475	4	-0.5	0.02	0.74	1.78	0.07	15	12.2	83.8	-3	6.6	5.2	0.9	-1	-0.2	-1	-10	-5	102	11	-10	6	-5		
C-092	-300	1450	-1	-0.5	0.01	0.65	1.26	0.08	23	5.7	88.9	-3	6.3	3	0.7	-1	-0.2	-1	-10	-5	89	9.2	-10	5	-5		
C-093	-300	1425	-1	-0.5	0.02	2.11	3.36	0.11	17	25.8	134	-3	9.9	10.6	1.3	-1	-0.2	-1	-10	-5	104	15.1	-10	12	-5		
C-094	-300	1400	-1	-0.5	0.02	0.67	1.84	0.06	18	21.2	89.7	-3	5.5	5.9	1.7	-1	-0.2	-1	-10	-5	96	10.5	-10	6	-5		
C-095	-300	1375	1	-0.5	0.03	1.49	2.52	0.16	20	47	130	-3	10.5	17	1.2	-1	-0.2	-1	-10	-5	334	19.5	-10	6	-5		
C-096	-300	1350	-1	-0.5	0.02	1.15	2.07	0.09	21	8.3	101	-3	6.3	5.8	1.4	-1	-0.2	-1	-10	-5	102	11.9	-10	2	-5		
C-097	-300	1325	1	0.5	0.02	0.89	2.88	0.08	24	20.3	199	97	-3	6	8	1.3	-1	-0.2	-1	-10	-5	109	13.4	-10	6	-5	
C-098	-300	1300	-1	-0.5	0.01	6.77	0.34	0.05	4	16.3	113	-3	103	11.1	-0.5	-1	0.3	-1	-10	-5	37	9.2	-10	5	-5		
C-099	-300	1275	2	-0.5	0.02	7.1	1.09	0.12	-1	9.6	397	99	15	22.7	9	-0.5	-1	0.3	-1	-10	-5	127	12.1	-10	33	99	-5
C-100	-300	1250	-1	-0.5	0.01	9.35	0.57	0.06	3	2.8	62.1	100	-3	40.1	3.8	-0.5	-1	0.2	-1	-10	-5	35	3.5	-10	5	-5	
C-101	-300	1225	-1	-0.5	0.02	1.6	2.79	0.13	26	22.2	143	101	173	6.8	14.4	1	-1	-0.2	-1	-10	-5	108	13	-10	4	-5	
C-102	-300	1200	-1	-0.5	0.02	0.65	0.86	0.17	17	33	349	102	81	72	30.1	-0.5	4	0.4	-1	-10	-5	127	26.7	-10	86	102	-5
C-103	-300	1175	3	-0.5	0.02	2.79	1.59	0.04	5	12.4	85.3	-3	87	5.5	1	2	0.3	-1	-10	-5	39	8.7	-10	17	-5		
C-104	-300	1150	4	0.6	0.01	1.14	2.14	0.05	24	12.6	297	104	243	7.6	10.7	4.9	4	0.8	-1	-10	-5	52	17.1	-10	124	104	-5
C-105	-400	1125	9	0.6	0.02	1.24	2.92	0.04	30	60.2	105	355	12.4	47.2	11.6	1	0.8	-1	-10	-5	244	29.9	-10	31	-5		
C-106	-400	1150	2	-0.5	0.01	2.94	1.5	0.03	4	5.3	160	4	175	4	1.3	-1	1.4	-1	-10	-5	32	5.8	-10	61	106	-5	
C-107	-400	1175	1	0.6	0.03	1.94	3.87	0.06	33	38.5	264	107	82	7.1	13	1.9	5	0.3	-1	-10	-5	106	15.4	-10	49	-5	
C-108	-400	1200	1	0.6	0.03	1.26	3.11	0.08	12	44.7	149	27	10.6	8.1	2.8	1	-0.2	-1	-10	-5	135	12.6	-10	15	108	-5	
C-109	-400	1225	8	0.7	0.04	1.03	3.2	0.09	51	50.3	114	109	218	10.2	21.6	3.4	-1	0.5	-1	-10	-5	71	28.5	-10	30	-5	
C-110	-400	1250	2	1.1	0.02	2.43	4.26	0.12	27	37.1	147	110	11	7.8	18.9	1.6	-1	0.2	-1	-10	-5	89	21.9	-10	16	-5	
C-111	-400	1275	1	0.7	0.03	3.9	1.64	0.15	14	14	72.1	6	15.9	23.8	3.5	-1	-0.2	-1	-10	-5	90	28.3	-10	7	-5		
C-112	-400	1300	2	-0.5	0.03	0.89	2.52	0.07	21	22.2	79.2	-3	10.9	7.4	2.6	-1	-0.2	-1	-10	-5	110	12.6	-10	6	-5		
C-113	-400	1325	-1	-0.5	0.02	0.68	1.59	0.09	16	9	121	64	7.3	4.8	1.5	-1	-0.2	-1	-10	-5	57	10.1	-10	20	-5		
C-114	-400	1350	4	0.6	0.03	2.06	3.12	0.2	17	50.6	148	114	13	13.5	24.6	3.4	1	-0.2	-1	-10	-5	170	23.9	-10	11	-5	
C-115	-400	1375	1	-0.5	0.02	1.5	2.65	0.07	19	55.1	131	-3	7.9	9.8	1.4	-1	-0.2	-1	-10	-5	175	21.2	-10	6	-5		
C-116	-400	1400	1	0.5	0.02	2.88	5.23	0.06	38	55.6	169	116	-3	26.6	8.2	0.9	-1	-0.2	-1	-10	-5	316	13.7	-10	5	-5	
C-117	-400	1425	-1	-0.5	0.02	0.82	1.9	0.08	19	14.5	67.7	-3	12.1	6	0.7	-1	-0.2	-1	-10	-5	109	15.8	-10	2	-5		
C-118	-400	1450	2	1.1	0.05	1.51	4.58	0.13	39	5.1	103	-3	18.9	4	-0.5	1	0.3	-1	-10	-5	268	11.4	-10	2	-5		
C-119	-400	1475	2	0.5	0.02	1.05	2.53	0.1	36	11.8	86.2	-3	7.2	11.4	2.5	-1	-0.2	-1	-10	-5	153	19.3	-10	15	-5		
C-120	-400	1500	-1	0.7	0.04	0.75	2.83	0.09	23	8.8	159	120	-3	17.1	5.5	0.9	-1	0.2	-1	-10	-5	106	10.9	-10	13	-5	
C-121	-400	1520	4	-0.8	0.03	0.68	2.37	0.06	31	33.7	216	-3	10	2.9	0.6	-1	-0.2	-1	-10	-5	110	9	-10	29	-5		
C-122	-500	1500	-1	0.5	0.05	0.79	2.46	0.09	16	33.7	229	-3	16.6	6.8	1.2	-1	-0.2	-									

TILL GEOCHEMISTRY PROGRAM

SAMPLE RESULTS

(ICAP)

E-MINERALS EXPL. CORP.

Sample ID	Depth (m)	Elev (m)	pH	Temp (C)	pEC	pH ₂ O	pH _{NaCl}	pH _{CaCl2}	Cu			Zn			As			Mo			Ag			Pb		
									ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
C-214	1200	100	7	-0.5	0.02	0.96	2.35	0.08	18	18	136	11	11.7	2.8	2.7	1	0.3	-1	-10	-5	79	6.2	-10	14	214	-5
C-215	1200	75	2	0.8	0.02	0.89	2.14	0.04	27	27.1	181	10	5.7	12	3.2	-1	-0.2	-1	-10	-5	67	16.9	-10	14	-5	
C-216	1200	50	1	-0.5	0.02	0.47	1.53	0.1	13	20.3	41.8	7	9.1	18	4.4	1	-0.2	-1	-10	-5	73	26.6	-10	9	-5	
C-217	1200	25	-1	-0.5	0.01	0.74	1.97	0.05	10	11.3	128	20	8.9	3.4	2.6	-1	-0.2	-1	-10	-5	138	6.6	-10	13	-5	
C-218	1200	0	-1	-0.5	0.02	0.59	1.8	0.05	8	6.2	111	30	9.2	1.6	1.1	1	0.3	-1	-10	-5	91	4	-10	20	-5	
C-219	1200	-25	-1	-0.5	0.02	0.52	1.78	0.08	14	22	101	15	6.7	9.8	3.4	-1	-0.2	-1	-10	-5	47	15.4	-10	11	-5	
C-220	1200	-50	3	-0.5	0.02	0.51	1.78	0.05	16	12.5	102	7	4.4	5.6	2.4	-1	-0.2	-1	-10	-5	37	9	-10	10	-5	
C-221	1200	-75	4	-0.5	0.02	0.37	1.47	0.05	11	11.8	75.8	27	5.8	8.7	2.5	-1	-0.2	-1	-10	-5	62	10.3	-10	9	-5	
C-222	1200	-100	2	-0.5	0.01	1.48	2.68	0.04	16	30.1	119	75	8.9	2.4	2	2	-0.2	-1	-10	-5	85	4.3	-10	14	-5	
C-223	1100	-100	6	-0.5	0.03	0.66	1.23	0.09	20	152	225	19	20.7	106	3.5	-1	-0.2	-1	-10	-5	246	97.4	-10	12	-5	
C-224	1100	-25	4	-0.5	0.02	1.04	2.52	0.04	17	13.2	663	-3	7.8	2.6	1.8	-1	-0.2	-1	-10	-5	85	5.1	-10	14	-5	
C-225	1100	0	2	0.6	0.02	1.1	3.06	0.06	14	14.8	275	14	11.7	8.3	2.9	-1	0.3	-1	-10	-5	135	11.9	-10	21	-5	
C-226	1100	25	-1	-0.5	0.02	0.63	2.08	0.06	14	13.2	458	16	7.2	5.1	2.3	1	0.3	-1	-10	-5	87	8.4	-10	33	216	
C-227	1100	50	-1	-0.5	0.01	0.42	1.74	0.03	10	13.4	500	9	8.6	2.5	2.4	1	-0.2	-1	-10	-5	171	6	-10	19	-5	
C-228	1100	75	-1	-0.5	0.01	0.45	1.88	0.06	17	43.8	708	18	7.3	9.1	2.9	-1	-0.2	-1	-10	-5	57	14.6	-10	31	-5	
C-229	1100	100	-1	0.6	0.01	0.65	2.84	0.06	16	16.2	283	21	5.2	6.4	3.4	-1	-0.2	-1	-10	-5	46	12.3	-10	24	-5	
C-230	1100	200	4	-0.5	0.02	0.44	1.29	0.07	10	8.2	230	10	9.7	7.6	2.4	-1	-0.2	-1	-10	-5	60	11.8	-10	8	-5	
C-231	1100	225	2	-0.5	0.01	1.91	2.37	0.05	14	27.5	114	30	11.5	7.4	2.7	2	-0.2	-1	-10	-5	59	20.1	-10	23	-5	
C-232	1100	250	1	-0.5	0.02	0.55	1.45	0.1	12	13.7	64.6	6	9.1	8.4	2	-1	-0.2	-1	-10	-5	43	13.3	-10	12	-5	
C-233	1100	275	-1	-0.5	0.02	0.5	1.52	0.08	11	8.6	57.2	16	6.3	8.8	2.8	-1	-0.2	-1	-10	-5	40	14.1	-10	10	-5	
C-234	1100	300	-1	0.7	0.07	2.67	4.7	0.05	19	10	60.3	104	52.9	11.1	3.5	-1	-0.2	-1	-10	-5	53	13.2	-10	17	-5	
C-235	1000	275	1	-0.5	0.02	2.06	2.65	0.11	12	15.1	215	79	9.8	24.6	6.2	1	-0.2	-1	-10	-5	114	20.3	-10	38	235	
C-236	1000	250	1	-0.5	0.01	1.01	2.69	0.07	18	34.9	153	23	7.1	5.5	2.4	-1	-0.2	-1	-10	-5	52	8	-10	9	-5	
C-237	1000	225	-1	-0.5	0.01	1.05	3.24	0.16	15	42.4	108	-3	6.4	11.9	3	-1	-0.2	-1	-10	-5	85	12.2	-10	11	-5	
C-238	1000	200	-1	-0.5	0.02	1.07	2.88	0.09	25	53.8	123	12	6.4	11.6	2.4	1	-0.2	-1	-10	-5	52	13.1	-10	12	-5	
C-239	1000	175	-1	0.6	0.02	0.88	1.77	0.09	19	21	83.9	37	14	22.8	4	-1	-0.2	-1	-10	-5	146	33.1	-10	16	-5	
C-240	1000	150	-1	-0.5	0.18	1.32	3.4	0.08	18	29.2	240	27	80	10.9	2.5	-1	-0.2	-1	-10	-5	208	6.6	-10	16	-5	
C-241	1000	0	-1	0.6	0.02	1.23	2.5	0.04	20	19.4	102	245	10.8	8.2	4.3	-1	0.8	-1	-10	-5	91	9.5	-10	31	-5	
C-242	1000	-100	-1	-0.5	0.02	0.91	1.85	0.06	18	14.6	377	27	13.3	7.9	2.7	-1	-0.2	-1	-10	-5	153	12.2	-10	21	-5	
C-243	900	-100	-1	-0.5	0.02	0.53	0.86	0.02	5	5.5	38.9	22	6.3	0.6	1.1	-1	-0.2	-1	-10	-5	58	2.6	-10	9	-5	
C-244	900	-75	-1	0.6	0.01	1.1	3.38	0.04	22	20.5	154	120	4.4	3.7	3.2	2	-0.2	-1	-10	-5	89	23.9	-10	55	245	
C-245	900	-50	2	-0.5	0.02	0.56	1.51	0.03	16	32.9	242	95	6.9	18.7	4.1	-1	0.9	-1	-10	-5	55	8.5	-10	14	-5	
C-246	900	125	1	-0.5	0.02	0.33	1.04	0.02	7	8.6	55.1	11	4.9	4.7	2.1	-1	-0.2	-1	-10	-5	46	6.5	-10	9	-5	
C-247	900	150	-1	-0.5	0.02	0.58	1.5	0.08	15	16.5	105	43	13.6	9.5	2.7	2	-0.2	-1	-10	-5	68	14.5	-10	23	-5	
C-248	900	175	4	-0.5	0.02	1.03	2.41	0.16	10	40.8	90.1	20	8.8	13.1	2.1	-1	-0.2	-1	-10	-5	101	13.2	-10	11	-5	
C-249	900	200	-1	-0.5	0.02	1.18	2.6	0.17	36	56	94.4	-3	7.5	9.9	2.2	-1	-0.2	-1	-10	-5	69	9.6	-10	9	-5	
C-250	900	225	-1	-0.5	0.01	0.76	2.15	0.09	12	17.8	96.3	9	6.3	3.5	2.2	-1	-0.2	-1	-10	-5	38	7.7	-10	14	-5	
C-251	900	250	2	0.6	0.01	1.2	2.82	0.08	29	45.7	251	81	22.8	24.5	4.4	-1	-0.2	-1	-10	-5	140	27.1	-10	70	251	
C-252	900	275	4	0.6	0.05	1.43	2.94	0.11	15	10.7	52.2	61	12.1	11.8	3.3	1	-0.2	-1	-10	-5	125	30.3	-10	38	252	
C-253	900	300	3	0.6	0.02	0.58	1.91	0.03	23	60.5	153	781	18.1	14.3	3.8	1	-0.2	-1	-10	-5	80	15.8	-10	12	-5	
C-254	800	325	5	-0.5	0.03	2.21	3.94	0.16	20	22	88.3	105	17.8	26.7	3.5	-1	-0.2	-1	-10	-5	133	18.1	-10	20	-5	
C-255	800	275	6	0.5	0.03	0.93	1.91	0.09	25	61.4	206	86	74.2	17	3.4	-1	0.9	-1	-10	-5	123	30.8	-10	15	-5	
C-256	800	250	-1	0.5	0.02	4.41	3.59	0.11	27	52.6	97.3	87	13	20.9	3.6	-1	-0.2	-1	-10	-5	193	16.4	-10	27	-5	
C-257	800	225	1	0.6	0.02	0.84	2.62	0.08	14	23.3	89.2	22	7.9	5.7	2.4	-1	-0.2	-1	-10	-5	79	25.8	-10	38	257	
C-258	800	200	-1	-0.5	0.01	0.96	2.85	0.07	14	13.4	91.4	-3	8.1	7.9	2.8	1	-0.2	-1	-10	-5	55	8.3	-10	11	-5	
C-259	800	175	-1	-0.5	0.01	0.94	2.8	0.12	19	30.5	75.5	25	7.1	10.4	3.5	-1	-0.2	-1	-10	-5	102	8.3	-10	11	-5	
C-260	800	150	1	0.5	0.02	0.8	1.81	0.09	47	117	240	146	18.8	56.3	3.1	-1	-0.2	-1	-10	-5	81	16.9	-10	12	-5	
C-261	800	125	6	-0.5	0.03	1.01	2.6	0.05	18	10.6	324	24	13.9	7.4	3.3	-1	-0.2	-1	-10	-5	178	39.8	-10	15	-5	
C-262	800	-25	-1	0.5	0.02	0.83	2.1	0.08	22	41.4	187	105	8.2	10.5	3.9	-1	-0.2	-1	-10	-5	127	13.3	-10	13	-5	
C-263	800	-50	-1	0.6	-0.01	3.79	3.36	0.07	21	63.9	145	91	11.4	14.4	3.6	-1	-0.2	-1	-10	-5	199	12.1	-10	16	-5	
C-264	800	-75	7	0.6	0.02	1.05	2.3	0.08	20	26.4	245	298	169	11.8	2											

TILL GEOCHEMISTRY PROGRAM

SAMPLE RESULTS
(ICAP)

E-MINERALS EXPL. CORP.

Sample ID	Depth	Element	Value
126537	-200	Au	825
126538	-200	Au	850
126539	-200	Au	875
126540	-200	Au	900
126541	-200	Au	925
126542	-200	Au	950
126543	-200	Au	975
126544	-200	Au	1000
126545	-200	Au	1025
126546	-400	Au	450
126547	-400	Au	425
126548	-400	Au	400
126549	-400	Au	375
126550	-400	Au	350
126551	-400	Au	325
126552	-400	Au	300
126553	-400	Au	275
126554	-400	Au	250
126555	-400	Au	225
126556	-400	Au	200
126557	-400	Au	175
126558	-400	Au	150
126559	-400	Au	125
126560	-400	Au	100
126561	-400	Au	75
126562	-400	Au	50
126563	-400	Au	25
126564	-400	Au	0
126565	-400	Au	-25
126566	-400	Au	-50
126567	-400	Au	-75
126568	-500	Au	-100
126569	-500	Au	-75
126570	-500	Au	-50
126571	-500	Au	-25
126572	-500	Au	0
126573	-500	Au	25
126574	-500	Au	50
126575	-500	Au	75
126576	-500	Au	100
126577	-500	Au	125
126578	-500	Au	150
126579	-500	Au	175
126580	-500	Au	200
126581	-500	Au	225
126582	-500	Au	250
126583	-500	Au	275
126584	-500	Au	300
126585	-500	Au	325
126586	-500	Au	350
126587	-500	Au	375
126588	-500	Au	400
126589	-500	Au	425
126590	-500	Au	450
126591	-600	Au	450
126592	-600	Au	425
126593	-600	Au	400
126594	-600	Au	375
126595	-600	Au	350
126596	-600	Au	300
126597	-600	Au	275
126598	-600	Au	250
126599	-600	Au	225
126600	-600	Au	200
126601	-600	Au	175
126602	-600	Au	150
126603	-600	Au	100
126604	-600	Au	75
126605	-600	Au	50
126606	-600	Au	25
126607	-600	Au	0
126608	-600	Au	-25
126609	-600	Au	-50
126610	-600	Au	-75
126611	-600	Au	-100
126612	-600	Au	-125
126613	-700	Au	-75
126614	-700	Au	-50

Sample ID	Depth	Element	Value
126537	-200	Cu	11.4
126538	-200	Cu	30.2
126539	-200	Cu	44.1
126540	-200	Cu	46.5
126541	-200	Cu	48.9
126542	-200	Cu	51.3
126543	-200	Cu	53.7
126544	-200	Cu	56.1
126545	-200	Cu	58.5
126546	-400	Cu	6.8
126547	-400	Cu	11.1
126548	-400	Cu	15.4
126549	-400	Cu	19.7
126550	-400	Cu	24.0
126551	-400	Cu	28.3
126552	-400	Cu	32.6
126553	-400	Cu	36.9
126554	-400	Cu	41.2
126555	-400	Cu	45.5
126556	-400	Cu	49.8
126557	-400	Cu	54.1
126558	-400	Cu	58.4
126559	-400	Cu	62.7
126560	-400	Cu	67.0
126561	-400	Cu	71.3
126562	-400	Cu	75.6
126563	-400	Cu	80.0
126564	-400	Cu	84.3
126565	-400	Cu	88.7
126566	-400	Cu	93.0
126567	-400	Cu	97.4
126568	-500	Cu	10.1
126569	-500	Cu	3.8
126570	-500	Cu	1.9
126571	-500	Cu	0.1
126572	-500	Cu	-0.2
126573	-500	Cu	-0.4
126574	-500	Cu	-0.6
126575	-500	Cu	-0.8
126576	-500	Cu	-1.0
126577	-500	Cu	-1.2
126578	-500	Cu	-1.4
126579	-500	Cu	-1.6
126580	-500	Cu	-1.8
126581	-500	Cu	-2.0
126582	-500	Cu	-2.2
126583	-500	Cu	-2.4
126584	-500	Cu	-2.6
126585	-500	Cu	-2.8
126586	-500	Cu	-3.0
126587	-500	Cu	-3.2
126588	-500	Cu	-3.4
126589	-500	Cu	-3.6
126590	-500	Cu	-3.8
126591	-600	Cu	-4.0
126592	-600	Cu	-4.2
126593	-600	Cu	-4.4
126594	-600	Cu	-4.6
126595	-600	Cu	-4.8
126596	-600	Cu	-5.0
126597	-600	Cu	-5.2
126598	-600	Cu	-5.4
126599	-600	Cu	-5.6
126600	-600	Cu	-5.8
126601	-600	Cu	-6.0
126602	-600	Cu	-6.2
126603	-600	Cu	-6.4
126604	-600	Cu	-6.6
126605	-600	Cu	-6.8
126606	-600	Cu	-7.0
126607	-600	Cu	-7.2
126608	-600	Cu	-7.4
126609	-600	Cu	-7.6
126610	-600	Cu	-7.8
126611	-600	Cu	-8.0
126612	-600	Cu	-8.2
126613	-700	Cu	-8.4
126614	-700	Cu	-8.6

TILL GEOCHEMISTRY PROGRAM

SAMPLE RESULTS (ICAP)

E-MINERALS EXPL. CORP.

126615	-700	-25	3				
126616	-700	0	-1				
126617	-700	25	-1				
126618	-700	50	-1				
126619	-700	250	-1				
126620	-700	275	-1				
126621	-700	300	3				
126622	-700	325	3				
126623	-700	350	2				
126624	-700	375	4				
126625	-700	400	2				
126626	-700	425	5				
126627	-700	450	3				
126628	-800	475	-1				
126629	-800	450	1				
126630	-800	425	4				
126631	-800	400	2				
126632	-800	375	-1				
126633	-800	350	3				
126634	-800	300	2				
126635	-800	275	2				
126636	-800	250	5				
126637	-800	225	8				
126638	-800	200	3				
126639	-800	175	2				
126640	-800	150	2				
126641	-800	125	14				
126642	-800	100	2				
126643	-800	75	2				
126644	-800	50	3				
126645	-800	25	4				
126646	-800	0	5				
126647	-800	-25	3				
126648	-800	-50	4				
126649	-800	-75	6				
126650	-800	-100	5				
126651	-800	-125	1				
126652	-800	-150	-1				
126653	-800	-175	-1				
126654	-1900	25	-1				
126655	-1900	50	-1				
126656	-1900	100	2				
126657	-1900	125	-1				
126658	-1900	150	-1				
126659	-1900	175	-1				
126660	-1900	200	-1				
126661	-1900	225	-1				
126662	-1900	250	-1				
126663	-1900	275	-1				
126664	-1900	300	-1				
126665	-1900	325	-1				
126666	-1900	350	5				
126667	-1900	375	3				
126668	-1900	400	1				
126669	-1900	400	2				
126670	-1900	375	3				
126671	-1800	350	3				
126672	-1800	325	4				
126673	-1800	300	-1				
126674	-1800	275	3				
126675	-1800	250	2				
126676	-1800	225	1				
126677	-1800	150	1				
126678	-1800	125	1				
126679	-1800	100	2				
126680	-1800	75	7				
126681	-1800	50	2				
126682	-1800	25	7				
126683	-1800	0	2				
126684	-1700	0	6				
126685	-1700	25	2				
126686	-1700	50	2				
126687	-1700	75	-1				
126688	-1700	100	1				
126689	-1700	125	-1				

TILL GEOCHEMISTRY PROGRAM

SAMPLE RESULTS (ICAP)

Sample ID	Depth	Grain Size	Moisture	Loss on Ignition	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	SO ₄	CO ₂	Organic C	Total C	Total N	As	Pb	Cd	Hg	Cr	Mn	Zn	Cu	Mo	Az
126688	-1700	100	1																					
126689	-1700	125	-1																					
126690	-1700	150	2																					
126691	-1700	175	-1																					
126692	-1700	225	1																					
126693	-1700	250	2																					
126694	-1700	275	-1																					
126695	-1700	300	1																					
126696	-1700	325	-1																					
126697	-1800	400	10																					
126698	-1800	375	4																					
126699	-1800	350	3																					
126700	-1800	325	1																					
126701	-1800	300	1																					
126702	-1600	275	1																					
126703	-1600	125	4																					
126704	-1600	100	1																					
126705	-1800	75	-1																					
126706	-1800	50	2																					
126707	-1600	25	4																					
126708	-1600	0	5																					
126709	1500	0	-1	0.6	0.01	1.15	3.07	0.05																
126710	-1500	25	-1	-0.5	0.01	1.29	2.75	0.03																
126711	-1500	50	-1	0.6	0.01	1.23	3.27	0.04																
126712	-1500	225	-1	-0.5	0.02	0.59	2.73	0.03																
126713	-1500	250	-1	-0.5	0.02	0.7	1.43	0.05																
126714	-1500	275	-1	0.7	0.01	1.03	3.22	0.05																
126715	-1500	300	1	-0.5	0.02	0.12	0.63	0.04																
126716	-1500	325	-1	-0.5	0.02	0.74	1.67	0.07																
126717	-1500	350	-1	-0.5	0.02	0.31	1.38	0.04																
126718	-1500	375	1	0.5	0.02	0.3	3.14	0.1																
126719	-1400	400	3	-0.5	0.02	0.41	1.55	0.07																
126720	-1400	375	-1	-0.5	0.02	0.4	1.33	0.09																
126721	-1400	350	-1	-0.5	0.02	1.01	1.49	0.1																
126722	-1400	325	-1	-0.5	0.02	0.58	2.45	0.07																
126723	-1400	300	-1	-0.5	0.02	0.61	2.34	0.23																
126724	-1400	275	-1	0.6	0.01	1.04	2.88	0.08																
126725	-1400	250	-1	-0.5	0.02	1.24	2.58	0.05																
126726	-1400	225	-1	-0.5	0.02	0.5	1.66	0.03																
126727	-1300	0	-1	-0.5	0.02	1.48	2.21	0.04																
126728	-1300	25	-1	-0.5	0.01	1.54	2.76	0.04																
126729	-1300	50	-1	-0.5	0.02	1.98	3.13	0.05																
126730	-1300	75	-1	0.6	0.02	3.07	3.53	0.18																
126731	-1300	200	-1	0.5	0.02	0.78	2.32	0.05																
126732	-1300	225	-1	-0.5	0.02	0.62	1.42	0.06																
126733	-1300	250	-1	-0.5	0.02	1.3	2.61	0.08																
126734	-1300	275	-1	-0.5	0.02	0.55	1.9	0.08																
126735	-1300	300	-1	-0.5	0.01	0.71	2.27	0.05																
126736	-1300	325	3	0.5	0.02	0.98	2.64	0.1																
126737	-1300	350	2	-0.5	0.02	0.43	0.83	0.12																
126738	-1300	375	1	-0.5	0.02	1.08	2.53	0.06																
126739	-1200	0	2	-0.5	0.02	0.39	1.15	0.1																
126740	-1200	25	2	-0.5	0.02	0.76	1.92	0.07																
126741	-1200	50	4	-0.5	0.02	0.65	1.48	0.06																
126742	-1200	75	5	0.5	0.02	0.9	2.07	0.08																
126743	-1200	100	6	-0.5	-0.01	1.69	2.26	0.19																
126744	-1200	125	9	0.6	0.01	1.24	2.82	0.03																
126745	-1200	150	4	0.6	0.01	0.5	2.22	0.04																
126746	-1200	175	4	-0.5	0.02	0.06	0.39	0.02																
126747	-1200	200	7	-0.5	0.02	0.74	2.11	0.09																
126748	-1200	225	3	-0.5	0.02	0.75	2.14	0.05																
126749	-1200	250	4	-0.5	0.02	0.55	1.66	0.08																
126750	-1200	275	10	0.5	0.02	1.11	3.2	0.24																
126751	-1200	300	10	0.5	0.02	0.8	2.79	0.09																
126752	-1200	325	16	-0.5	0.02	0.85	2.43	0.11																
126753	-1200	350	6	-0.5	0.02	1.05	2.34	0.07																
126754	-1200	375	3	-0.5	0.02	0.81	1.91	0.02																
126755	-1100	-25	5	-0.5	0.02	0.46	1.44	0.09																
126756	-1100	0	2	-0.5	0.02	1.42	2.99	0.04																
126757	-1100	25	4	-0.5	0.02	1.15	2.28	0.08																
126758	-1100	50	2	-0.5	0.02	1.55	2.84	0.06																
126759	-1100	75	4	-0.5	0.01	3.8	3.89	0.07																
126760	-1100	100	4	-0.5	0.01	1.7	2.9	0.07																
126761	-1100	125	8	-0.5	0.02	1.78	3.08	0.08																
126762	-1100	150	5	-0.5	0.02	0.92	2.31	0.05																

Sample ID	Depth	Grain Size	Moisture	Loss on Ignition	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	SO ₄	CO ₂	Organic C	Total C	Total N	As	Pb	Cd	Hg	Cr	Mn	Zn	Cu	Mo	Az	
126710	-1500	25	-1	-0.5	0.01	1.29	2.75	0.03	13	10.8	128	-3	7.8	5.4	2.8	-1	-0.2	-1	-10	-5	88	13.2	-10	11	-5
126711	-1500	50	-1	0.6	0.01	1.23	3.27	0.04	12	10.1	81.5	-3	3.1	1.9	2.5	-1	-0.2	-1	-10	-5	51	5.5	-10	25	-5
126712	-1500	225	-1	-0.5	0.02	0.59	2.73	0.03	12	8.8	189	-3	4.2	1.9	3.3	-1	-0.2	-1	-10	-5	51	5.5	-10	25	-5
126713	-1500	250	-1	-0.5	0.02	0.7	1.43	0.05	12	3	53	-3	23.3	18.3	3.3	-1	-0.2	-1	-10	-5	51	5.5	-10	25	-5
126714	-1500	275	-1	0.7	0.01	1.03	3.22	0.05	12	12.6	31.7	17	9.3	11.5	5.7	2	-0.2	-1	-10	-5	273	22.4	-10	9	-5
126715	-1500	300	1	-0.5	0.02	0.12	0.63	0.04	13	9.7	117	6	23.5	8.1	4.3	-1	-0.2	-1	-10	-5					

TILL GEOCHEMISTRY PROGRAM

SAMPLE RESULTS (ICAP)

E-MINERALS EXPL. CORP. *FB*

Sample ID	Depth (m)	Depth (ft)	Depth (m)	Ca	Zn	ICAP	Depth (m)	Depth (ft)
126977	1000	875	3	13.2	68.5	-0.2		
126980	1000	900	-1	18.9	301	-0.2		
126981	1000	925	-1	6.9	223	-0.2		
126982	1000	950	5	10.9	40	-0.2		
126983	1100	700	3	46.7	166	-0.2		
126984	-1900	1225	4	28.7	108	0.5		
126985	-1900	1250	-1	52.4	90.3	-0.2		
126986	-1900	1275	3	11.8	149	-0.2		
126987	-1900	1300	3	37.6	197	-0.2		
126988	-1900	1325	3	23.2	50.1	-0.2		
126989	-1900	1350	5	12.5	122	-0.2		
126990	-1900	1375	2	16	123	-0.2		
126991	-1900	1400	3	63.2	216	-0.2		
126992	-1900	1425	1	62.9	348	-0.2		
126993	-1900	1450	-1	28.3	49.5	-0.2		
126994	-1900	1475	2	30.4	357	-0.2		
126995	-1900	1500	2	31.3	101	-0.2		
126996	-1900	1525	2	14	219	0.4		
126997	-1900	1550	-1	14.1	61.7	-0.2		
126998	-1900	1575	-1	18.8	257	0.5		
126999	-1900	1700	1	35.8	104	-0.2		
127000	-1900	1725	3	21.3	439	0.5		
58001	-1900	1750	1	12.9	39.2	-0.2		
58002	-1900	1775	1	13.7	218	-0.2		
58003	-1900	1800	2	26.8	173	-0.2		
58004	-1900	1825	1	12.9	300	-0.2		
58005	-1900	1850	3	13.1	41.7	-0.2		
58006	-1900	1875	1150	261	346	4.1		
58007	-1900	1900	9	13.1	104	-0.2		
58008	-1900	1925	7	26.8	195	0.7		
58009	-1900	1950	4	25.6	125	0.3		
58010	-1900	1975	3	13.7	98.5	-0.2		
58011	-1800	2000	1	21.7	92.5	-0.2		
58012	-1800	1975	1	25.8	88.5	-0.2		
58013	-1800	1950	1	7.4	67.4	-0.2		
58014	-1800	1925	1	17.8	37.3	-0.2		
58015	-1800	1900	3	26.2	124	-0.2		
58016	-1800	1875	3	25	101	-0.2		
58017	-1800	1850	14	26.1	53.2	-0.2		
58018	-1800	1825	4	17.7	117	-0.2		
58019	-1800	1800	1	12.7	321	0.4		
58020	-1800	1775	4	15.5	260	0.2		
58021	-1800	1750	2	9.6	73.9	0.4		
58022	-1800	1725	7	36.2	60.6	-0.2		
58023	-1800	1700	2	16	72.6	-0.2		
58024	-1800	1675	4	7.2	67.8	-0.2		
58025	-1800	1500	2	66.4	104	0.2		
58026	-1800	1475	1	19.5	45.3	-0.2		
58027	-1800	1450	2	7.9	27	-0.2		
58028	-1800	1425	2	25.8	58	-0.2		
58029	-1800	1400	1	13.5	120	-0.2		
58030	-1800	1375	12	18.1	255	-0.2		
58031	-1800	1350	1	26.5	80.5	-0.2		
58032	-1800	1325	1	12.2	73.3	-0.2		
58033	-1800	1300	2	16.7	98.1	-0.2		
58034	-1800	1275	3	21.9	132	-0.2		
58035	-1800	1250	5	13.4	130	0.3		
58036	-1800	1225	3	32.8	215	0.4		
58037	-1800	1200	8	31.3	274	0.3		
58038	-1700	1200	2	14.7	232	-0.2		
58039	-1700	1225	1	157	217	-0.2		
58040	-1700	1250	1	16	277	-0.2		
58041	-1700	1275	2	5.1	280	0.2		
58042	-1700	1300	3	72.4	349	-0.2		
58043	-1700	1325	1	6.5	118	0.3		
58044	-1700	1350	3	38.8	195	-0.2		
58045	-1700	1375	1	46.8	183	-0.2		
58046	-1700	1575	1	15.8	113	-0.2		
58047	-1700	1600	1	15.9	73.2	-0.2		
58048	-1700	1625	1	11.9	78	-0.2		
58049	-1700	1650	6	42.8	230	-0.2		
58050	-1700	1675	3	16.1	73.4	-0.2		
58051	-1700	1700	3	32.6	70.9	-0.2		
58052	-1700	1725	3	2.5	73.5	-0.2		
58053	-1700	1750	5	32.6	94.1	-0.2		
58054	-1700	1775	4	19.9	210	0.5		
58055	-1700	1800	1	19.4	103	-0.2		
58056	-1700	1875	1	17.7	61.6	-0.2		
58057	-1700	1900	1			-0.2		

Au
TILL GEOCHEMISTRY PROGRAM

SAMPLE RESULTS
Cu Zn (ICAP)

Ag Pb
E-MINERALS EXPL. CORP.

Sample ID	Depth 1	Depth 2	Depth 3	Cu	Zn (ICAP)	Ag	Pb
58055	-1700	1800	1	19.9	210	0.5	
58056	-1700	1875	1	19.4	103	-0.2	
58057	-1700	1900	1	17.7	61.8	-0.2	
58058	-1700	1925	1	10.3	122	-0.2	
58059	-1700	1950	1	9.4	58.3	-0.2	
58060	-1700	1975	3	14.1	87.8	-0.2	
58061	-1700	2000	1	9	73	-0.2	
58062	-1600	1975	6	12.4	503	0.5	
58063	-1600	1925	1	3.2	365	-0.2	
58064	-1600	1900	1	15	81.1	-0.2	
58065	-1600	1875	1	20.8	63.7	-0.2	
58066	-1600	1850	2	2.4	89.6	-0.2	
58067	-1600	1825	1	8	68.8	-0.2	
58068	-1600	1800	7	7.4	25.4	-0.2	
58069	-1600	1750	1	85.9	56.3	-0.2	
58070	-1600	1725	1	4.7	92.1	-0.2	
58071	-1600	1700	1	25.5	103	-0.2	
58072	-1600	1675	1	23.8	68.5	-0.2	
58073	-1600	1650	1	25.5	85.5	0.4	
58074	-1600	1625	1	18.8	91.4	0.3	
58075	-1600	1600	1	47.7	113	-0.2	
58076	-1600	1575	5	27.9	74.2	-0.2	
58077	-1600	1425	1	42.2	141	0.4	
58078	-1600	1400	1	35.4	188	-0.2	
58079	-1600	1375	2	26.6	188	-0.2	
58080	-1600	1350	1	44.2	135	-0.2	
58081	-1600	1325	9	8.4	135	0.2	
58082	-1600	1300	1	46.1	717	0.4	
58083	-1600	1275	2	30	95.6	-0.2	
58084	-1600	1250	1	19.3	88.7	-0.2	
58085	-1600	1225	1	23.4	72.5	0.5	
58086	-1600	1200	1	8	239	0.7	
58151				27.1	178	-0.2	
58152							
58153							
58154							
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58157							
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58188							

Sample No.	Location	Type	Sample No.	Location	Type	Sample No.	Location	Type
C 001-	(44,541,--,--,--,--)		C037	L2E @15+50N	Soil	C073	L1W @12+50N	Soil
C 002	L4E @13+25N	Soil	C038	L1E @15+50N	Soil	C074 -	(--,--,--,--,364,--)	
C 003	L4E @13+50N	Soil	C039	L1E @15+25N	Soil	C075 -	(115,161,--,--,--,--)	
C 004	L4E @13+75N	Soil	C040	L1E @15+00N	Soil	C076 -	(69,548,--,--,--,124,--)	
C 005 -	(--,201,--,--,--,--)		C041	L1E @14+75N	Soil	C077 -	(80,739,2.8,--,52.7,57,--)	
C 006	L4E @14+25N	Soil	C042 -	(38,258,--,--,--,--)		C078	L2W @12+75N	Soil
C 007 -	(--,241,--,--,50.2,--,--)		C043	L1E @14+25N	Soil	C079 -	(--,298,--,--,--,--)	
C 008	L4E @14+75N	Soil	C044 -	(--,--,--,--,122,112,--)		C080 -	(--,232,--,--,--,--)	
C 009	L4E @15+00N	Soil	C045	L1E @13+75N	Soil	C081 -	(--,168,--,--,--,76,--)	
C 010 -	(--,--,--,--,55,--,--)		C046 -	(25,180,--,--,--,--)		C082 -	(--,130,--,--,--,--)	
C 011	L4E @15+50N	Soil	C047 -	(--,235,--,--,--,--)		C083 -	(--,--,--,--,185,--)	
C 012	L4E @15+75N	Soil	C048 -	(--,134,--,--,53.2,--,--)		C084 -	(--,264,--, 8,60.6,--,--)	
C 013 -	(--,252,--,--,--,--)		C049 -	(--,171,--,--,119,--)		C085 -	(--,--,--,--,70.8,--,--)	
C 014	L3E @15+25N	Soil	C050	L0+00 @12+50N	Soil	C086	L2W @14+75N	Soil
C 015	L3E @15+00N	Soil	C051 -	(31,184,--,--,--,--)		C087	L2W @15+00N	Soil
C 016	L3E @14+75N	Soil	C052	L0+00 @13+00N	Soil	C088	L2W @15+25N	Soil
C 017	L3E @14+50N	Soil	C053 -	(--,163,--,--,--,--)		C089 -	(--,--,--,--,51.2,--,--)	
C 018	L3E @14+25N	Soil	C054	L0+00 @13+50N	Soil	C090	L3W @15+00N	Soil
C 019	L3E @14+00N	Soil	C055	L0+00 @13+75N	Soil	C091	L3W @14+75N	Soil
C 020	L3E @13+75N	Soil	C056 -	(--,187,--,--,156,--)		C092	L3W @14+50N	Soil
C 021 -	(65,164,--,--,189,--)		C057	L0+00 @14+25N	Soil	C093	L3W @14+25N	Soil
C 022 -	(34,197,--,--,65,--)		C058	L0+00 @14+50N	Soil	C094	L3W @14+00N	Soil
C 023	L3E @13+00N	Soil	C059	L0+00 @14+75N	Soil	C095 -	(--,--,--,--,47.0,--,--)	
C 024 -	(34,520,--,--,295,--)		C060	L0+00 @15+00N	Soil	C096	L3W @13+50N	Soil
C 025 -	(77,367,--,--,79,--)		C061	L0+00 @15+25N	Soil	C097 -	(--,199,--,--,--,--)	
C 026 -	(76,283 ,1.5,--,62,99,--)		C062	L1W @15+25N	Soil	C098	L3W @13+00N	Soil
C 027 -	(--,178,--,--,152,--)		C063 -	(--,187,--,--,--,--)		C099 -	(33,397,--,--,--,--)	
C 028 -	(--,214,--,--,--,--)		C064	L1W @14+75N	Soil	C100	L3W @12+50N	Soil
C 029 -	(35,547,--,--,--,--)		C065	L1W @14+50N	Soil	C101 -	(--,--,--,--,173,--)	
C 030 -	(--,119,--,--,--,--)		C066	L1W @14+25N	Soil	C102 -	(86,349,--,--,81, 4)	
C 031 -	(--,178,--,--,134,--)		C067	L1W @14+00N	Soil	C103	L3W @11+75N	Soil
C 032 -	(44,191,--,--,60,--)		C068	L1W @13+75N	Soil	C104 -	(124,297,--,--,243,--)	
C 033	L2E @14+50N	Soil	C069 -	(44,411,--,--,49,--)		C105 -	(--,--,9,60.2,355,--)	
C 034	L2E @14+75N	Soil	C070 -	(--,219,--,--,68,--)		C106 -	(61,--,1.4,--,--,--)	
C 035 -	(--,159,--,--,--,--)		C071 -	(--,170,--,--,--,--)		C107 -	(49,264,--, --,--, 5)	
C 036	L2E @15+25N	Soil	C072 -	(--,228,--,--,--,--)		C108 -	(--,149,--,--,--,--)	

<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Sample No.</u>	<u>Location</u>	<u>Type</u>
C109	(30,--,--,10,50.3,218,--)		C145	(--,151,--,--,--,--)		C181	L14E @0+25	Soil
C110	(--,147,--,--,--,--)		C146	(--,220,--, 9,80.4,265,--)		C182	L14E @BL+00	Soil
C111	L4W @12+75N	Soil	C147	L6W @13+75N	Soil	C183	L14E @0+25S	Soil
C112	L4W @13+00N	Soil	C148	L6W @14+00N	Soil	C184	L14E @0+50S	Soil
C113	(--,--,--,--,64,--)		C149	(--,--,--,69.0,--,--)		C185	L14E @0+75S	Soil
C114	(--,148,--,--,50.6,--,--)		C150	L6W @14+50N	Soil	C186	L14E @1+00S	Soil
C115	(--,--,--,55.1,--,--)		C151	(--,164,--,--,--,--)		C187	L13E @1+00S	Soil
C116	(--,169,--,--,55.6,--,--)		C152	(--,168,--,--,--,--)		C188	L13E @0+75S	Soil
C117	L4W @14+25N	Soil	C153	(48,--,--,--,--,--)		C189	L13E @0+50S	Soil
C118	L4W @14+50N	Soil	C154	L7W @15+00N	Soil	C190	L13E @0+25S	Soil
C119	L4W @14+75N	Soil	C155	L7W @14+75N	Soil	C191	L13E @BL+00	Soil
C120	(--,159,--,--,--,--)		C156	L7W @14+50N	Soil	C192	L13E @0+25N	Soil
C121	(--,216,--,--,--,--)		C157	L7W @14+25N	Soil	C193	L13E @0+50N	Soil
C122	(43,229,--,--,--,--)		C158	L7W @14+00N	Soil	C194	L13E @0+75N	Soil
C123	(33,--,--,56.5,--,--)		C159	(--,153,--,--,--,--)		C195	(--,201,--,--,--,--)	
C124	L5W @14+50N	Soil	C160	(--,164,--,66.0,--,--)		C196	(--,150,--,--,--,--)	
C125	L5W @14+25N	Soil	C161	(--,--,--,46.9,--,--)		C197	(44,453,--,--,--,--)	
C126	L5W @14+00N	Soil	C162	(--,--,--,167,--)		C198	(--,141,--,--,--,--)	
C127	(--,--,8,--,--,--)		C163	(--,146,--,--,--,--)		C199	(119,745,--,--,175,--)	
C128	(--,146,--,--,--,--)		C164	(38,--,--,119,--)		C200	L13E @2+25N	Soil
C129	(--, 195,--,--,--,--)		C165	(66,369, 1,--,95, 6)		C201	L13E @2+50N	Soil
C130	(--,170,--,--,--,--)		C166	(--,145,--,61.5,--,--)		C202	L13E @2+75N	Soil
C131	(--,133,--,--,--,--)		C167	(--,152,--,--,--,--)		C203	L13E @3+00N	Soil
C132	(30,247,--,--,42,--)		C168	(--,156,--,--,--,--)		C204	(--,--,--,173,--)	
C133	(--,--,54,--)		C169	(--,241,--,50.8,--,--)		C205	(--,302,--,--,--,--)	
C134	(--,--,33,--)		C170	(--,--,203,--)		C206	L12E @3+00N	Soil
C135	(50,404,--,--,48,--)		C171	L7W @ 3+00N	Soil	C207	(--,198,--,--,--,--)	
C136	(--,171,--,45.2,--,--)		C172	L14E @ 2+25N	Soil	C208	(33 ,308,--,--,5)	
C137	(37,141,--,--,--,--)		C173	(--,259,--,238,--)		C209	L12E @2+25N	Soil
C138	(39,411,--,55.4,--,--)		C174	MISSING		C210	L12E @2+00N	Soil
C139	L6W @11+75N	Soil	C175	L14E @1+75N	Soil	C211	(36,158,--,--,--,--)	
C140	(--,262,--,--,--,--)		C176	L14E @1+50N	Soil	C212	L12E @1+50N	Soil
C141	(49,241,--,--,--,--)		C177	(--,154,--,--,--,--)		C213	(--,239,--, 9,--,--,--)	
C142	(--,259,--,--,--,--)		C178	L14E @1+00N	Soil	C214	(--,--,7,--,--,--)	
C143	L6W @12+75N	Soil	C179	L14E @0+75N	Soil	C215	(--,181,--,--,--,--)	
C144	L6W @13+00N	Soil	C180	L14E @0+50N	Soil	C216	L12E @0+50N	Soil

<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Sample No.</u>	<u>Location</u>	<u>Type</u>
C217	L12E @ 0+25N Soil		C253	L9E @ 3+00N Soil		C289	L6E @ 0+50N Soil	
C218	L12E @ BL+00 Soil		C254	- (--,153,--,60.5,781,--)		C290	- (70,300,--,--,--,--)	
C219	L12E @ 0+25S Soil		C255	L8E @ 2+75N Soil		C291	L6E @ BL+00 Soil	
C220	L12E @ 0+50S Soil		C256	- (--,206,--,0.9,61.4 ,86,--)		C292	L6E @ 0+25S Soil	
C221	L12E @ 0+75S Soil		C257	- (38,--,--,--,--,--)		C293	- (--,282,--,--,--,--)	
C222	L12E @ 1+00S Soil		C258	L8E @ 2+00N Soil		C294	- (60,1580,0.8,--,--,--,--)	
C223	- (--,265,--,152,75,--)		C259	L8E @ 1+75N Soil		C295	- (--,4390,--,10,--,--,--)	
C224	- (--,653,--,--,--,--)		C260	L8E @ 1+50N Soil		C296	- (--,215,--,--,--,--)	
C225	- (--,483,--,--,--,--)		C261	- (--,3440,--,117,146,--)		C297	- (--,155,--,--,58,--)	
C226	- (33,458,--,--,--,--)		C262	- (--,324,--,--,--,--)		C298	- (--,218,--,--,73,--)	
C227	- (--,500,--,--,--,--)		C263	- (--,324,--,--,105,--)		C299	- (32,208,--,--,374,--)	
C228	- (--,709,--,--,--,--)		C264	- (30,187,--,--,105,--)		C300	- (60,1420,--,--,--,--)	
C229	- (--,283,--,--,--,--)		C265	- (--,145,--,639,91,--)		C301	- (32 ,735,1.4,--,117,--)	
C230	L11E @ 2+00N Soil		C266	- (74,585,--, 4,--,298,--)		C302	- (48,476,--,127 ,--,73,--)	
C231	- (38,--,--,--,--,--)		C267	- (46,241,--,--,175,--)		C303	- (--,--,--,90.9,103,--)	
C232	L11E @ 2+50N Soil		C268	- (36 ,249,--,--,154,--)		C304	- (--,196,--,--,87,--)	
C233	L11E @ 2+75N Soil		C269	- (--,381,--,50.4,103,--)		C305	- (55,220,--,64.9,132,--)	
C234	- (--,--,--,104,--)		C270	- (--,222,--,--,--,--)		C306	- (--,--,--,46.9,133,--)	
C235	- (38,186,--,--,--,--)		C271	- (--,249,--,--,--,--)		C307	- (--,144,--,--,--,--)	
C236	L10E @ 2+50N Soil		C272	L7E @ 0+50N Soil		C308	- (--,--,--,53.1,159,--)	
C237	L10E @ 2+25N Soil		C273	- (--,530,--,--,--,--)		C309	L4E @ 1+00N Soil	
C238	- (--,--,--,53.8,--,--)		C274	L7E @ 1+25N Soil		C310	L4E @ 0+75N Soil	
C239	L10E @ 1+75N Soil		C275	L7E @ 1+75N Soil		C311	L4E @ 0+50N Soil	
C240	L10E @ 1+50N Soil		C276	- (34,--,--,63.8,--,--)		C312	L4E @ 0+25N Soil	
C241	- (31,202 ,--,--,245,--)		C277	- (--,--,--,52.4,--,--)		C313	L4E @ BL +00 Soil	
C242	- (--,377,--,--,--,--)		C278	- (--,--,--,93,--)		C314	L4E @ 0+25S Soil	
C243	L 9E @ 1+00S Soil		C279	- (--,--, 9,--,223,--)		C315	- (--,214,--,--, 41,--)	
C244	- (--,154,--,--,120,-)		C280	- (--,--,--,161,--)		C316	L4E @ 0+75S Soil	
C245	- (55,242,--,0.9,--,95,--)		C281	- (--,--,--,57.5,406,--)		C317	- (--,197,--,--,--,--)	
C246	L 9E @ 1+25N Soil		C282	- (214,1280,--,--,245,--)		C318	- (--,331,--,--,--,--)	
C247	L 9E @ 1+50N Soil		C283	- (--,--,--,387,--)		C319	- (--,--,--,49,--)	
C248	L 9E @ 1+75N Soil		C284	- (--,251,--,--,145,--)		C320	- (--,255,--,47.9,--,--)	
C249	- (--,--,--,56,--,--)		C285	- (--,319,--,--,82,--)		C321	L2E @ 1+00S Soil	
C250	L 9E @ 2+25N Soil		C286	L6E @ 1+25N Soil		C322	L2E @ 0+75S Soil	
C251	- (70,260,--,--,81,--)		C287	L6E @ 1+00N Soil		C323	- (--,220,--,--,100,--)	
C252	- (38,--,1.5,--,56.6,507,--)		C288	L6E @ 0+75N Soil		C324	- (35 ,274,--,33,64.6,--,--)	

Sample No.	Location	Type	Sample No.	Location	Type	Sample No.	Location	Type
	Pb,Zn,Ag,Au,Cu,Au,Mo							
C325	- (--,--,14 ,--,52,--)		C361	- (--,352,--,--,203,--)		C397	L 0+00 @ 9+25N	Soil
C326	L2E @ 0+25N	Soil	C363	L1E @ 1+75N	Soil	C398	L 0+00 @ 9+00N	Soil
C327	L2E @ 0+75N	Soil	C364	L1E @ 2+00N	Soil	C399	L 0+00 @ 8+75N	Soil
C328	L2E @ 1+00N	Soil	C365	L1E @ 2+25N	Soil	C400	- (--,--,17 ,--,50,--)	
C329	L2E @ 1+25N	Soil	C366	L1E @ 2+50N	Soil	C401	L 0+00 @ 8+25N	Soil
C330	- (30,380,--,--,135,--)		C367	L1E @ 2+75N	Soil	C402	L 0+00 @ 8+00N	Soil
C331	- (33,499,--,--,68,--)		C368	L1E @ 3+00N	Soil	C403	L 0+00 @ 7+75N	Soil
C332	- (22,339,--,--,--,--)		C369	L1E @ 3+25N	Soil	C404	- (--,151,--,--,--,--)	
C333	- (--,--,--,--,73,--)		C370	L1E @ 3+50N	Soil	C405	L 0+00 @ 7+25N	Soil
C334	L2E @ 2+50N	Soil	C371	L1E @ 4+50N	Soil	C406	L 0+00 @ 6+75N	Soil
C335	L2E @ 2+75N	Soil	C372	- (36,216 ,--,--,132,--)		C407	L 0+00 @ 6+50N	Soil
C336	L2E @ 3+00N	Soil	C373	L1E @ 5+00N	Soil	C408	L 0+00 @ 6+25N	Soil
C337	L2E @ 3+25N	Soil	C374	L1E @ 5+25N	Soil	C409	- (--,147,--,8,--,--,--)	
C338	L1E @ 5+00S	Soil	C375	L1E @ 6+00N	Soil	C410	L 0+00 @ 5+75N	Soil
C339	- (37,162,--,--,--,--)		C376	L1E @ 6+25N	Soil	C411	L 0+00 @ 5+50N	Soil
C340	- (46,176,--,--,--,--)		C377	L1E @ 6+75N	Soil	C412	- (--,--,--,--,95,--)	
C341	- (--,--,--,--,5)		C378	L1E @ 7+00N	Soil	C413	- (--,--,--,52.3,--,--)	
C342	- (--,149,--,--,--,4)		C379	L1E @ 7+25N	Soil	C414	L 0+00 @ 4+00N	Soil
C343	- (--,--,--,42,12)		C380	L1E @ 7+50N	Soil	C415	L 0+00 @ 3+75N	Soil
C344	L1E @ 3+50S	Soil	C381	- (--,151,--,--,--,--)		C416	L 0+00 @ 3+50N	Soil
C345	L1E @ 3+25S	Soil	C382	- (--,--,--,49,--)		C417	L 0+00 @ 3+25N	Soil
C346	- (--,--,12,--,--,--)		C383	- (--,157,--,--,--,--)		C418	L 0+00 @ 3+00N	Soil
C347	L1E @ 2+75S	Soil	C384	- (--,157,--,--,--,--)		C419	L 0+00 @ 2+75N	Soil
C348	- (--,--,--,45,--)		C385	L1E @ 8+75N	Soil	C420	- (--,--,--,67.7,--,--)	
C349	- (--,--,--,67,--)		C386	L1E @ 9+00N	Soil	C421	- (--,217,--,--,--,--)	
C350	- (--,--,--,76,--)		C387	L1E @ 9+25N	Soil	C422	- (--,253,--,--,--,--)	
C351	L1E @ 1+25S	Soil	C388	- (--,--,--,49,--)		C423	- (--,153,--,--,--,--)	
C352	L1E @ 1+00S	Soil	C389	- (--,182,--,12,--,7)		C424	L 0+00 @ 1+50N	Soil
C353	- (--,--,--,54,--)		C390	L1E @ 10+50N	Soil	C425	L 0+00 @ 1+25N	Soil
C354	L1E @ 0+50S	Soil	C391	- (--,--,--,40,--)		C426	- (--,--,48.2 ,--,--)	
C355	L1E @ 0+25S	Soil	C392	- (31,--,--,62,--)		C427	L 0+00 @ 0+75N	Soil
C356	- (--,--,--,232 ,--)		C393	L 0 @ 10+25N	Soil	C428	- (--,--,--,52,--)	
C357	- (--,158 ,--,10 ,--,881,--)		C394	- (--,--,75.9,--,--)		C429	- (28,168 ,--,--,185,--)	
C358	- (36,306,--,--,206,--)		C395	L 0 @ 9+75 N	Soil	C430	L 0+00 @ BL+00	Soil
C359	- (--,--,12,--,--,--)		C396	- (--,--,49.9,--,--)		C431	- (--,--,121,--)	
C360	- (--,141,--,228,--)							

Sample No.	Location	Type	Sample No.	Location	Type	Sample No.	Location	Type
C433	L1W @ 1+00N Soil		C469	(--,-,---,---,83.6,---,--)		C505 (511)	L2W @ 1+00N Soil	
C434	(--,-,---,---,12,84.4,---,--)		C470	L3W @ 9+00N Soil		C506	L2W @ 1+25N Soil	
C435	L1W @ 1+50N Soil		C471	L3W @ 8+75N Soil		C507	L2W @ 1+50N Soil	
C436	(--,-,141,---,---,---,--)		C472	L3W @ 8+50N Soil		C508	L2W @ 1+75N Soil	
C437	L1W @ 2+00N Soil		C473	L3W @ 8+25N Soil		C509	(--,-,234,---,---,---,--)	
C438	L1W @ 2+25N Soil		C474	L3W @ 8+00N Soil		C510	L2W @ 2+25N Soil	
C439	L1W @ 2+50N Soil		C475	L3W @ 7+75N Soil		C511	(--,-,---,---,11,---,---,--)	
C440	(--,-,157,---,---,---,--)		C476	L3W @ 7+50N Soil		C512	L2W @ 2+75N Soil	
C441	L1W @ 3+00N Soil		C477	(--,-,---,---,---,52.7,---,--)		C513	(--,-,1260,---,---,81.7,127,--)	
C442	L1W @ 3+25N Soil		C478	L3W @ 7+00N Soil		C514	(--,-,339,---,---,---,95,--)	
C443	(--,-,156,---,---,---,61,--)		C479	(--,-,217,---,---,---,--)		C515	(--,-,---,---,10,---,---,--)	
C444	(--,-,---,---,---,95,--)		C480	L3W @ 6+50N Soil		C516	L2W @ 3+75N Soil	
C445	L1W @ 5+25N Soil		C481	L3W @ 6+25N Soil		C517	L2W @ 4+00N Soil	
C446	L1W @ 5+50N Soil		C482	L3W @ 6+00N Soil		C518	L2W @ 4+25N Soil	
C447	L1W @ 5+75N Soil		C483	L3W @ 5+75N Soil		C519	L2W @ 5+25N Soil	
C448	L1W @ 6+00N Soil		C484	(--,-,149,---,---,28,---,--)		C520	(--,-,---,---,68.5,---,--)	
C449	(--,-,---,---,---,75.2,---,--)		C485	L3W @ 5+25N Soil		C521	(29,186,---,---,---,64,--)	
C450	(--,-,---,---,---,46.1,---,--)		C486	L3W @ 4+50N Soil		C522	(--,-,215,---,---,---,--)	
C451	L1W @ 6+75N Soil		C487	(--,-,---,---,---,188,--)		C523	(--,-,210,---,---,92.9,---,--)	
C452	L1W @ 7+00N Soil		C488	(--,-,---,---,---,104,--)		C524	L2W @ 6+50N Soil	
C453	L1W @ 7+50N Soil		C489	(--,-,---,---,---,75,--)		C525	L2W @ 6+75N Soil	
C454	L1W @ 7+75N Soil		C490	L1W @ 3+50N Soil		C526	L2W @ 7+00N Soil	
C455	L1W @ 8+00N Soil		C491	L3W @ 3+25N Soil		C527	L2W @ 7+25N Soil	
C456	(--,-,---,---,---,55.1,---,--)		C492	L3W @ 3+00N Soil		C528	L2W @ 7+50N Soil	
C457	L1W @ 8+50N Soil		C493	L3W @ 2+75N Soil		C529	L2W @ 7+75N Soil	
C458	L1W @ 8+75N Soil		C494	L3W @ 2+50N Soil		C530	L2W @ 8+00N Soil	
C459	L1W @ 9+00N Soil		C495 (501)	L3W @ 2+25N Soil		C531	L2W @ 8+25N Soil	
C460	L1W @ 9+25N Soil		C496 (502)	L3W @ 2+00N Soil		C532	(--,-,---,---,51.3,---,--)	
C461	(--,-,---,---,---,79,--)		C497 (503)	L3W @ 1+75N Soil		C533	(--,-,---,---,66.7,---,--)	
C462	(--,-,---,---,---,58,--)		C498 (504)	L3W @ 1+50N Soil		C534 (540)	L2W @ 9+00N Soil	
C463	L1W @ 10+00N Soil		C499	(--,-,---,---,---,58.5,---,--)		C535	L2W @ 9+25N Soil	
C464	L1W @ 10+25N Soil		C500	L3W @ 1+00N Soil		C536	(--,-,---,---,---,80,--)	
C465	(35,---,---,---,---,41,--)		C501	(--,-,---,---,---,52.4,---,--)		C537	(--,-,---,---,---,63,--)	
C466	L3W @ 10+00N Soil		C502	L3W @ 0+50N Soil		C538	L2W @ 10+00N Soil	
C467	L3W @ 9+75N Soil		C503	L3W @ 0+25N Soil		C539	L2W @ 10+25N Soil	
C468	L3W @ 9+50N Soil		C504	L3W @ 0+00N Soil		C540	(--,-,167,---,---,---,204,--)	

<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Sample No.</u>	<u>Location</u>	<u>Type</u>
C541	- (21,437,---,---,130,--)		C577	L5W @ 2+75N	Soil	C613	- (--,162,---,---,45,--)	
C542	- (--,243,--, 9,211,161,--)		C578	L5W @ 3+00N	Soil	C614	(620) L7W @ 2+75N	Soil
C543	- (--,247,---,27,---,235 ,--)		C579	L5W @ 3+25N	Soil	C615	L7W @ 3+00N	Soil
C544	- (--,370,---,10,83.4,231,--)		C580	- (--,---,---,---,64,--)		C616	L7W @ 3+25N	Soil
C545	- (--,---,---,---,269,--)		C581	- (--,193,---,---,---,--)		C617	L7W @ 3+50N	Soil
C546	L4W @ 3+00N	Soil	C582	- (--,---,---,---,65,--)		C618	L7W @ 3+75N	Soil
C547	L4W @ 2+75N	Soil	C583	L5W @ 4+25N	Soil	C619	L7W @ 4+00N	Soil
C548	L4W @ 2+50N	Soil	C584	(590) L5W @ 4+50N	Soil	C620	- (--,178,---,---,---,--)	
C549	L4W @ 2+25N	Soil	C585	L6W @ 4+50N	Soil	C621	L7W @ 4+50N	Soil
C550	L4W @ 2+00N	Soil	C586	L6W @ 4+25N	Soil	C622	L7W @ 4+75N	Soil
C551	L4W @ 1+75N	Soil	C587	- (--,271,---,---,138,--)		C623	L8W @ 4+50N	Soil
C552	L4W @ 1+50N	Soil	C588	- (--,138,---,8,---,218,--)		C624	(630) L8W @ 4+25N	Soil
C553	L4W @ 1+25N	Soil	C589	- (--,168,---,8,---,331,--)		C625	- (--,163,---,---,---,--)	
C554	L4W @ 1+00N	Soil	C590	- (--,249,---,---,---,--)		C626	L8W @ 3+75N	Soil
C555	L4W @ 0+75N	Soil	C591	L6W @ 2+75N	Soil	C627	- (--,231,---,---,---,--)	
C556	- (--,---,---,---,62,--)		C592	L6W @ 2+50N	Soil	C628	L8W @ 3+00N	Soil
C557	L4W @ 0+25N	Soil	C593	L6W @ 2+25N	Soil	C629	L8W @ 2+75N	Soil
C558	L4W @ BL+00	Soil	C594	- (--,158,---,---,---,--)		C630	L8W @ 2+50N	Soil
C559	- (--,---,---,---,215,--)		C595	(601) L6W @ 1+75N	Soil	C631	L8W @ 2+25N	Soil
C560	- (--,161,---,---,99.6,142,--)		C596	L6W @ 1+50N	Soil	C632	- (--,---,---,---,140,--)	
C561	- (--,135,---,18,---,263,--)		C597	L6W @ 1+00N	Soil	C633	L8W @ 1+75N	Soil
C562	- (--,---,---,---,490,--)		C598	- (--,121,---,---,---,--)		C634	(640) L8W @ 1+50N	Soil
C563	- (--,522,---,---,54,--)		C599	- (--,163,---,---,144,--)		C635	- (--,148,---,14,---,---,--)	
C564	(570) L5W @ 0+50S	Soil	C600	- (--,---,---,---,146,--)		C636	- (--,248,---,---,---,--)	
C565	- (--,---,---,---, 43,--)		C601	- (--,400,1.1,---,---,---,--)		C637	L8W @ 0+75N	Soil
C566	- (--,227,---,---,---,--)		C602	L6W @ 0+25S	Soil	C638	L8W @ 0+50N	Soil
C567	L5W @ 0+25N	Soil	C603	L6W @ 0+50S	Soil	C639	L8W @ 0+25N	Soil
C568	L5W @ 0+50N	Soil	C604	- (--,---,---,---,53.6,346,--)		C640	- (--,127,---,---,---,219,--)	
C569	L5W @ 0+75N	Soil	C605	- (123,329,---,---,524,--)		C641	- (--,333,---,---,---,138,--)	
C570	- (--,156,---,11,---,---,--)		C606	- (--,---,---,---,51,--)		C642	- (--,113,---,---,---,--)	
C571	L5W @ 1+25N	Soil	C607	- (--,133,---,---,---,--)		C643	- (45,273,---,---,---,--)	
C572	- (--,---,---,---,57,--)		C608	L7W @ 0+50S	Soil	C644	- (36,363,---,---,---,93,--)	
C573	- (--,170,---,10,---,54,--)		C609	- (--,187,---,---,---,58,--)		C645	- (--,301,---,---,---,--)	
C574	(580) L5W @ 2+00N	Soil	C610	L7W @ BL+00	Soil	C646	L8W @ 1+50S	Soil
C575	L5W @ 2+25N	Soil	C611	- (--,---,---,---,48,--)		C647	- (--,---,---,---,78,--)	
C576	L5W @ 2+50N	Soil	C612	- (--,195,---,---,---,--)		C648	L19W@0+25N	Soil

<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Sample No.</u>	<u>Location</u>	<u>Type</u>
C649	L19W @ 0+50N	Soil	C685	L17W @ 1+75N	Soil	C721	L13W @ BL+00	Soil
C650	L19W @ 1+00N	Soil	C686	L17W @ 2+25N	Soil	C722	L13W @ 0+25N	Soil
C651	L19W @ 1+25N	Soil	C687	L17W @ 2+50N	Soil	C723	- (28,---,---,---,---)	
C652	L19W @ 1+50N	Soil	C688	L17W @ 2+75N	Soil	C724	- (28,165,---,---,57.8,---)	
C653	L19W @ 1+75N	Soil	C689	L17W @ 3+00N	Soil	C725	L13W @ 2+00N	Soil
C654 (660)	L19W @ 2+00N	Soil	C690	L17W @ 3+25N	Soil	C726	L13W @ 2+25N	Soil
C655	L19W @ 2+25N	Soil	C691	- (--,---,---,10,---,---)		C727	L13W @ 2+50N	Soil
C656	L19W @ 2+50N	Soil	C692	L16W @ 3+75N	Soil	C728	L13W @ 2+75N	Soil
C657	L19W @ 2+75N	Soil	C693	L16W @ 3+50N	Soil	C729	L13W @ 3+00N	Soil
C658	L19W @ 3+00N	Soil	C694 (700)	L16W @ 3+25N	Soil	C730	L13W @ 3+25N	Soil
C659	L19W @ 3+25N	Soil	C695	L16W @ 3+00N	Soil	C731	L13W @ 3+50N	Soil
C660	L19W @ 3+50N	Soil	C696	- (--,---,---,11,---,---)		C732	L13W @ 3+75N	Soil
C661	L19W @ 3+75N	Soil	C697	L16W @ 1+25N	Soil	C733	L12W @ BL+00	Soil
C662	L19W @ 4+00N	Soil	C698	L16W @ 1+00N	Soil	C734 (740)	L12W @ 0+25N	Soil
C663	L18W @ 4+00N	Soil	C699	- (56,308,---,---,---,---)		C735	- (--,131,---,---,---,---)	
C664 (670)	L18W @ 3+75N	Soil	C700	- (35,220,---,---,---,---)		C736	L12W @ 0+75N	Soil
C665	- (--,185,---,---,---,---)		C701	- (--,152,---,---,---,---)		C737	- (105,775,---,---,---,---)	
C666	L18W @ 3+25N	Soil	C702	L16W @ BL+00	Soil	C738	- (--,135,---,---,---,---)	
C667	L18W @ 3+00N	Soil	C703	L15W @ BL+00	Soil	C739	L12W @ 1+50N	Soil
C668	L18W @ 2+75N	Soil	C704 (710)	L15W @ 0+25N	Soil	C740	L12W @ 1+75N	Soil
C669	L18W @ 2+50N	Soil	C705	- (--,189,---,---,---,---)		C741	L12W @ 2+00N	Soil
C670	L18W @ 2+25N	Soil	C706	L15W @ 2+25N	Soil	C742	L12W @ 2+25N	Soil
C671	L18W @ 1+50N	Soil	C707	L15W @ 2+50N	Soil	C743	L12W @ 2+50N	Soil
C672	L18W @ 1+25N	Soil	C708	L15W @ 2+75N	Soil	C744	- (--,---,---,10,80.8,---,---)	
C673	L18W @ 1+00N	Soil	C709	L15W @ 3+00N	Soil	C745	- (--,---,---,10,---,---)	
C674 (680)	L18W @ 0+75N	Soil	C710	L15W @ 3+25N	Soil	C746	- (--,---,---,16,---,---)	
C675	L18W @ 0+50N	Soil	C711	L15W @ 3+50N	Soil	C747	L12W @ 3+50N	Soil
C676	L18W @ 0+25N	Soil	C712	L15W @ 3+75N	Soil	C748	L12W @ 3+75N	Soil
C677	L18W @ BL+00	Soil	C713	L14W @ 4+00N	Soil	C749	L11W @ 0+25S	Soil
C678	L17W @ BL+00	Soil	C714 (720)	L14W @ 3+75N	Soil	C750	L11W @ BL-0	Soil
C679	L17W @ 0+25N	Soil	C715	L14W @ 3+50N	Soil	C751	L11W @ 0+25N	Soil
C680	- (32,202,---,---,---,---)		C716	L14W @ 3+25N	Soil	C752	- (--,131,---,---,---,---)	
C681	L17W @ 0+75N	Soil	C717	L14W @ 3+00N	Soil	C753	- (93,238,---,---,---,---)	
C682	L17W @ 1+00N	Soil	C718	L14W @ 2+75N	Soil	C754	- (--,219,---,---,---,---)	
C683	L17W @ 1+25N	Soil	C719	L14W @ 2+50N	Soil	C755	- (--,---,---,---,42.6,---,---)	
C684 (690)	L17W @ 1+50N	Soil	C720	L14W @ 2+25N	Soil	C756	11W @ 1+50N	Soil

Sample No.	Location	Type	Sample No.	Location	Type	Sample No.	Location	Type
C757 (763)	L11W @ 1+75N	Soil	C793	L9W @ 2+25N	Soil	C828 (835)	L-0 @ 4+75S	Soil
C758	L11W @ 2+00N	Soil	C794 (800)	L9W @ 2+50N	Soil	C829	- (--,--,--,--,33,--)	
C759	L11W @ 2+25N	Soil	C795	L9W @ 2+75N	Soil	C830	- (28,165,--,--,--, 6)	
C760	L11W @ 3+00N	Soil	C796	L9W @ 3+00N	Soil	C831	L1W @ 4+75S	Soil
C761	L11W @ 3+25N	Soil	C797	L9W @ 3+25N	Soil	C832	L1W @ 4+50S	Soil
C762	L11W @ 3+75N	Soil	C798	- (38,299,--,--,--,--)		C833	L1W @ 4+25S	Soil
C763	L10W @ 3+75N	Soil	C799	L9W @ 3+75N	Soil	C834	- (--,135,--,--,--,17)	
C764	- (--,--,--,--,34,--)		C800	L9W @ 4+00N	Soil	C835	- (--,197,--,--,--,--)	
C765	L10W @ 3+25N	Soil	C801	- (32,158,--,--,--,--)		C836	- (--,324,--,--,--,--)	
C766	L10W @ 3+00N	Soil	C802	L9W @ 4+50N	Soil	C837	L9W @ 4+25S	Soil
C767	L10W @ 2+50N	Soil	C803	L9W @ 4+75N	Soil	C838	- (--,--,--,--,72.7,93,--)	
C768	L10W @ 2+25N	Soil	C804 (810)	L9W @ 5+00N	Soil	C839	- (--,--,--,--,84,--)	
C769	L10W @ 2+00N	Soil	C805	L9W @ 5+25N	Soil	C840	L8W @ 4+25S	Soil
C770	- (--,197,1.4,--,--,--,--)		C806	- (--,--,--,--,44.6,340,--)		C841	L8W @ 4+50S	Soil
C771	L10W @ 1+50N	Soil	C807	L2W @ 0+75N	Soil	C842	- (--,187,--,--,49.5,--,--)	
C772	- (--,205,--, 9,44.4,--,--)		C808	L2W @ 0+50N	Soil	C843	L8W @ 4+75S	Soil
C773	L10W @ 0+75N	Soil	C809	- (--,134,--,--,130,--)		C844 (850)	L7W @ 4+50S	Soil
C774 (780)	L10W @ 0+50N	Soil	C810	- (30,--,--,--,226,--)		C845	L7W @ 4+25S	Soil
C775	L10W @ 0+25N	Soil	C811	L-0 @ 0+25S	Soil	C846	L7W @ 4+00S	Soil
C776	L10W @ BL+00	Soil	C812	- (--,--,--,--,50.9,687,--)		C847	- (--,--,--,--,48.4,--,--)	
C777	- (--,253,--,--,--,57,--)		C813	- (--,--,--,--,52.9,157,--)		C848	L6W @ 3+50S	Soil
C778	L10W @ 2+00S	Soil	C814 (820)	L-0 @ 1+00S	Soil	C849	- (--,--,--,--,51,--)	
C779	L9W @ 1+75S	Soil	C815	L-0 @ 1+25S	Soil	C850	L6W @ 4+00S	Soil
C780	L9W @ 1+50S	Soil	C816	L-0 @ 1+50S	Soil	C851	- (58,555,--,--,--, 9)	
C781	- (--,373,--,--,--,--)		C817	L-0 @ 2+00S	Soil	C852	L6W @ 4+75S	Soil
C782	- (--,298,--,--,--,--)		C818	- (--,--,--,12,--,--,--)		C853	L6W @ 5+00S	Soil
C783	L9W @ 0+75S	Soil	C819	L-0 @ 2+50S	Soil	C854 (860)	L5W @ 5+00S	Soil
C784	- (--,201,--,--,--,55,--)		C820	L-0 @ 2+75S	Soil	C855	- (50,431,--,--,--,32,--)	
C785	- (--,218,--,13,--,193,--)		C821	- (32,282,--,--,--,--)		C856	- (--,175,--,--,57.2,--,26)	
C786	- (--,--,--,--,5)		C822	L-0 @ 3+25S	Soil	C857	L5W @ 4+25S	Soil
C787	L9W @ 0+25N	Soil	C823	L-0 @ 3+50S	Soil	C858	L5W @ 4+00S	Soil
C788	- (--,160,--,--,--,--)		C824	- (--,--,--,--,40,--)		C859	L5W @ 3+75N	Soil
C789	L9W @ 0+75N	Soil	C825	L-0 @ 4+00S	Soil	C860	L5W @ 3+50N	Soil
C790	L9W @ 1+25N	Soil	C826	L-0 @ 4+25S	Soil	C861	L5W @ 3+25S	Soil
C791	- (--,166,--,--,--,--)		C827	- (--,--,--,--,35,--)		C862	L5W @ 3+00S	Soil
C792	- (--,181,--,--,--,--)							

<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Sample No.</u>	<u>Location</u>	<u>Type</u>	<u>Sample No.</u>	<u>Location</u>	<u>Type</u>
C863	L4W @ 2+75S	Soil	C899 (905)	L2E @ 8+50N	Soil	C935	L6E @ 8+50N	Soil
C864 (870)	L4W @ 3+00S	Soil	C900	L2E @ 8+75N	Soil	C936	- (--,138,--,--,--,--)	
C865	- (--,--,--, 7,--,--,--)		C901	- (--,--,--,50.2,--,--)		C937	L6E @ 9+00N	Soil
C866	L4W @ 3+50S	Soil	C902	- (--,--,--,45.2,--,--)		C938	L6E @ 9+25N	Soil
C867	L4W @ 3+75S	Soil	C903	- (--,--,--,39.7,--,--)		C939	L6E @ 9+50N	Soil
C868	- (--,--,--, 7,--,--,20)		C904	- (--,--,--,63.7,--,--)		C940	L6E @ 9+75N	Soil
C869	- (--,334,--,--,--,--)		C905	L3E @ 8+25N	Soil	C941	L6E @ 10+00N	Soil
C870	- (34,470,--,--,--,--)		C906	L3E @ 8+00N	Soil	C942	L6E @ 10+25N	Soil
C871	- (21,223,--,--,--,--)		C907	- (--,187,--,--,--,--)		C943	- (--,143,--,--,--,--)	
C872	- (87,694,--,--,--,--)		C908	L3E @ 7+50N	Soil	C944	- (32,180,--,--,--,--)	
C873	- (50,939,--,--,--,--)		C909	- (--,176,--,13,--,--,--)		C945	L6E @ 11+00N	Soil
C874	- (--,328,--,--,--,--)		C910	L3E @ 7+00N	Soil	C946	- (50,--,--,--,--,--)	
C875	- (--,162,--,--,--,10)		C911	L4E @ 7+75N	Soil	C947	L7E @ 10+50N	Soil
C876	L3W @ 3+75S	Soil	C912	L4E @ 8+00N	Soil	C948	L7E @ 10+25N	Soil
C877	L3W @ 3+50S	Soil	C913	L4E @ 8+25N	Soil	C949	- (--,125,--,11,--,--,--)	
C878	L3W @ 3+25S	Soil	C914 (920)	L4E @ 8+50N	Soil	C950	- (--,208,--,--,--,--)	
C879	L3W @ 3+00S	Soil	C915	L4E @ 8+75N	Soil	C951	- (--,179,--,--,--,--)	
C880	L3W @ 2+75S	Soil	C916	- (--,169,--,--,--,--)		C952	L7E @ 9+25N	Soil
C881	L3W @ 2+50S	Soil	C917	L4E @ 9+25N	Soil	C953	- (50,645,--,--,--,--)	
C882	- (28,192,--, 8,--,--,--)		C918	- (45,146,--,--,--,--)		C954	- (--,260,--,--,--,--)	
C883	L2W @ 4+75S	Soil	C919	L4E @ 9+75E	Soil	C955	- (--,371,--,--,--,--)	
C884 (890)	L2W @ 4+50S	Soil	C920	L4E @ 10+00N	Soil	C956	- (35,152,--,--,--,--)	
C885	L2W @ 3+50S	Soil	C921	L5E @ 10+75N	Soil	C957	- (--,386,--,--,--,--)	
C886	L2W @ 3+25S	Soil	C922	L5E @ 10+50N	Soil	C958	L8E @ 9+00N	Soil
C887	L2W @ 3+00S	Soil	C923	L5E @ 10+25N	Soil	C959	L8E @ 9+25N	Soil
C888	L2W @ 2+75S	Soil	C924 (930)	L5E @ 10+00N	Soil	C960	L8E @ 9+50N	Soil
C889	L2W @ 2+50S	Soil	C925	L5E @ 9+75N	Soil	C961	L8E @ 9+75N	Soil
C890	L1W @ 2+50S	Soil	C926	- (32,362,--,--,--,--)		C962	- (--,207,--,--,33.7,--,--)	
C891	L1W @ 2+75S	Soil	C927	L5E @ 9+25N	Soil	C963	- (--,--,--,56.6,--,--)	
C892	L1W @ 3+00S	Soil	C928	L5E @ 9+00N	Soil	C964	L8E @ 10+50N	Soil
C893	L1W @ 7+00N	Soil	C929	- (--,147,--,--,--,--)		C965	L8E @ 10+75N	Soil
C894	- (28,160,--,--,--,--)		C930	L5E @ 8+50N	Soil	C966	- (--,181,--,--,--,--)	
C895	L2E @ 7+50N	Soil	C931	- (--,163,--,--,--,--)		C967	L9E @ 9+25N	Soil
C896	L2E @ 7+75N	Soil	C932	- (108,890,--,1.2,--,144,--)		C968	- (34,337,--,--,--,--)	
C897	L2E @ 8+00N	Soil	C933	- (44,606,--,--,--,--)		C969	L9E @ 8+75N	Soil
C898	L2E @ 8+25N	Soil	C934 (940)	L6E @ 8+25N	Soil			

Sample No.	Location	Type	Sample No.	Location	Type	Sample No.	Elements	Values (in p.p.m.)
							(Pb,Zn,Ag,Au,Cu,As,Mo)	
C970	L9E @ 8+50N	Soil	C1006	L18W @ 19+75N	Soil	C1042	-	(--,--,--,--,--,--)
C971	L9E @ 8+25N	Soil	C1007	L18W @ 19+50N	Soil	C1043	-	(--,230,--,--,--,--)
C972	-	(--,156,--,--,--,--)	C1008	L18W @ 19+25N	Soil	C1044	-	(--,--,--,--,--,--)
C973 (979)	L10E @ 8+75N	Soil	C1009	L18W @ 19+00N	Soil	C1045	-	(--,--,--,--,--,--)
C974	-	(--,301,--,--,--,--)	C1010	L18W @ 18+75N	Soil	C1046	-	(--,--,--,--,--,--)
C975	-	(--,223,--,--,--,--)	C1011	-	(--,--,--,14,--,--,--)	C1047	-	(--,--,--,--,--,--)
C976	L10E @ 9+50N	Soil	C1012	L18W @ 18+25N	Soil	C1048	-	(--,210,--,--,--,--)
C977	-	(--,166,--,--,46.7,--,--)	C1013	-	(--,321,--,--,--,--)	C1049	-	(--,103,--,--,--,--)
C978	L19W @ 12+25N	Soil	C1014	-	(29,260,--,--,--,--)	C1050	-	(--,--,--,--,--,--)
C979	-	(--,--,--,52.5,--,--)	C1015 (58021)	L18W@17+50N	Soil	C1051	-	(--,133,--,--,--,--)
C980	-	(--,149,--,--,--,--)	C1016	L18W @ 17+25N	Soil	C1052	-	(--,--,--,--,--,--)
C981	L19W @ 13+00N	Soil	C1017	L18W @ 7+00N	Soil	C1053	-	(--,--,--,--,--,--)
C982 (988)	L19W @ 13+25N	Soil	C1018	L18W @ 6+75N	Soil	C1054	-	(--,--,--,--,--,--)
C983	L19W @ 13+50N	Soil	C1019	-	(--,--,--,66.4,--,--)	C1055	-	(88,503,--,--,--,--)
C984	L19W @ 13+75N	Soil	C1020	L18W @ 14+75N	Soil	C1056	-	(--,365,--,--,--,--)
C985	-	(34,216,--,--,63.2,--,--)	C1021	L18W @ 14+50N	Soil	C1057	-	(--,--,--,--,--,--)
C986	-	(--,348,--,--,62.9,--,--)	C1022	L18W @ 14+25N	Soil	C1058	-	(--,--,--,--,--,--)
C987	L19W @ 14+50N	Soil	C1023	L18W @ 14+00N	Soil	C1059	-	(--,--,--,--,--,--)
C988	-	(--,357,--,--,--,--)	C1024	-	(--,255,--,12,--,--,--)	C1060	-	(--,--,--,--,--,--)
C989	L19W @ 15+00N	Soil	C1025	L18W @ 13+50N	Soil	C1061	-	(--,--,--,--,--,--)
C990	-	(29,219,--,--,--,--)	C1026 (58032)	L18W@13+25N	Soil	C1062	-	(--,--,85.9,--,--,--)
C991	L19W @ 15+50N	Soil	C1027	L18W @ 13+00N	Soil	C1063	-	(--,--,--,--,--,--)
C992	-	(--,257,--,--,--,--)	C1028	-	(--,132,--,--,--,--)	C1064	-	(--,--,--,--,--,--)
C993	L19W @ 17+00N	Soil	C1029	-	(--,130,--,--,--,--)	C1065	-	(--,--,--,--,--,--)
C994	-	(--,439,--,--,--,--)	C1030	-	(53,215,--,--,--,--)	C1066	-	(47,--,--,--,--,--)
C995 (58001)	L19W@17+50N	Soil	C1031	-	(31,274,--,--,--,--)	C1067	-	(--,--,--,--,--,--)
C996	-	(--,218,--,--,--,--)	C1032	-	(53,232,--,--,--,--)	C1068	-	(26,--,--,47.7,--,--)
C997	-	(28,173,--,--,--,--)	C1033	-	(30,217,--,--,15.7,--,--)	C1069	-	(--,--,--,--,--,--)
C998	-	(28,300,--,--,--,--)	C1034	-	(47,277,--,--,--,--)	C1070	-	(--,141,--,--,--,--)
C999	L19W @ 18+50N	Soil	C1035	-	(53,280,--,--,--,--)	C1071	-	(--,188,--,--,--,--)
C1000	-	(68,346,4.1,1150,--,--,--)	C1036	-	(38,349,--,--,72.4,--,--)	C1072	-	(--,188,--,--,--,--)
C1001	-	(--,--,9.0,--,--,--)	C1037	-	(--,--,--,--,--,--)	C1073	-	(--,135,--,--,44.2,--,--)
C1002	L19W @ 19+25N	Soil	C1038	-	(--,195,--,--,--,--)	C1074	-	(--,135,--,--,--,--)
C1003	-	(--,195,--,--,--,--)	C1039	-	(--,183,--,--,46.8,--,--)	C1075	-	(32,717,--,9,46.1,--,--)
C1004	L19W @ 19+75N	Soil	C1040	-	(--,--,--,--,--,--)	C1076	-	(34,--,--,--,--,--)
C1005	L18W @ 20+00N	Soil	C1041	-	(--,--,--,--,--,--)	C1077	-	(--,--,--,--,--,--)

Sample No.	Location	Type	Values (in p.p.m., Au in p.p.b.)							
			Pb	Zn	Ag	Au	Cu	As	Mo	
C1078	(-- , -- , -- , -- , -- , -- , -- , --)									
C1079	(40, 239, 0.7, -- , -- , -- , --)									
C1080	(22, 178, -- , -- , -- , -- , --)									
C1081	(-- , -- , -- , -- , -- , -- , --)									

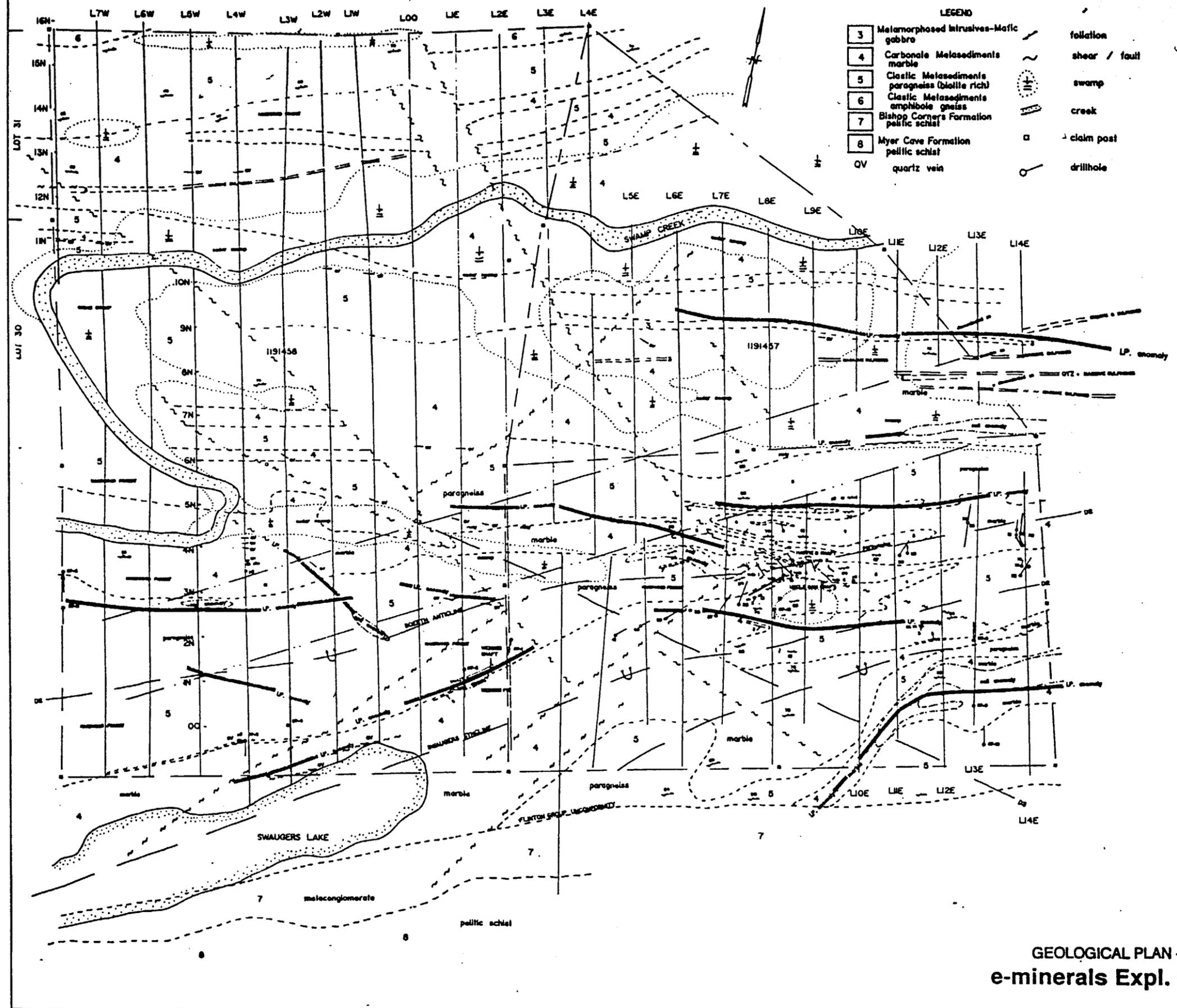
END OF SAMPLING - TILL GEOCHEMICAL SURVEY

NOTE: - Mean averages taken into account for the values of the main mineral suites
 - Following are the anomalous values/thresholds tracked for the elements indicated:

- Lead (Pb) : + 30 p.p.m.
- Zinc (Zn): + 150 p.p.m.
- Silver (Ag) : + 1 p.p.m.
- Gold (Au) : + 8 p.p.b.
- Copper (Cu) : + 50 p.p.m.
- Arsenic (As) : + 50 p.p.m.
- Molybdenum (Mo) : + 1 p.p.m.

Values for Geochem Sampling Program

All in p.p.m, Au in p.p.b.
 (Pb, Zn, Ag, Au, Cu, As, Mo)



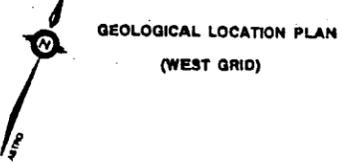
LEGEND

3	Metamorphosed Intrusives-Mafic gabbro		foliation
4	Carbonate Metasediments marble		shear / fault
5	Clastic Metasediments paragneiss (biotite rich)		swamp
6	Clastic Metasediments amphibole gneiss		creek
7	Bishop's Corners Formation pelitic schist		claim post
8	Myer Cove Formation pelitic schist		drillhole
QV	quartz vein		

GEOLOGICAL PLAN - WEST GRID
e-minerals Expl. Corp.



LOCATION PLAN



e-minerals expl. corp.
Clarendon Twp. Property

SCALE 1:2500

DESCRIPTION OF GEOLOGICAL UNITS

FLINTS, ABOVE

MYER CAVE FORMATION

- 12a - Black Pyrite Shales
- 12b - Chert Interbeds

BIG-UP CORNER FORMATION

- 11 - Purple Shales

HYDRICAVE LINTS (above/below)

- 2 - Gneisses - hornblende / plagioclase rich, amphibolite

METASEDIMENTARY UNITS (Basal / Under)

Cherty metasediments (non-Chertaceous)

- 7 - Siliceous, Greystones

Carbonaceous Metasediments

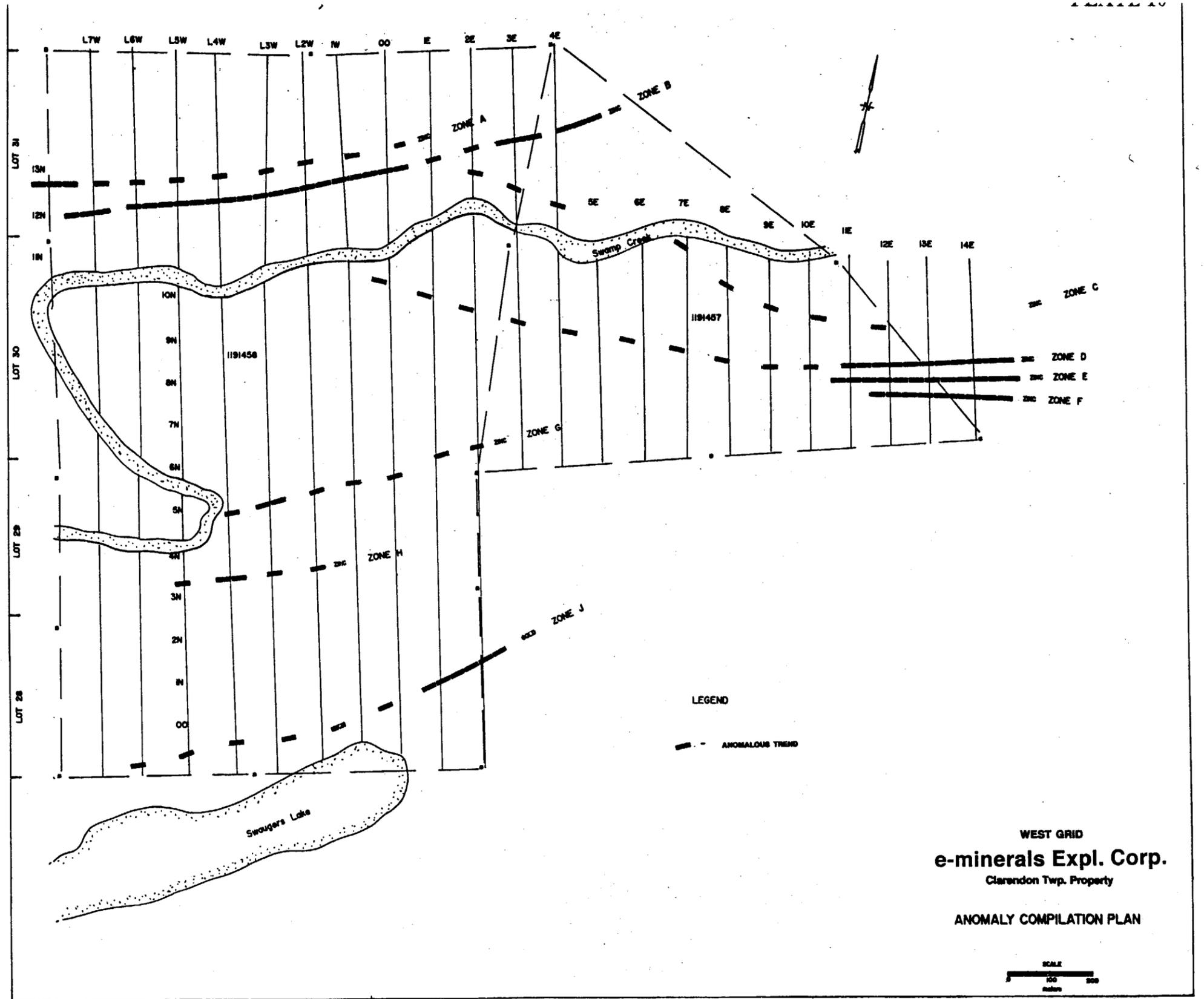
- 6 - Carbonaceous Shales (a)
- 6 - Carbonaceous Shales (b)
- 6 - Carbonaceous Shales (c)
- 6 - Carbonaceous Shales (d)
- 6 - Carbonaceous Shales (e)
- 6 - Carbonaceous Shales (f)

Chertaceous - Felsic to Intermediate (non-Chertaceous)

- 5 - Chertaceous-Argillaceous with interbedded

KEY

- Strata, generally, vertical, inclined
- Unconformity, plunging, discordance plunging
- Fault, normal, vertical, inclined
- Unconformity (Z-Folding Plunge Oblique)
- Unconformity (S-Folding Plunge Oblique)
- Syncline / Anticline Axis
- Geological Contact
- Stratigraphic, Trench, Proximal Fault
- Bed, Pits, Shale
- Outcrop
- Drill Hole Collar
- All. Pond



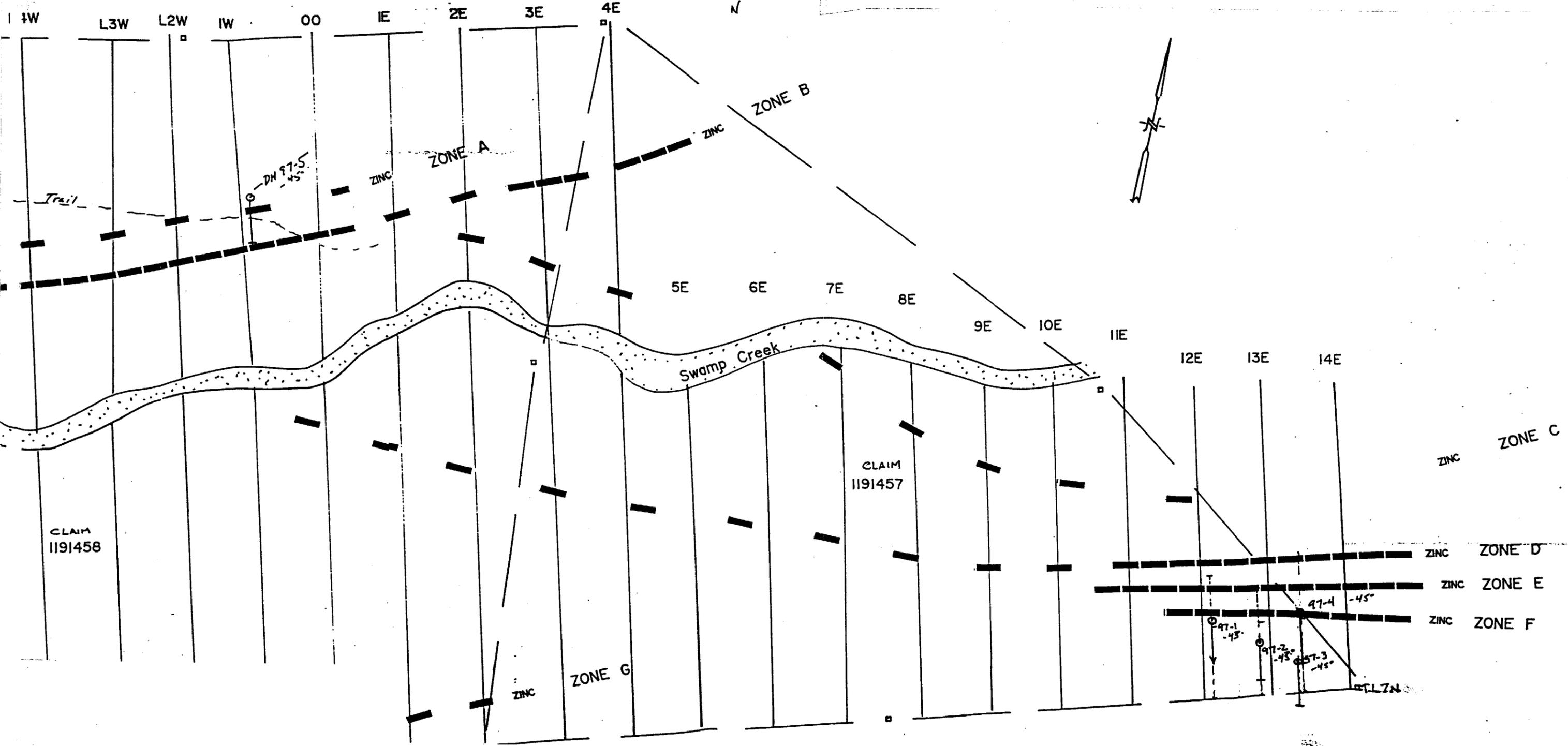
WEST GRID
e-minerals Expl. Corp.
 Clarendon Twp. Property

ANOMALY COMPILATION PLAN



CONCESSION IX

Scale 100m.





Declaration of Assessment Work Performed on Mining Land

Transaction Number (office use) W 9990.00062
Assessment Files Research Imaging

Subsection 65(2) and 66(3), R.S.O. 1990



31C15NW2003 2.20062 CLARENDON

Subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assessment work and correspond with the mining land holder. Questions about this form should be directed to the Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario N2P 2Y5.

900
* Amendment *

- Instructions:
- For work performed on Crown Lands before recording a claim, use form 0240.
 - Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name FRED T. ARCHIBALD (original stake)	Client Number 102807
Address 90 #15-16 - 668 Millway Ave CONCORD, ONT. L4K 3V2	Telephone Number (905) 660-0501
	Fax Number (905) 660-7143
Name Minnissabik Mineral Corp.	Client Number
Address 40 Suite 600 - 36 Dundas St. TORONTO, ONT. M5C 2X3	Telephone Number
	Fax Number

* Name changed to E. Minerals Expl. Corp. - ONT. Corp. # 1170408

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

<input checked="" type="checkbox"/> Geotechnical: prospecting, surveys, assays and work under section 18 (regs)	<input type="checkbox"/> Physical: drilling stripping, trenching and associated assays	<input type="checkbox"/> Rehabilitation
Work Type Geotechnical - geochen. Till Sampling - gridding - prospecting-sampling - assays		Office Use
Dates Work Performed From 28th Oct. 97 To 20th Sept. 99		Commodity
Global Positioning System Data (if available)		Total \$ Value of Work Claimed
Township/Area	Mining Division	NTS Reference
M or G-Plan Number	Resident Geologist District	

- Please remember to:
- obtain a work permit from the Ministry of Natural Resources as required;
 - provide proper notice to surface rights holders before starting work;
 - complete and attach a Statement of Costs, form 0212;
 - provide a map showing contiguous mining lands that are linked for assigning work;
 - include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name John ARCHIBALD / Sonic Soil	Telephone Number (905) 660-0501
Address 90 #15-16 - 668 Millway Ave CONCORD, ONT. L4K 3V2	Fax Number (905) 660-7143
Name Jim Richard 90 " " "	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, John C. Archibald (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>John C. Archibald</i>	Date Sept 20 1999
Agent's Address 27 Conleigh Blvd TORONTO, ONT. M4R 1K5	Telephone Number 416-488-3213
	Fax Number 905-660-7143

* amended *
May 1, 2000
John C. Archibald

... was performed, at the time work was performed.

Claim Number. Or if was done on other eligible mining land, how in this claim the location number called on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
1234567	12	0	\$24,000	0	0
1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1191457	3	6,225	4,000	0	2,225
1191458	8	19,563	3,200	7822 (to 1229830)	8541
1191459	2	6,225	3,325	0	2,900
1163444	1	5,335	2,400	0	2,935
1229819	2	7,114	4,800	0	2,314
1229828	2	7,114	4,800	0	2,314
1229821	2	6,225	4,800	0	1,425
1229822	4	10,670	9,600	0	1,070
1229823	2	5,335	4,800	0	535
1229824	2	7,114	4,800	0	2,314
1229829	2	6,225	4,800	0	1,425
1229830	4	17,78	9,600	0	0
Column Totals	34	88,923	60,925	7822	27,998

John C. ARCHIBALD do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: Sept 20, 1999 May 1, 2000

Instruction for cutting back: credits that are not approved.

One or more of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

JCA

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9845
Fax: (877) 670-1555

May 11, 2000

E-MINERALS EXPLORATION CORP.
SUITE 600
36 LOMBARD STREET
TORONTO, ONTARIO
M5C-2X3

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.20062

Status

Subject: Transaction Number(s): W9990.00062 Deemed Approval

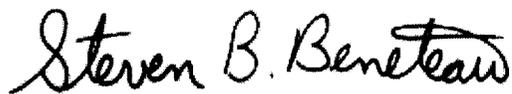
We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact BRUCE GATES by e-mail at bruce.gates@ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,



ORIGINAL SIGNED BY
Steve B. Beneteau
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.20062

Date Correspondence Sent: May 11, 2000

Assessor: BRUCE GATES

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9990.00062	1191457	CLARENDON	Deemed Approval	March 12, 2000

Section:

9 Prospecting PROSP

13 Geochemical GCHEM

Assessment work credit has been approved as outlined on the AMENDED Declaration of Assessment Work Form accompanying this submission.

Correspondence to:

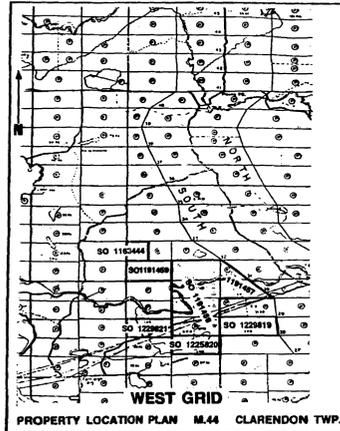
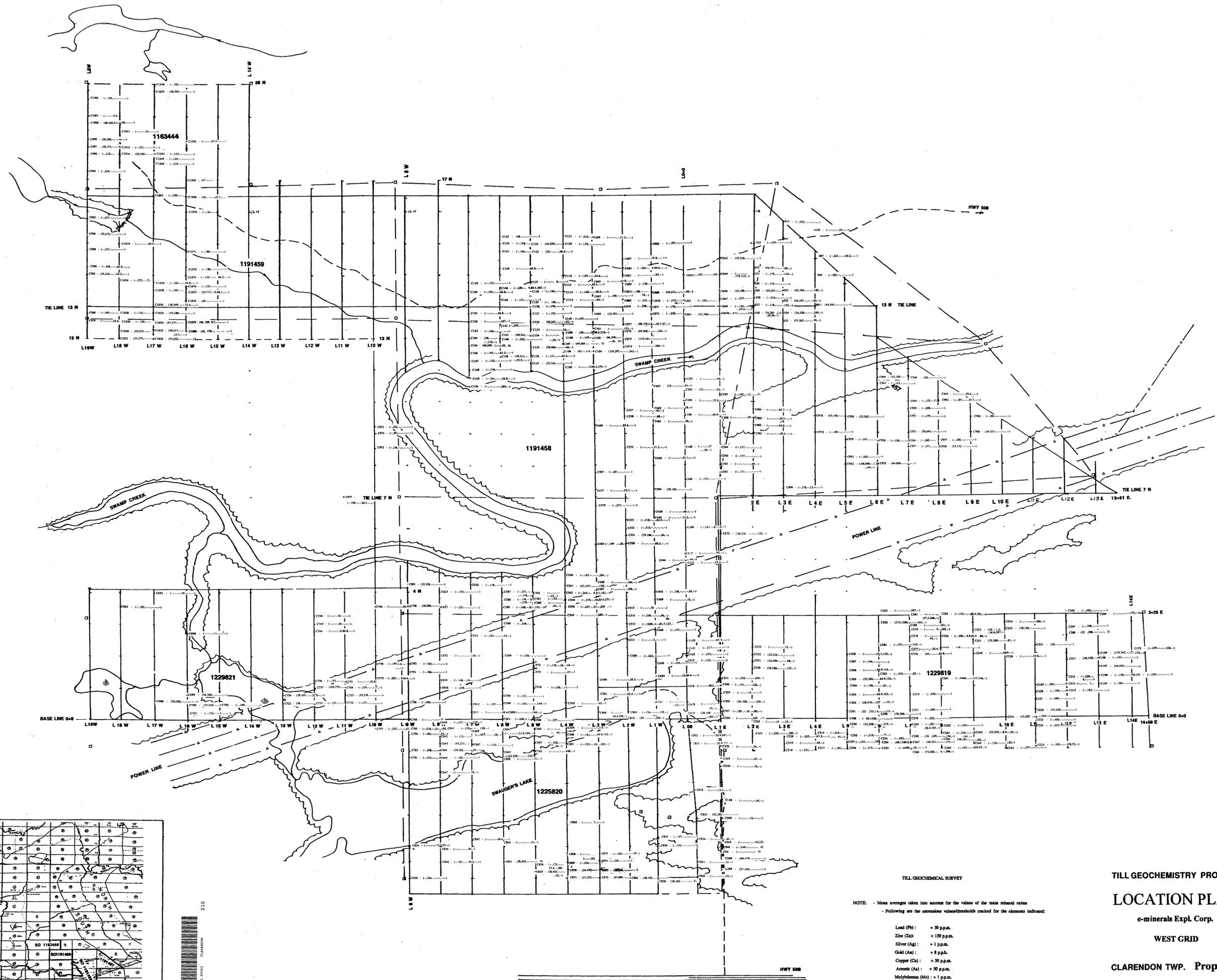
Resident Geologist
Tweed, ON

Recorded Holder(s) and/or Agent(s):

John C. Archibald
TORONTO, ONTARIO, CANADA

Assessment Files Library
Sudbury, ON

E-MINERALS EXPLORATION CORP.
TORONTO, ONTARIO



TILL GEOCHEMICAL SURVEY

NOTE: - Mean averages taken into account for the values of the main mineral suites
- Following are the anomalous values/thresholds tracked for the elements indicated:

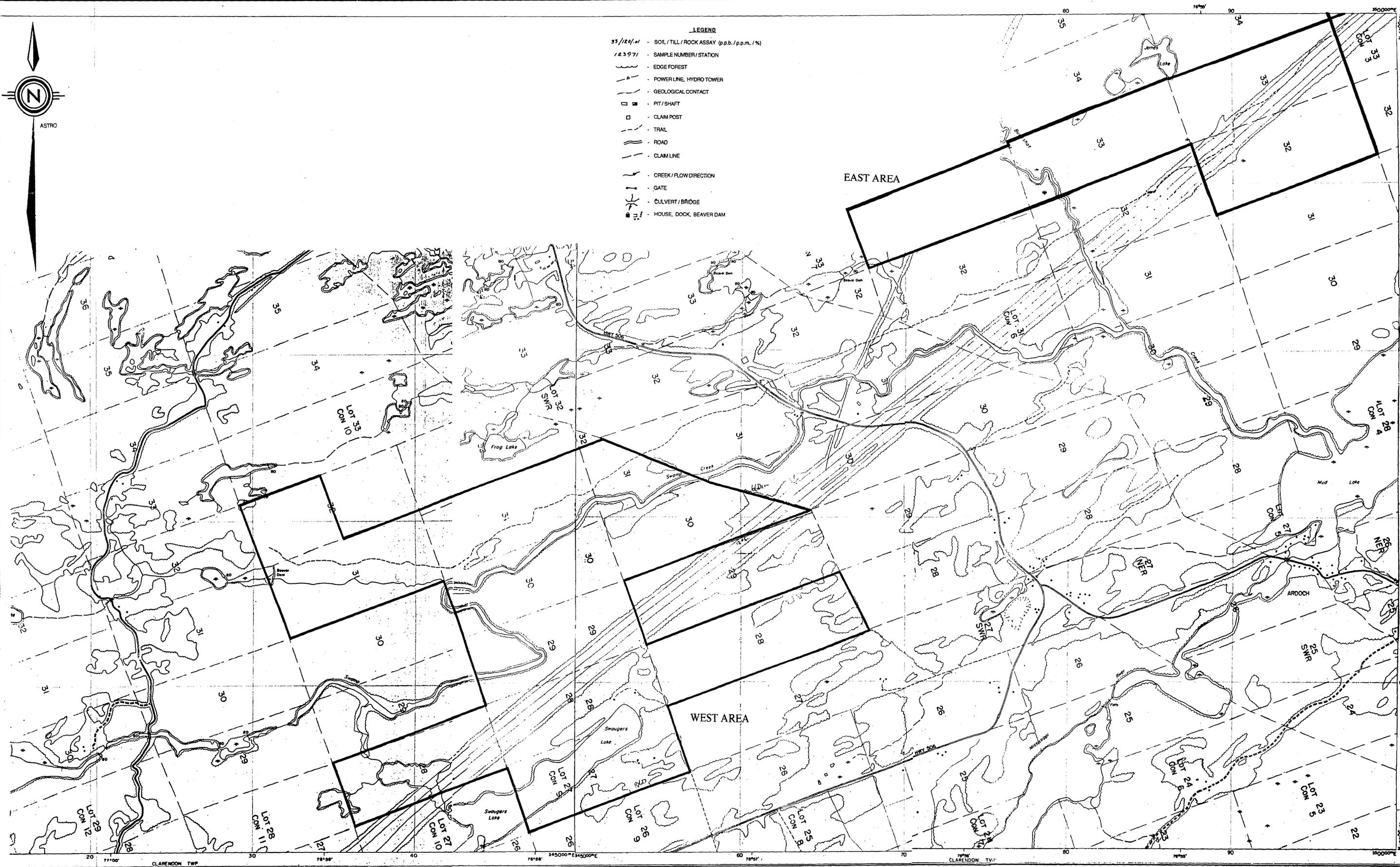
- Lead (Pb) : + 30 ppm.
- Zinc (Zn) : + 150 ppm.
- Silver (Ag) : + 1 ppm.
- Gold (Au) : + 8 ppb.
- Copper (Cu) : + 50 ppm.
- Arsenic (As) : + 30 ppm.
- Molybdenum (Mo) : + 1 ppm.

Values for Geochem Sampling Program
All in ppm, Au in ppb.
(Pb, Zn, Ag, Au, Cu, As, Mo)

TILL GEOCHEMISTRY PROGRAM
LOCATION PLAN
e-minerals Expl. Corp.
WEST GRID
CLARENDON TWP. Property



- LEGEND**
- 33/120/01 - SOIL/TILL/ROCK ASSAY (p.p.b./p.p.m./%)
 - 123971 - SAMPLE NUMBER/STATION
 - ~ - EDGE FOREST
 - - - POWER LINE, HYDRO TOWER
 - - - GEOLOGICAL CONTACT
 - - PIT/SHAFT
 - - CLAIM POST
 - - - TRAIL
 - == ROAD
 - - - CLAIM LINE
 - ~ - CREEK / FLOW DIRECTION
 - - - GATE
 - - - CULVERT / BRIDGE
 - - HOUSE, DOCK, BEAVER DAM

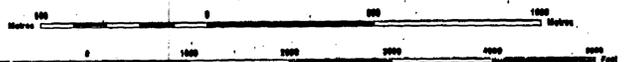


220 1103398003 2.20052 CLARENDON

LOCATION PLAN

E-Minerals Expl. Corp.
Clarendon Twp. Property

Scale 1:10 000



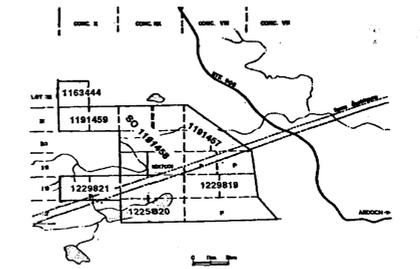
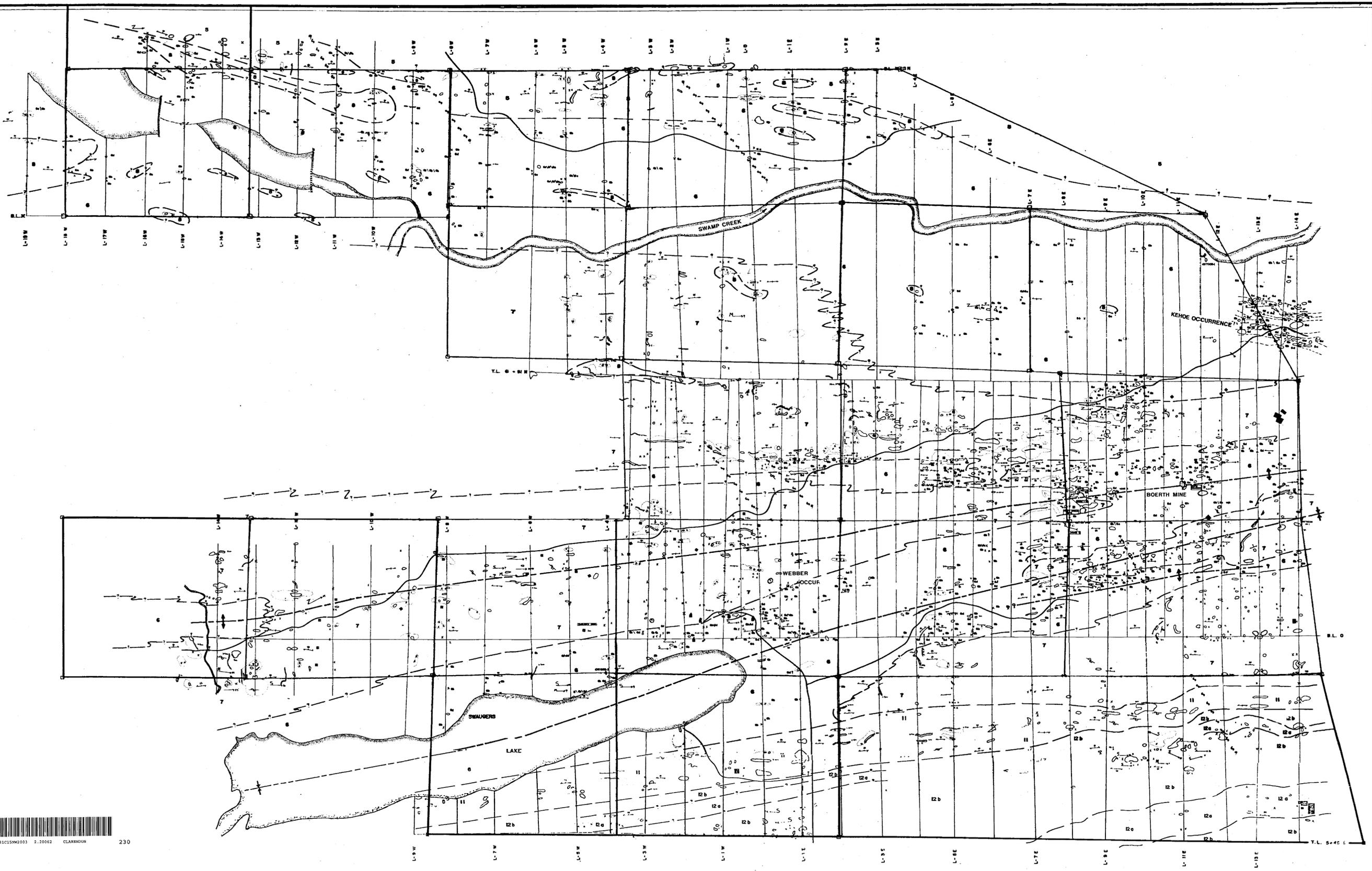
Scale 1:10 000



NOTES

North American Datum 1927.
Universal Transverse Mercator (UTM) projection.
Zone 18, Central Meridian 78° 30' W.
Grid Interval 1000 metres.
Legend and explanatory notes obtainable from
Public Service Centre Ministry of Natural
Resources, Queen's Park, Toronto.

ADJOINING SHEETS	
1018 3450 49800	1018 3450 49700
1018 3450 49700	1018 3450 49600



LOCATION PLAN
GEOLOGICAL LOCATION PLAN
(WEST GRID)



E-Minerals Expl. Corp.
Clarendon Twp. Property

SCALE 1:2500

DESCRIPTION OF GEOLOGICAL UNITS

ELINTON GROUP

MYER CAVE FORMATION:

- 12a - Black Pyrite Schist
- 12b - Calcitic Marble

BISHOP CORNER FORMATION:

- 11 - Pelitic Schists

INTRUSIVE UNITS (Metamorphosed):

- 8 - Gneisses - hornblende / plagioclase rich, amphibolite

METASEDIMENTARY UNITS (Banded / Bedded):

Clastic metasediments (Non-Differentiated):

- 7 - Siltstones, Greywackes

Carbonate Metasediments:

- 6 - Dolomitic Marbles (6a)
- Calcitic Marbles (6b)
- Quartzites (6c)
- Clastic metasediments (6d)
- Amphibolite (6e)
- Calc-siltstones (6f)
- Conglomeratic marbles (6h)

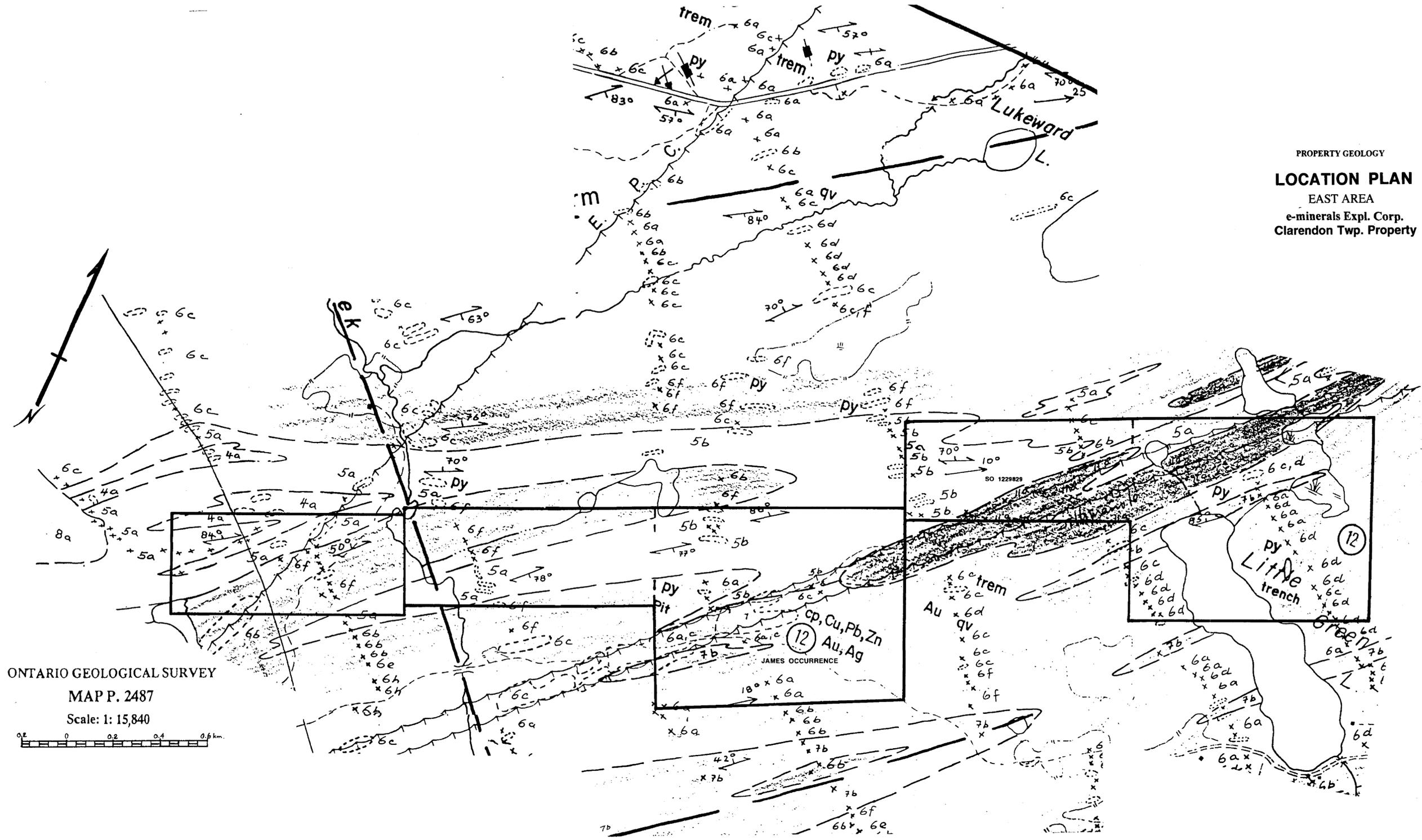
Gneisses - Felsic to Intermediate (Non-Differentiated):

- 5 - Quartz-Feldspathic with minor hornblende

KEY

- Schistosity, gneissosity, vertical, inclined
- Lamination, plunging, discontinuous plunge
- vein, bedding, vertical, inclined
- Lamination (Z-Folding) Plunge Direction
- Lamination (S-Folding) Plunge Direction
- Synform / Antiform Axis
- Geological Contact
- Excavation, Trench, Presumed Fault
- Expl. Pits, Shafts
- Outcrops
- Drill Hole Collar
- Adit, Portal

PROPERTY GEOLOGY
LOCATION PLAN
 EAST AREA
 e-minerals Expl. Corp.
 Clarendon Twp. Property



ONTARIO GEOLOGICAL SURVEY
 MAP P. 2487
 Scale: 1: 15,840

12
 cp, Cu, Pb, Zn
 Au, Ag
 JAMES OCCURRENCE

12
 Little trench



Miller Twp. (M.127)

THE TOWNSHIP OF CLARENDON

COUNTY OF FRONTENAC
SOUTHERN ONTARIO
MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED
- TRAILS
- PATENTED S.R.O.

NOTES

This Map Is Not To Be Used FOR SURVEY PURPOSES

Lot And Concession Lines Shown Hereon Are Projected From The Best Information Available, But Their True Position Is Not Guaranteed. For Official Survey Purposes Consult The Original Survey Plans And Field Notes Of Records In The Ministry Of Natural Resources.

400' surface rights reservation along the shores of all lakes and rivers.

Flooded Lands Shown Thus:

Flooding Rights Reserved On Cross Lake And Fawn Lake To Elevation 110.5'. File: 126113.

Original Survey Line Of Frontenac Road Shown Thus:

Islands in Clarendon Lake shown thus
Surface Rights Only withdrawn from staking. File: 180204.

AREAS WITHDRAWN FROM STAKING

S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

Section	Order No.	Date	Disposition	File
34	1	1878	SW	87851
34	2	1878	SW	87852
34	3	1878	SW	87853
34	4	1878	SW	87854
34	5	1878	SW	87855
34	6	1878	SW	87856
34	7	1878	SW	87857
34	8	1878	SW	87858
34	9	1878	SW	87859
34	10	1878	SW	87860
34	11	1878	SW	87861
34	12	1878	SW	87862
34	13	1878	SW	87863
34	14	1878	SW	87864
34	15	1878	SW	87865
34	16	1878	SW	87866
34	17	1878	SW	87867
34	18	1878	SW	87868
34	19	1878	SW	87869
34	20	1878	SW	87870
34	21	1878	SW	87871
34	22	1878	SW	87872
34	23	1878	SW	87873
34	24	1878	SW	87874
34	25	1878	SW	87875
34	26	1878	SW	87876
34	27	1878	SW	87877
34	28	1878	SW	87878
34	29	1878	SW	87879
34	30	1878	SW	87880
34	31	1878	SW	87881
34	32	1878	SW	87882
34	33	1878	SW	87883
34	34	1878	SW	87884
34	35	1878	SW	87885
34	36	1878	SW	87886
34	37	1878	SW	87887
34	38	1878	SW	87888
34	39	1878	SW	87889
34	40	1878	SW	87890
34	41	1878	SW	87891
34	42	1878	SW	87892
34	43	1878	SW	87893
34	44	1878	SW	87894
34	45	1878	SW	87895

Sec. 36 W-LL-C389 Ont 130599 M+S
SEC. 35 W-SO.3399 1999/12/15 M+S 195150

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

PLAN NO.-M.77

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

Barrie Twp. (M.50)

Palmerston Twp. (M.139)

Olsen Twp. (M.136)

Kennebec Twp. (M.109)



250

