



**NI 43-101 Technical Report  
On the Monster Lake South property**

**Hazeur Township  
N.T.S. 32G07  
Québec (Canada)**

**Prepared for  
Cannabix Technologies Inc.  
Formerly named  
West Point Resources Inc.**

**By  
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**January 5<sup>th</sup> 2015**

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## 1 Summary

Terrax Management (“Terrax”) was contracted on August 8<sup>th</sup> 2014 by West Point Resources Inc. (“West Point”), to complete a Technical Report (“the report”) for the Monster Lake South property (“the property”) in Québec, Canada, in compliance with National Instrument 43-101 and Form 43-101F1. The report is addressed to Cannabix Technologies Inc., (formerly named West Point Resources Inc.), a Canadian company listed on the Canadian Securities.

The property is located about 60 km south-west of the town of Chibougamau in the Hazeur Township, NTS 32G07, near the north edge of Caopatina Lake. The approximate UTM coordinate for the geographic center of the property are 520785 mE and 5482050 mN (zone 18, NAD83).

The Monster Lake South property comprises 6 active mining titles covering a total of 112.45 ha.

West Point has performed a program of four diamond drill hole in September 2014 for a total length of 1200 meters.

Based on the results obtained from the 2014 work program and the location of the property in an exploration hot spot, it is recommended to pursue exploration work on this property. Future exploration efforts should focus in deep drilling following a positive IP borehole survey investigation.

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## 2 Introduction and terms of reference

Terrax Management (“Terrax”) was contracted on August 8<sup>th</sup> 2014 by West Point Resources Inc. (“West Point”), to complete a Technical Report (“the report”) for the Monster Lake South property (“the property”) in Québec, Canada, in compliance with National Instrument 43-101 and Form 43-101F1. The report is addressed to Cannabix Technologies Inc., (formerly named West Point Resources Inc.), a Canadian company listed on the Canadian Securities. Terrax is an independent exploration consulting firm based in Rouyn-Noranda, Québec. The report was prepared for the purpose of providing an update for the Monster Lake South property, as well as recommendations for an exploration program. This report is required to complete qualifying transaction requirements with the Canadian Securities Exchange or TSX Venture Exchange.

This report reviews historical work on the property and compiles all the data needed to recommend an exploration program. Terrax consulted government databases for assessment reports and status of mining titles.

The author, Jeannot Théberge, B.Sc., P.Geo. wrote this report after reviewing data from previous reports and any information judged relevant, suitable and reliable. The author is a Qualified and Independent Person as defined by National Instrument 43-101. Technical support was provided by Michel Levesque (Terrax).

The author has a good understanding of mineral deposit exploration models for Archean gold deposits by virtue of having worked in such environment for at least 20 years. The author visited the property on August 11<sup>th</sup> 2014 and between September 15<sup>th</sup> to 24<sup>th</sup> during the diamond drilling campaign. The site visit allowed the author to find several old drill collar and the diamond drill campaign provide good information on rock, mineralization and structures.

This report uses both Imperial and Metric Systems for measures and lengths. Conversions from the Metric System to the Imperial System are provided below and quoted where practical. Many of the geologic publications and the more recent work assessment files now use the Metric System, but the older work assessment files almost exclusively referred to the Imperial System.

**Table 1: Units and abbreviations**

Abbreviation	Unit or Term
Ag	Silver
Au	Gold
cm	Centimetre
m	Metre
°C	degree (degrees) Celcius
ddh	diamond drill hole
ft	foot (feet)
g	Gram
ha	Hectare
km	Kilometre
MRNF	Ministère des Ressources Naturelles et de la Faune
%	Percent
ppb	parts per billion
ppm	parts per million
N	North
S	South
E	East
W	West
Oz/ton	Ounce per ton
Oz	Ounce
g/t	gram per tonne
\$	Canadian dollar

Conversion factors utilized in this report include:

1 inch (in) = 2.54 centimetres (cm)

1 pound (lb.) = 0.454 kilograms (kg)

1 foot (ft) = 0.3048 metres (m)

1 troy ounce per short ton (oz/ton) = 34.2857 gram/metric tonne (g/t) = 34.2857 ppm

### 3 Reliance on other experts

The author, a qualified and independent person as defined by National Instrument 43-101, was contracted by the issuer to study technical documentation relevant to the report and provide an update on the Monster Lake South property, and to recommend a work program if warranted. The author has reviewed the mining titles, their status, any agreements and technical data supplied by the issuer, and any public sources of relevant technical information.

Information about the mining titles and option agreements were supplied by Rav Mlait, CEO and Director of West Point. Terrax is not qualified to express any legal opinion with respect to the property titles or current ownership and possible litigation.

Many of the geological and technical reports for the projects in the vicinity of the Monster Lake South project were prepared before the implementation of National Instrument 43-101 in 2001 and Regulation 43-101 in 2005. The authors of such reports appear to have been qualified, and the information prepared according to standards that were acceptable to the exploration community at that time. However, the data are incomplete in some cases and do not fully meet the current requirement of regulation 43-101. The author of this report is therefore not responsible for information provided from such sources, although there is no known reason to believe that any information used in the preparation of this report is invalid or contain misrepresentations.

The author believes the information used to prepare the report and formulate its conclusions and recommendations is valid and appropriate considering the status of the project and the purpose for which the report is prepared.



## 4 Property description and location

### 4.1 Location

The property is located about 60 km south-west of the town of Chibougamau in the Hazeur Township, NTS 32G07, near the north edge of Caopatina Lake, figure 1 and figure 2. The approximate UTM coordinate for the geographic center of the property are 520785mE and 5482050mN (zone 18, NAD83).

### 4.2 Mineral titles status

The Monster Lake South property comprises 6 active mining titles covering a total of 112.45 ha. The claims are grouped into two blocks of contiguous claims figure 3, Table 2 list the active mining titles.

On February 7, 2014, an agreement was reached between West Point (“the Purchaser”) and Junita Tedy Asihto (“the Vendor”) regarding 6 mining titles that constitute the Monster Lake South property. The hole HO-92-06 showing occurs within those 6 claims.

The agreement stipulates that West Point purchase 100% of the property. As consideration, the Company paid CAD \$7,800 in cash and issued 300 000 common shares of West Point. The property is subject to a 2% net smelter returns (“NSR”) royalty payable by the company. Payments of the NSR interests shall begin nine months after the property is deemed to be in commercial production. In the annual financial statements dated April 30<sup>th</sup> 2014, all payments have been done to vendor.

According to the GESTIM database (Québec’s claim management system), all the mining titles comprising the Hazeur property are currently registered to West Point Resources Inc. at 100% and all claims are in good standing.

There are no liens or charges that appear to be registered against the Monster Lake South property.

Terrax is not qualified to express any legal opinion with respect to the property titles or current ownership and possible litigation.

**Table 2: Monster Lake South Property Claims**

NTS Sheet	Title #	Expiry date	Area (ha)	Title holder
32G07	2290060	2016-01-18	15.90	West Point Resources Inc.
32G07	2273684	2016-01-18	9.57	West Point Resources Inc.
32G07	2273685	2016-01-18	24.18	West Point Resources Inc.
32G07	2273686	2016-01-18	30.31	West Point Resources Inc.
32G07	2282604	2016-01-18	16.41	West Point Resources Inc.
32G07	2273683	2016-01-18	16.08	West Point Resources Inc.

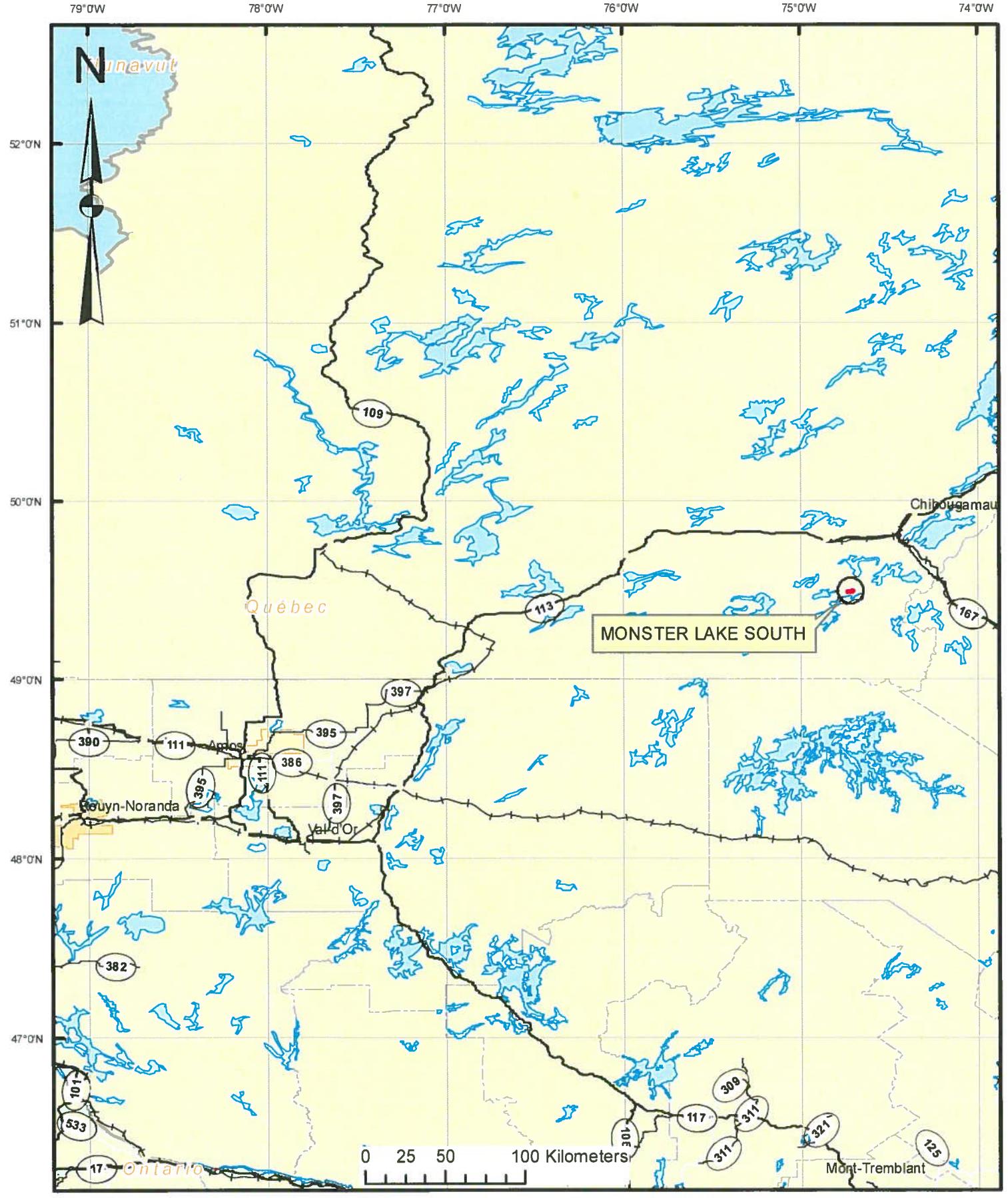


Figure 1

# MONSTER LAKE SOUTH GENERAL LOCATION MAP

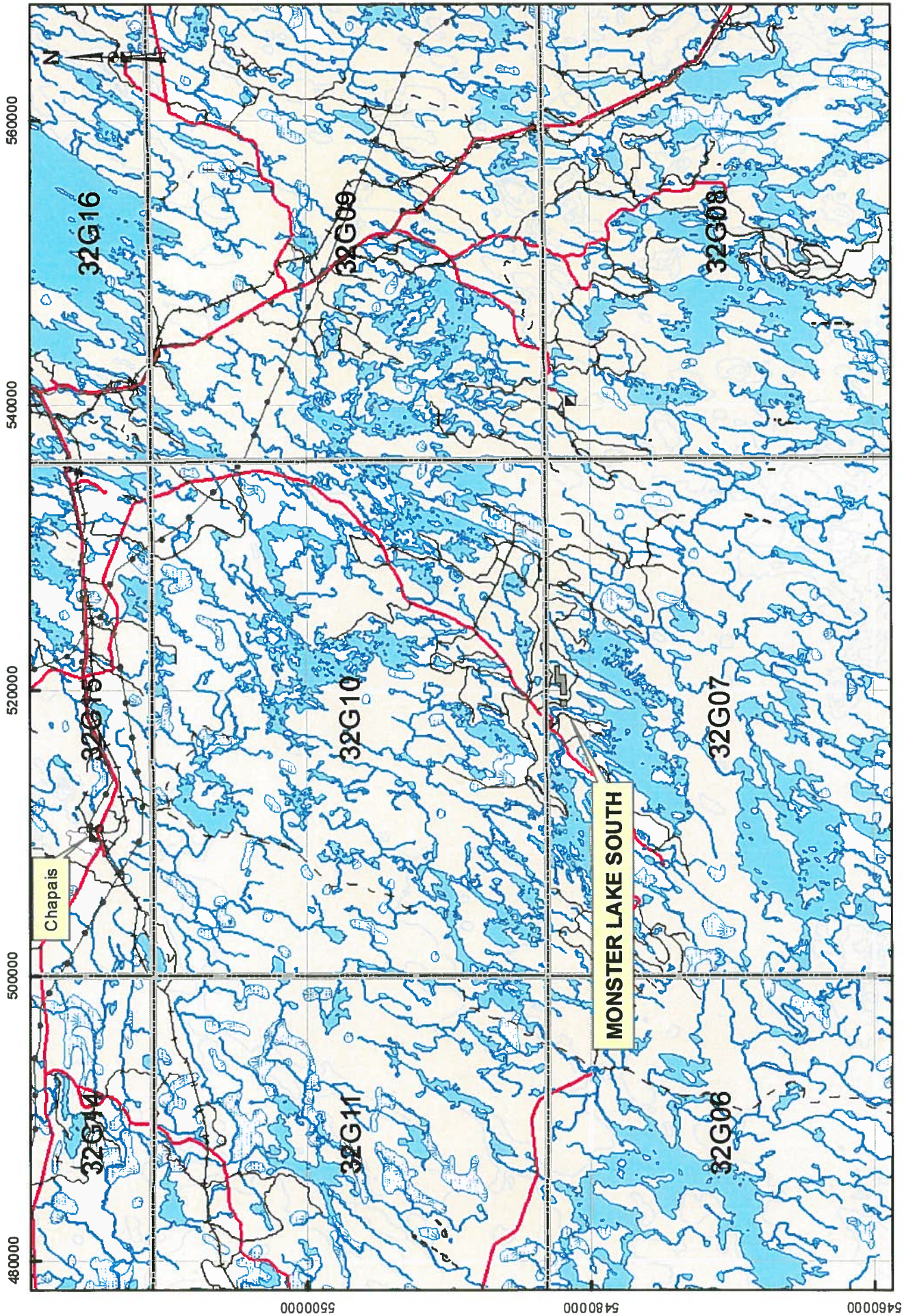


Figure 2 **MONSTER LAKE SOUTH**  
**LOCATION MAP**



Coordinate System: NAD83 UTM, Zone 18 North, Meter  
Projection: Transverse Mercator  
Datum: North American 1983

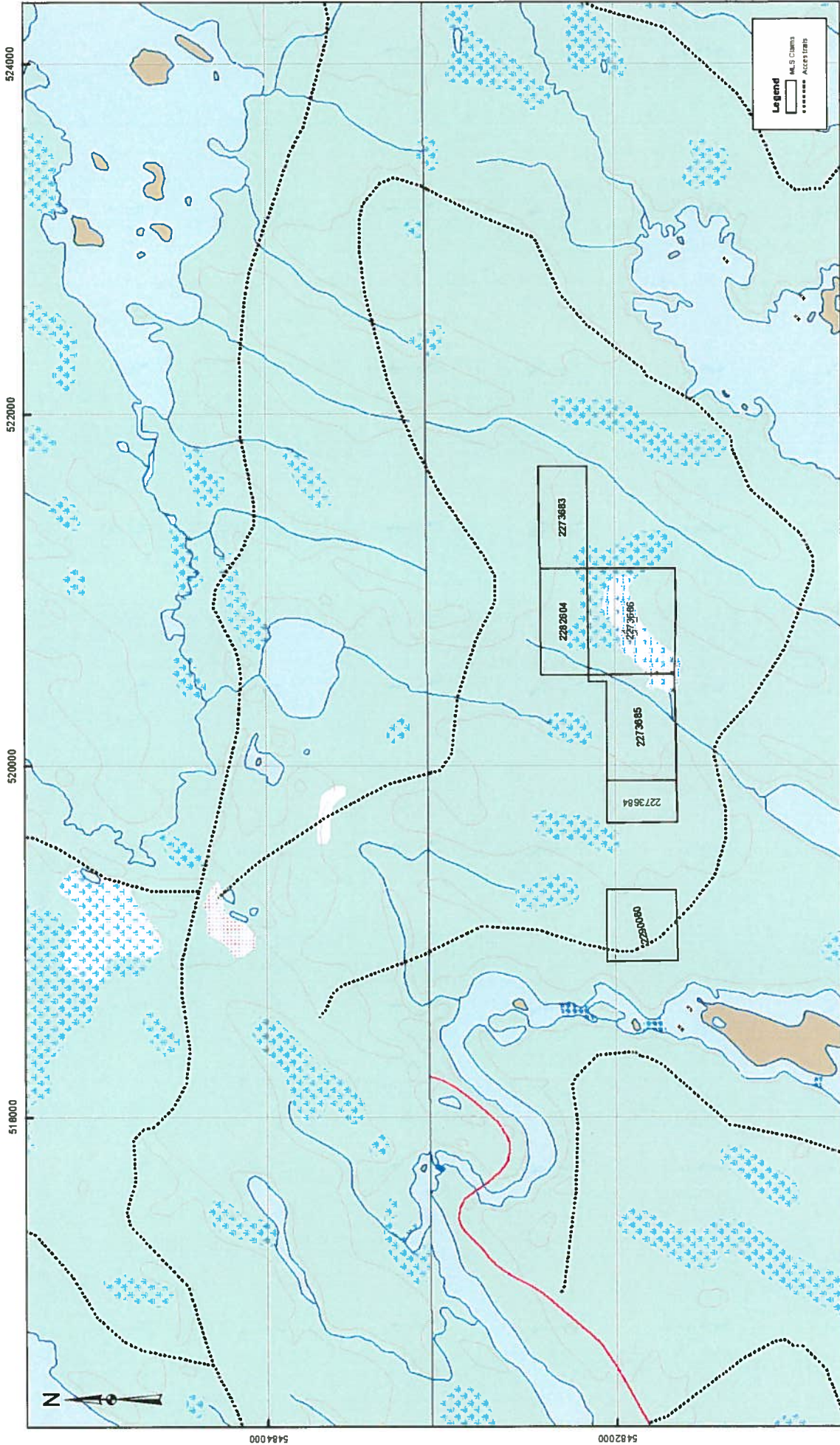
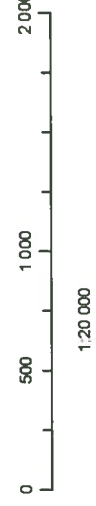


Figure 3 **Monster Lake South**  
**MINING CLAIMS**

Date: 2014-08-14



32G07 / 32G10 NAD 1983, CSRS, UTM Zone 18N

## **5 Accessibility, climate, local resources, infrastructure and physiography**

### **5.1 Accessibility**

The property is located about 60 km south-west of the town of Chibougamau in the Hazeur Township, figure 1. The claim block is easily accessible by road, using the main lumber road from the Barette Chapais mill toward km 36 post, figure 2. A secondary lumber road gives us access to the south of the property.

### **5.2 Climate**

The climate of the area is temperate with warm to hot summers, cold winters, and a moderate average annual precipitation. Summer weather is usually in the 20° C range with little precipitation. Winters are cold, with temperature averaging -20° C, but it can get as low as -35° C for periods of couple of weeks at a time. Exploration is possible throughout the year.

### **5.3 Local Resources and infrastructure**

The town of Chibougamau has a population of some 8000 people and local exploration and mining firms can provide trained labor, supplies, equipment and maintenance. All the major services are available in Chibougamau or in Val d'Or.

The property is located near two provincial roads: Provincial road 113 connecting the Abitibi-Témiscamingue region to Provincial road 167 toward the Saguenay-Lac-St-Jean region. Electrical power transmission line is found a few km north of the property and abundant sources of water are found locally. The Chibougamau-Chapais regional airport can accommodate large aircraft and provides regular air services from Montreal, Roberval and Val d'Or.

## 5.4 Physiography and Vegetation

The Monster Lake South property area is flat dominated by a large swamp area. The general elevation is less than 385 m. The overburden coverage is about 15m. Cold climate forest essentially represented by black spruce and birch covers the area.

Several forestry roads still exist on the property and in the surrounding areas.

## 6 History

The first exploration recorded in the sector was by Quebec Smelting & Refining Ltd in 1951 where we can see a geological map just south of the Monster Lake South property.(GM 02138)

In 1952 Hazeur Chibougamau Mine Ltd made a geophysical survey and trenching exposed a shear zone for a length of 230 feet and a width of 50 feet containing quartz veining mineralized with pyrite and galena. Values are low except for an assay of about 1 oz/ton Au reported from a bluish quartz stringer with visible gold. This vein is near the boundary between the Hazeur and Rasles Township 2km east of the property. (GM 02008, GM 1832-A)

Hazeur, Gamache, Fancamp and Rasles Township were subjected to intensive prospecting and exploration activity during the period 1953-1956, primarily induced by the discovery of the Chibex (now Joe Mann Mine) prospect in Rohault Township. The western portion of the Hazeur north area were tested by ground geophysical surveys, prospecting and drilling.(RP 284(A)

1953 Hazeur Chibougamau Mine Ltd drilled 6 holes (3002 feet), 2km east of the property. (No assays reported) (GM 01832-B). In 1956, they drills 7 more hole (740 feet, best intersection 22\$ over 10 feet)(GM 03900-B) and made a magnetic survey (GM 03900-A).

1954 Englewood-Chibougamau Mines Ltd magnetic and resistivity survey, west of the property (GM 03460-A, GM 03146) and diamond drilling in 1955( 3 hole for 2002 feet some copper and zinc values)(GM 03160).

1954 Riverside-Chibougamau Mines Ltd started some exploration program, 2 km to the west of the property. (GM 03046-A, GM 02910). In 1956, diamond drilling ( 4 hole, 2346 feet, best intersection 2 feet at 0.87 oz/ton Au, 1.36 oz/t Ag)(GM 03046-B).

Between 1959 and 1973 few work were done in the Township except for some geological and geophysical report of the old work (GM 04611, GM 13569, GM 16056, GM 28908) Siddeley, (GM 28909) report that Hudson Bay Mining & Smelting Co have made a E.M. survey covering a large block of ground passing right across the north part of Hazeur Townships and followed up, in 1969, with an unspecified amount of groundwork and drilling, with over 10,000ft of core stacked on the north shore of Coapatina Lake. Claims were allowed to lapse at the end of the first year without any assessment work being filed. This sector (about 2km east of the property) continued to be active during the 1973 to 1977 with Chibougamau Mining and Smelting Co Inc. doing some geological and geophysical report (GM 31149,

The area of the property was covered by regional airborne survey by Cominco in 1974 (GM 32742, GM 31615) and a geological report in 1976 (GM 32746, GM 32741). Portion of the property area were covered by cut grids and subjected to magnetic, HLEM and gravity surveys with inconclusive results.

In 1977, the area was covered by regional EM survey Input MK VI by the provincial government. Many anomalies were detected directly on the property (DP 496).

In 1984, Golden Tiger, Lac Winchester Project 323 claims, covering the entire present property was prospected and partly mapped (GM 41477, GM 42628, 42629). 4 holes were drilled, one of them, 84-4, was drilled 1.5km to the N-W of the property, no economic result were fund. In 1986 a total of 11 mineralized (up to 11.25 g/t Au) of siliceous diorite and quartz-carbonate-sulfide rock were located about 2km to the east of the property (GM 45015) and 12 diamond drill holes (GM 44982) were drilled (1750m) in the same area some anomalous gold result were fund. During the winter 85-86, 13 holes (3250.7 feet) were drilled (GM 43518) and another 61 holes (1944 feet) in reverse circulation (GM 43517). The RC holes are on the north side of the property looking for mineralization further north and useless for the Monster Lake South property. There is a till sample who have returned 14 890 ppb Au in hole R-36 on the north border of the property. During the same period a VLF-Mag-Maxmin was done (GM 43515).

In 1987, the Golden Tiger property is optioned to Golden Rock. Trenching, geophysics and 40 holes (8559.5m) are done that year (GM 45432). 4 holes were done north of the R-36 to find the source of this till sample with no result.

In 1991, Homestake drilled 7 holes (1043 m). From those holes, 2 were done directly on the present property; H-91-06 and H-91-07. H-91-07 confirmed the presence of a series of variably sheared gabbro sills in a sequence of mafic flows with subordinate siliceous



sedimentary rocks. Anomalous gold concentrations up to 0.41 g/t Au across 1.0 meter were intersected in sheared portions of the gabbro, and peak gold concentration of 2.13 g/t Au across a core length of 1.4 meters was intersected in a discordant quartz-tourmaline vein within the gabbro (GM 50625).

In fall 1991, Westminer Canada Ltd took the project and made a geochemical program (GM 51740). An excellent primary target was defined on the property (magnetic high transected by regional break in the vicinity of a major cross-structure) and was further evaluated by geophysics (mag-IP)(GM 51650) and drilling including 16 diamond drill holes (3222 m) (GM 51369, GM 51738). Hole HO-92-06 returned the best intersection with 5.39 g/t Au over 8.0 meter. After that Westminer optioned ground to the east and south and made 3 winters drilling campaign with mitigate result (GM 51990, GM 51991, GM 51992).

## 7 Geological setting

### 7.1 Regional geology

The Monster Lake South property is located in the south-eastern part of the Matagami-Chibougamau Archean greenstone belt, Abitibi Sub-Province of the Archean Superior Province of the Canadian Shield Craton.

Most of this section was borrowed and modified from De Chavigny (1992), which provides a thorough description of the regional geology.

That southern part, also called the Caopatina-Desmaraisville segment, is bounded to the east by the Grenvillian Front. The stratigraphy of the Caopatina-Desmaraisville belt, from the base to the top, consists of the Obatogamau Formation includes massive, brecciated to pillowed mafic flows and comagmatic more or less differentiated gabbroic sills. Minor sequences of interflow sediments including graphitic formational sediments are also interdigitated with mafic flows. A more felsic member occurs within the Obatogamau Formation: the "Lac des Vents" member, including felsic to mafic flows, pyroclastic and volcanoclastic sediments. The Obatogamau Formation is overlain by the Caopatina Formation, a sedimentary sequence including feldspathic waxes, siltstones, mudstones (turbidites) with minor mafic flows and gabbroic sills. The greenstone belt is also intruded by numerous early to late felsic to intermediate intrusions. The Kenoran orogeny has deformed these lithologies into EW isoclinal folds which are associated with the regional foliation and greenschist facies metamorphism. Higher metamorphic grade is met in the vicinity of the Grenvillian Front and near late plutons. Structurally the greenstone belt is also affected by numerous regional EW breaks (deformation corridors) often marking the contact zone between different geological domains. The Guercheville system is one of them and can be traced along strike for over 80 kilometers with numerous sub-parallel branches showing an anastomosing pattern. The corridors are characterized by the development of a strong S2 fabric within zones of highly strained rocks. Alteration package developed along the structure includes chlorite-calcite from the outer zones, with generally anomalous gold-arsenic values. The Guercheville system is also characterized by strong vertical lineation.

In term of economic potential for the system, the Guercheville is the host of the following gold deposits: Bachelor, Joe Mann, Lac Shortt and Phillibert.

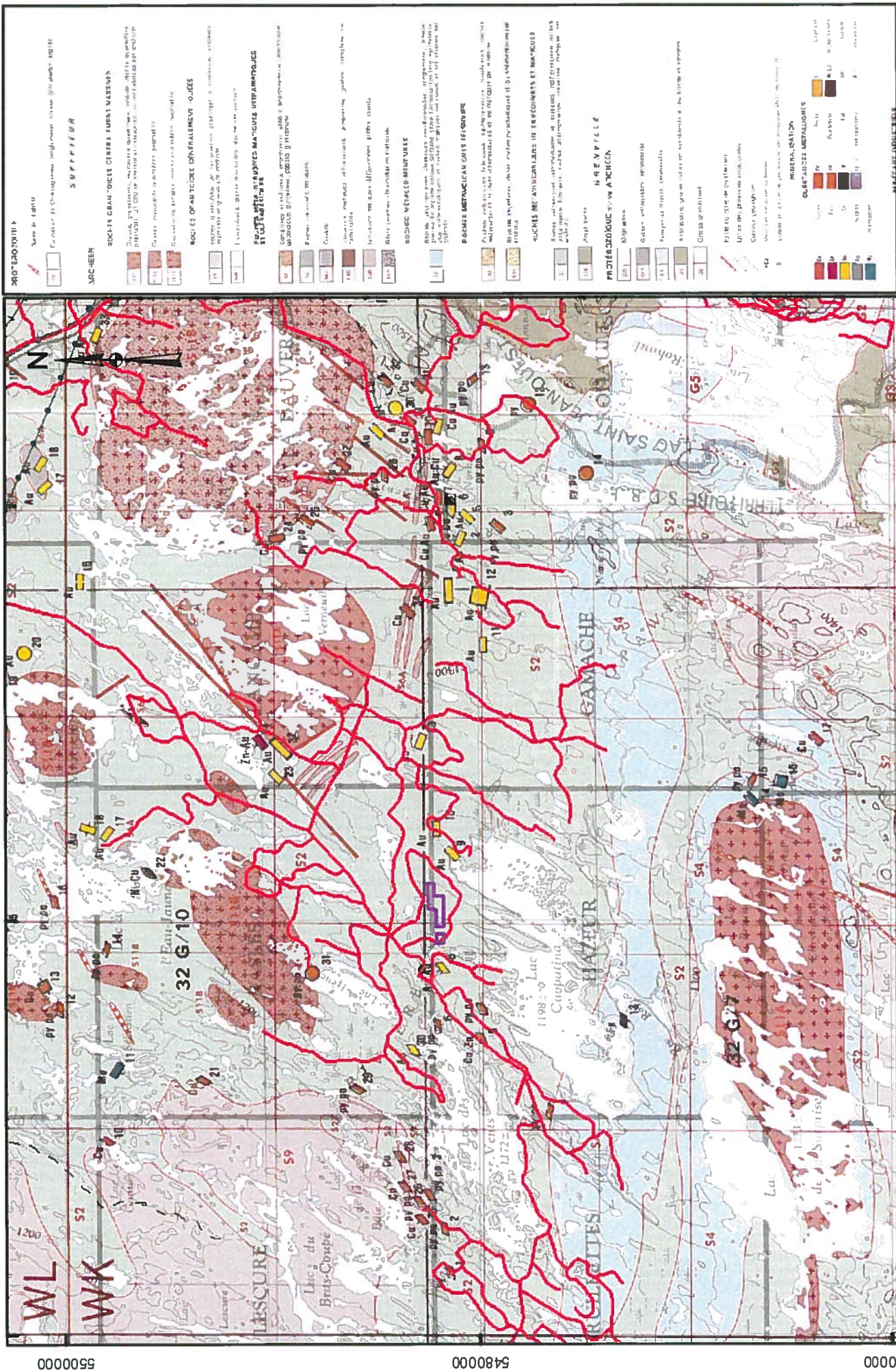


Figure 4 **MONSTER LAKE SOUTH PROPERTY**  
**REGIONAL GEOLOGY**

32G07 / 32G10



## 7.2 Geological setting of the Hazeur property

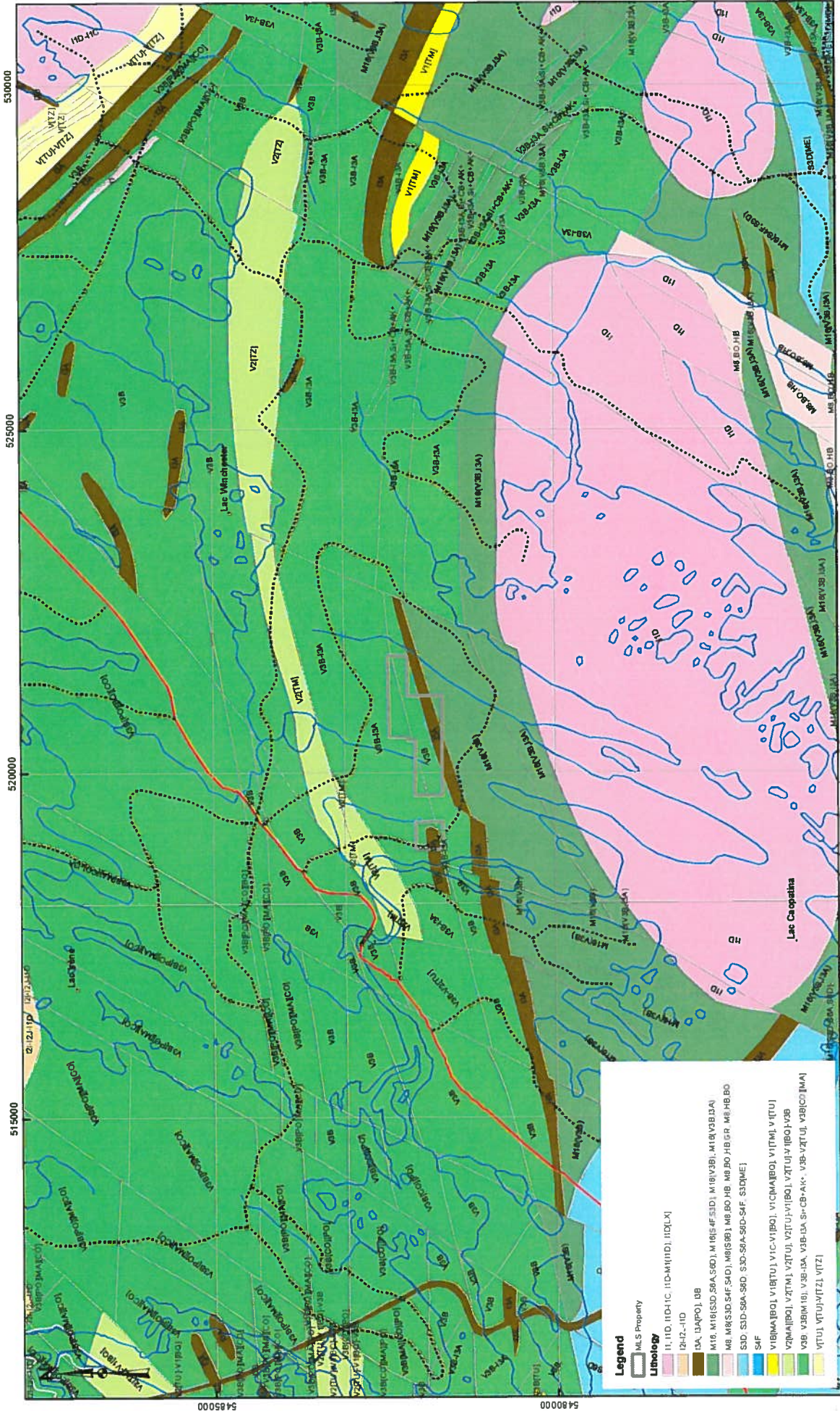
The geology of the property is mainly known from geophysics and number of diamond drill holes carried out by Westminer Canada Ltd and Homestake. The property is notably characterized by its lack of outcrop and by its thick glaciated overburden blanket represented by boulder till ( 7-18 meters thick). Geophysically speaking three domains have been recognized on the property and described as follow:

- 1- High magnetic features represent mafic intrusions consisting of differentiated magnetic gabbroic sills.
- 2- Flat to low magnetic feature represent mainly mafic volcanic flows with minor non-magnetic mafic intrusions and non-conductive interflow sediments related to the Obatogamau Formation.
- 3- Highly conductive feature represents a formational graphitic interflow unit including volcanogenic sediments.

Based on drill holes information, the main high magnetic feature trending ENE over a strike length of 1 km corresponds to a differentiated gabbroic sill (Hazeur sill) with a moderate dip toward the NW (48-50) and facing the SE. The thickness of the sill ranges from 35 meter at the WSW end to locally 150 meters in the middle. The sill is surrounded essentially by mafic volcanics of the Obatogamau Formation with sporadic non-magnetic interflow sediments. The internal stratigraphy of the Hazeur sill has been characterized and is described schematically as follows, from base to the top.

- 1- Medium to coarse grained pyroxenite (locally  $\pm$  magnetic)
- 2- Pyroxenitic gabbro (dolerite), transition zone
- 3- Pegmatoidic gabbro (dolerite), transition zone
- 4- Medium grained, plagioclase rich dolerite (generally non-magnetic or slightly magnetic)
- 5- Granophyre (Quartz rich dolerite), strongly magnetic with up to 10-12% disseminated primary titano-magnetite and ilmenite.

All the lithologies of the Hazeur property have been affected by amphibolite grade metamorphism. Garnets were observed mainly in the granophyric unit and rarely within the pegmatoidic gabbro. No ganet was observed elsewhere within the mafic volcanic surrounding rocks.



**Monster Lake South  
GEOLOGICAL MAP (SIGEOM)**

Figure 5



1:50 000 32G07 / 32G10  
 Coordinate System: NAD83 UTM, Zone 18 North, Meter  
 Projection: Transverse Mercator  
 Datum: North American 1983



- Legend**
- MLS Property
  - Lithology**
  - 1I, 1D, 1D-C, 1D-M, 1D, 1D-C-X
  - 2H2-HD
  - 3A, 3A-PO, 3B
  - M18, M18(SD, S8A-S8D), M18(AF, S1D), M18(V3B), M18(V3B1A)
  - M8, M8(SD, S1F, S1D), M8(SB), M8(B), M8(B), M8(B), M8(B), M8(B), M8(B)
  - S3D, S3D-S8A-S8D, S3D-S8A-S8D-SAF, S3D(SM)
  - S1F
  - V18(M, 1B), V18(T), V1C-V18(B), V1C(M, 1B), V1C(M, 1B), V1C(M, 1B)
  - V2(T), V2(T), V2(T), V2(T), V2(T), V2(T), V2(T), V2(T), V2(T), V2(T)
  - V3B, V3B(M, 1B), V3B-3A, V3B-3A, V3B-3A, V3B-3A, V3B-3A, V3B-3A, V3B-3A, V3B-3A
  - V1(T), V1(T), V1(T), V1(T)

### 7.3 Structure

The geological units have been more or less affected by a strong deformation episode interpreted to be related to a regional deformation zone belonging to the southern branch of the Guercheville system. Two sub-parallel ENE regional breaks, part of the same corridor occur on the property. The north one is closely related to a formational conductive graphitic layer located within interflow sediments, part of the Obatogamau's stratigraphic package. The south one is sub-concordant to the Hazeur sill with an average thickness of 130m and zones of highly strained rock are separated by less strained zones characterizing an anastomosing pattern well documented in the Guercheville system. Depending on the competency of the geological units traversed by the shear, the stress regime change from ductile-brittle to brittle-ductile. The pyroxenitic members of the sill are deformed in a more ductile manner than the iron rich more competent granophyric unit which is deformed in a more brittle way. From the cross section examination, the sill seem to be slightly folded and that folding episode seems to be responsible for the garnet development within the granophyre. According to some petrological observation made by De Chavigny (1992), folding episode appears to be pre-gold mineralization and represents possibly a pre-shearing event but certainly has played an important role for the development of dilatancy zones within the granophyric unit, which represents a chemically iron rich trap, and mechanically a competent unit. The flexure observed within the Hazeur sill and plunging shallowly (13 degrees) toward the WSW is related to a drag fold located on the south limb of a more regional overturned anticlinal structure.

## 8 Deposit types

Dion and Simard in MB 99-33 have already defined four types of gold mineralization occurring in the area covered by the property. We mainly favour the type Alb (Philibert type), weak disseminated pyrite mineralization associated with shear zones intersecting east-west volcanic rocks and associated mafic intrusions. The Philibert deposit is located in an altered gabbro, the same kind of lithology as found on the Monster Lake South property.

## 9 Mineralization

The gold bearing mineralized zones found within the Hazeur sill are of replacement type and are particularly well developed within a chemically iron rich strongly competent unit represented by the granophyric member of the sill. The mineralization consists of sulphidized (2-10% combined Po-Py as disseminations and veinlet) strongly silicified and carbonatized (calcite-ankerite) sub-parallel zones ranging in width from 0.5 m to up to 11 meters, forming more or less continuous lensoid bodies traceable over about 450 meters in strike length.

Sulphides form a relatively simple suite of minerals associated with native gold. Primary monoclinic (magnetic) pyrrhotite and pyrite form the primary sulphide assemblage. Rare traces of chalcopyrite, sphalerite and arsenopyrite occur as accessories ( Page M.L. 1992).

Oxidation has commonly converted pyrrhotite to supergene mineral consisting of secondary pyrite, marcasite and melnikovite pyrite. Primary magmatic oxides (titanomagnetite and ilmenite) from the iron rich granophyre (8-12%) have been partially to completely replaced by the sulphide assemblage pyrrhotite-pyrite showing a strong decrease of the magnetic susceptibility within the mineralized zones compared to the unmineralized granophyric host unit. Native gold is present within the mineralized zones and as a strong association with sulphides and calcite, usually at the edges of sulphide or within carbonate.

## 10 Exploration

West Point has performed a program of four diamond drill hole in September 2014 for a total length of 1200 meters. This exploration item will be discussed in chapter 11.

## 11 Drilling (2014)

West Point has performed a program of four diamond drill hole in September 2014 for a total length of 1200 meters. The drilling was completed by Forage Nordic of Val d'Or (Québec). The assay work was completed by Actlabs Laboratory in Ste-Germaine (Québec). The supervision of the exploration work completed in 2014 was done by the author. Those diamond drill holes were completed on the main showing of the property.

### 11.1 Data

Four (4) diamond drill holes were completed on the main showing in order to validate and verify the lateral extension of previous drill holes and understand the distribution of the gold in the system. Drilling was completed using appropriate Quality Assurance and Quality Control (QA/QC protocol) with duplicates, blanks and standards. A total of 1200 m were drilled.

**Table 3: 2014 Diamond Drill Hole Campaign Collar Information**

DDH #	East UTM	North UTM	Azimuth	Dip	Length (m)
WP-14-01	520460	5481873	165°	-70°	300
WP-14-02	520534	5481986	165°	-53°	300
WP-14-03	520639	5481982	165°	-60°	300
WP-14-04	520639	5481982	165°	-50°	300

Drill holes were supervised, logged and sampled by the author. A total of 277 core samples and 29 QA/QC control samples were collected. The table below presents the most significant intersections (see appendix 1 for complete results).



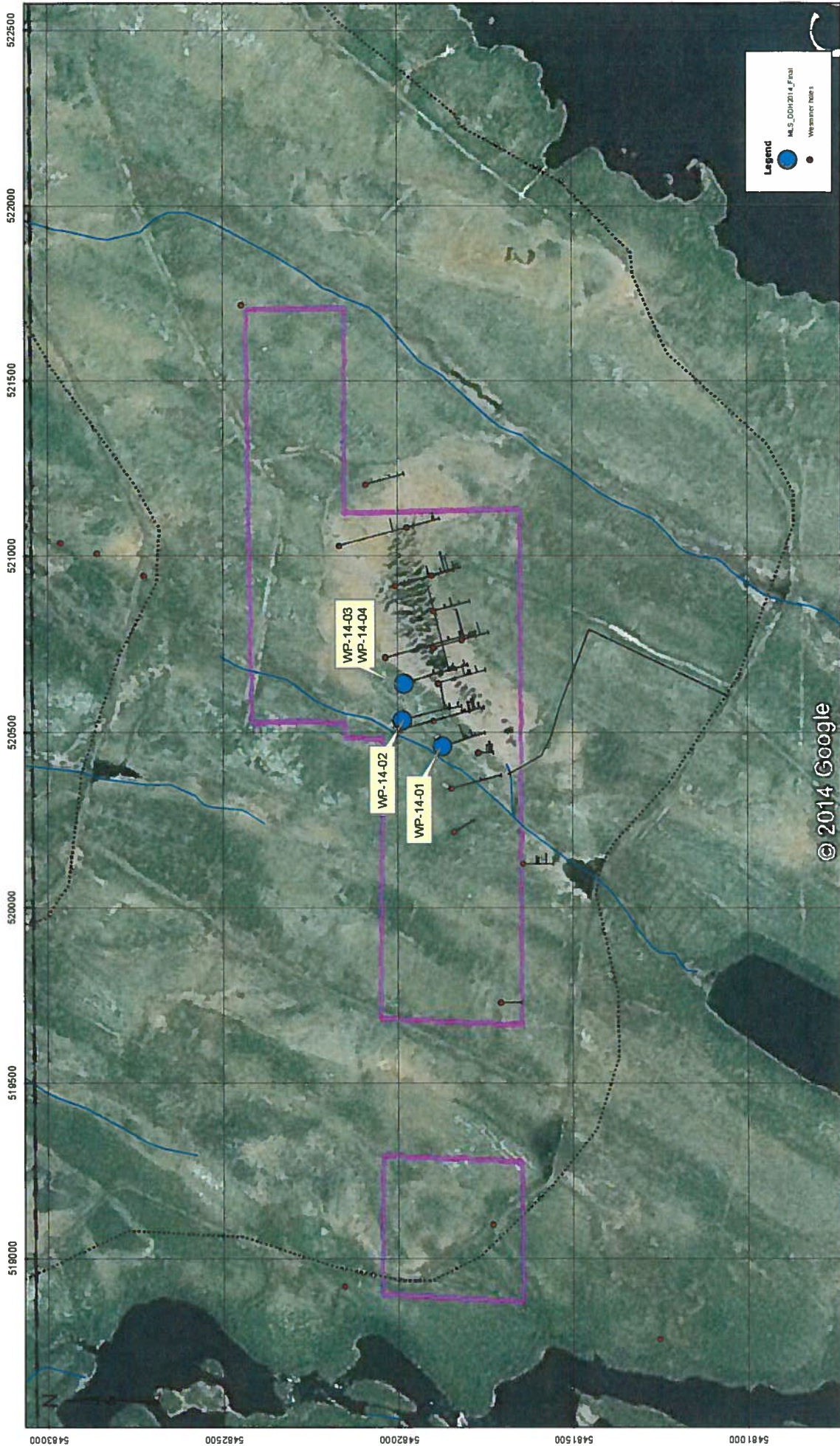


Figure 6 **Monster Lake South**  
**2014 DDH LOCATION**

© 2014 Google  
32GG7 NAD 1983, CSRS, UTM Zone 18N



## 11.2 Results

Gold values were obtained in all holes. The best intersection, 24546 ppb Au (208.50 m to 209 m), came from the hole WP-14-04. The gold mineralized zones are for the majority of the time associated with shear zones within mafic intrusive. Some nice zones of mineralization, pyrite + pyrrhotite, were disappointing in terms of their gold content. We also noticed that in some places we had the presence of centimetric sulphide veins in the core axis.

The results of the 2014 drilling program are consistent with those obtained in previous years but do not demonstrate this enrichment zone that Westminer predicted.

**Table 4: Best Gold Intersection 2014 DDH Campaign**

<b>Best Au intersection &gt; 1g/t</b>				
<b>Au</b>				
<b>2014 DDH</b>				
<b>HOLES #</b>	<b>FROM metre</b>	<b>TO metre</b>	<b>LENGTH metre</b>	<b>Au g/t</b>
WP-14-01	160.71	161.16	0.45	4273
WP-14-01	161.16	162.00	0.84	2381
WP-14-01	177.00	178.00	1.00	1255
WP-14-01	215.50	216.60	1.10	1770
WP-14-02	214.75	216.00	1.25	7661
WP-14-02	241.92	242.42	0.50	1320
WP-14-02	283.38	284.60	1.22	1270
WP-14-03	213.75	214.75	1.00	1252
WP-14-03	289.67	290.00	0.33	1585
WP-14-04	139.25	140.00	0.75	1196
WP-14-04	208.50	209.00	0.50	24546
WP-14-04	284.78	285.40	0.62	1659

**Table 5: Best Gold Intersection, Historical holes**

<b>Best Au intersection</b>				
Historical holes				
<b>HOLES #</b>	<b>FROM</b>	<b>TO</b>	<b>LENGTH</b>	<b>Au</b>
	<b>metre</b>	<b>metre</b>	<b>metre</b>	<b>g/t</b>
H-91-07	67.80	69.20	1.40	2.13
HO-92-01	32.60	35.40	2.80	2.20
HO-92-01	43.30	45.00	1.70	3.17
HO-92-01	53.90	56.40	2.50	2.46
HO-92-02	54.00	54.60	0.60	2.01
HO-92-02	60.50	60.80	0.30	1.58
HO-92-02	92.50	93.20	0.70	2.57
HO-92-04	37.60	39.10	1.50	1.22
HO-92-04	54.60	55.00	0.40	5.62
HO-92-04	67.50	69.40	1.90	3.89
HO-92-04	91.10	92.70	1.60	2.08
HO-92-04	98.20	109.60	11.40	1.04
HO-92-05	34.10	35.40	1.30	0.99
HO-92-05	53.00	59.50	6.50	1.40
HO-92-05	75.60	76.10	0.50	3.57
HO-92-06	118.00	119.30	1.30	1.16
HO-92-06	120.90	122.30	1.40	0.91
HO-92-06	123.80	127.20	3.40	1.24
HO-92-06	127.20	131.80	4.60	8.46
HO-92-06	159.10	163.90	4.80	1.42
HO-92-06	166.10	168.30	2.20	1.24
HO-92-07	299.50	301.00	1.50	1.03
HO-92-07	349.55	350.07	0.52	1.58
HO-92-08	174.00	175.50	1.50	3.11
HO-92-10	160.70	163.00	2.30	2.54
HO-92-10	176.70	178.80	2.10	3.18
HO-92-10	180.70	181.70	1.00	1.92
HO-92-10	199.70	201.50	1.80	1.54
HO-92-12	106.55	107.70	1.15	2.27
HO-92-14	123.00	123.90	0.90	2.13
HO-92-14	142.50	143.00	0.50	1.14
HO-92-14	145.60	150.10	4.50	1.20
HO-92-14	180.50	180.80	0.30	1.80
HO-92-15	146.65	147.40	0.75	1.05
HO-92-15	154.00	155.15	1.15	2.37
HO-92-16	266.90	267.50	0.60	3.49

## 12 Sampling method and approach

The drill core sampling method and approach was established by Terrax Management. The drill core is boxed, covered and sealed at the drill rig and moved to the side of the gravel road by the drillers where they are piled on the ground. The author has transported the drill core boxes to the core shack in Rouyn-Noranda.

After being examined and described (logged), the core is sampled according to an established protocol. The core of the selected section is first cut in half using a circular rock saw, with one half put aside for eventual shipment to the laboratory. The second half of the core is then put back in its place in the core box, and tag bearing the same number is placed at the end of the sawed core forming the sample length. Core sample intervals are selected based on the presence of favourable geological units and placed into sample bags before being shipped to the assay lab.

Most core sample range from 0.10 to 1.50 meter long. Every unit with sulfur mineralization was systematically sampled. Based on the author's observation of the core, samples collected by diamond drilling are generally intact with little possibility of loss due to wash out and are considered to be of good quality. Overall, the drill core sample recovery from mineralized zones is considered representative.

There is no indication of anything in the drilling, core handling and sampling procedures, or in the sampling methods and approach that could have had a negative impact on the reliability of the reported assay results.

For the historic drilling, none of the reports reviewed while preparing this report, described the sampling method and approach used for the drill core sampling. As no information is available, the author cannot comment on the sampling method and approach.

## 13 Sample preparation, analyses and security

Circée core logging facility in Rouyn-Noranda was used for the drilling program. Sample preparation, analyses and security protocols for West Point's program were defined by Terrax Management. Assays were performed at the independent and accredited Actlabs laboratory in Ste-Germaine-Boulé, Québec (Techni-Lab S.G.B. Abitibi Inc.).

After being logged and sampled at Circée facility in Rouyn-Noranda, the samples are delivered to the laboratory by the author.

The laboratory delivered results in electronic format by e-mail sent uniquely to Jeannot Thériage. Assay results were then transferred directly into the West Point database.

There is no indication of anything in the core handling and sample preparation that could have a negative impact on the reliability of the reported assay results.

For the historic drilling, none of the reports reviewed while preparing this report, described the sampling preparation for the drill core. As no information is available, the author cannot comment on the sampling preparation, analyses and security.

## **14 Data verification**

The author has visited the property during the drilling campaign and ensured that the previous drilling was done by locating old drill casing but for the reasons provided in item 12.0 and 13.0, the author was unable to verify the data. As the historic drill core was destroyed or impossible to locate and only reports and drill logs are available, it is impossible to verify the data. As the exploration work was performed before West Point acquired the property, this situation is completely beyond its control, and simply reflects the norm prior to the introduction of NI 43-101 in 2001. However, West Point drilled four holes and the author observed that the geology correspond to the previous owner's description of the Hazeur property.

During a field visit some old drill casing were found. Hole HO-92-06 is in the same section as the HO-92-07 and not as placed in the MRNF database.

## **15 Adjacent properties**

The Monster Lake South property is completely surrounded by Visible Gold property. The property is located within the Tomagold-Iamgold (Monster Lake showing), Vanstar (Liam-Nelligan showing) and SOQUEM (Philibert deposit). This zone is currently one of the most active exploration sector in Québec.

## **16 Mineral processing and metallurgical testing**

No mineral processing or metallurgical testing has been conducted on the Monster Lake South property.

## **17 Mineral resource and mineral reserve estimates**

No mineral resource estimate has been conducted on the Monster Lake South property

## **18 Other relevant data and information**

There is no other relevant information to be included in this report.

## **19 Interpretation and conclusions**

Previous work on the property has outlined several gold bearing features, the main one being the main showing (Redess showing), which is also the main subject of this report. Until now, it has been probed by holes drilled by Homestake in 1991, Westminer Canada in 1992 and by West Point in 2014.

A four holes diamond drilling program took place in the fall of 2014 on the Monster Lake South property to investigate the showing at depth and laterally and to better define the geometry of the gold bearing zone.

All four holes from the 2014 drilling campaign investigated the main showing (Redess showing) and each of these intersected some gold mineralization but do not demonstrate this enrichment zone that Westminer predicted.

Several mineralized zones are present in this showing but the possibilities of discovering a surface economic zone seems slim. The possibilities remain open at depth.

## 20 Recommendations

Based on the results obtained from the 2014 work program and the location of the property in an exploration hot spot, it is recommended to pursue exploration work on this property. Future exploration efforts should focus in deep drilling following a positive IP borehole survey investigation.

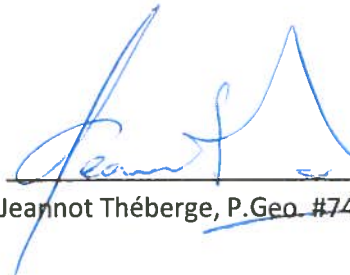
Phase 1	
Localisation of casing	5 000.00 \$
Geophysic IP Borehole survey	20 000.00 \$
total	25 000.00 \$


Phase 2	
750m of NQ drilling all included	100\$/m 75 000.00 \$

## 21 Signature page

All of which is respectfully submitted for your information and consideration.

Rouyn-Noranda, Québec  
January 5, 2015

  
Jeannot Th  berge, P.Geo. #740 OGQ



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## **23 Additional requirements for technical reports an development properties and production properties**


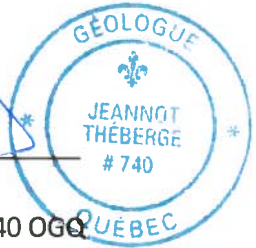
There is no other relevant information to be included in this report.

## 24 Certificate of author

I, Jeannot Théberge, P.Geo #740 OGQ, do hereby certify that:

- 1- I am a consulting geologist and the President of:  
Services Géologiques T-Rex Inc.  
20, 17<sup>e</sup> rue  
Rouyn-Noranda, Qc, J9X 2L3.
- 2- I graduated from the University Laval with a B.Sc. Geology in 1993.
- 3- I am a member in good standing of the l'Ordre des géologues du Québec (OGQ), #740.
- 4- This certificate applies to the Technical Report entitled "NI 43-101 Technical Report on the Monster Lake South property". This Report was written for Cannabix Technologies Inc. and dated January 5, 2015.
- 5- I have worked as a geologist for over 20 years since my graduation. I have been involved on a variety of gold exploration and production properties.
- 6- I am responsible for all sections of the Technical Report titled "NI 43-101 Technical Report on the Monster Lake South property".
- 7- I have read NI 43-101 and the 43-101 F1 form and related appendices and that the Technical Report has been prepared in compliance with the National Instrument 43-101.
- 8- I am independent of the issuer Cannabix Technologies Inc, (formely named West Point Resources Inc.) applying all of the tests in section 1.4 of NI 43-101.
- 9- I fulfill the requirements to be a "qualified person" as defined in the National Policy 43-101.
- 10- I have visited the Hazeur property on August 11<sup>th</sup> 2014 and between September 15<sup>th</sup> to 24<sup>th</sup> during the diamond drilling campaign.
- 11- I consent to the filling of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication.

Dated this day January 5, 2015

Jeannot Théberge P.Geo. #740 OGQ

---

## **APPENDIX 1**

2014 Log

## West Point

**Sondage :** WP-14-01

Titre minier : 2273685

Canton : Hazeur

Section :

Rang :  
Lot :

Place de travail :

Foré par : Forage Nordic

Descrit par : Jeannot Theberge

Du : 2014-09-15

Date de description : 2014-11-05

Au : 2014-09-17

Collet

UTM Nad83 Zone 18

Azimut : 165.00°

Plongée : -70.00°

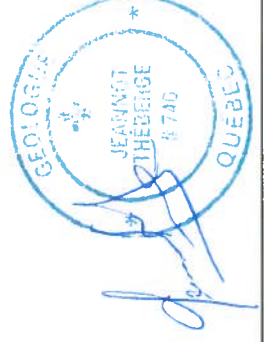
Longueur : 300.00 m

Est	520 460.0
Nord	5 481 873.0
Élévation	381.0

Déviations

Type	Profondeur	Azimut	Plongée	Invalide	Description
Flexite	51.00	162.60°	-65.80°	Non	mag:55770
Flexite	102.00	162.50°	-64.70°	Non	mag:55626
Flexite	150.00	160.10°	-64.50°	Non	mag:55613
Flexite	201.00	159.70°	-64.50°	Non	mag:56220
Flexite	252.00	166.20°	-64.40°	Non	mag:54937
Flexite	300.00	165.30°	-64.10°	Non	mag:55316

Description



Dimension de la carotte :

Carotte NQ

Cimenté : Non

Entreposé : Oui

# West Point

		Description	Analyse					
			De	A	N° d'échantillon	Longueur	Au (ppb)	
0.00	9.60	OB Overburden Overburden (Casing left)						
9.60	68.58	V3 Mafic Volcanic Dark green-grey, generally aphanitic to fine grained. Moderate to strong fracturation (about 30 fractures by box). Non-magnetic rock except for a small section between 38.75m and 38.90m. Average C.A. 65-70°. Several veins of quartz carbonate C.A. 65-70°.	18.37	19.00	55251	0.63	89	
		V3 Mafic Volcanic several veins and stringers of quartz carbonate C.A. 80-85°, trace of Pyrrhotite.	20.22	20.82	55252	0.60	<8	
		V3 Mafic Volcanic Stringers of quartz carbonate in mafic volcanic with a black mineral (hornblende) and chlorite C.A. 75-80°.	23.06	23.61	55253	0.55	<8	
		VEI:20::75°-Po01; Vein 20 75° Pyrrhotite 1% White grey quartz carbonate vein C.A. 75° trace of pyrrhotite.	23.31	23.52	55254	0.40	<8	
		V3 Mafic Volcanic Quartz carbonate stringers with black minerals (Hornblende) and chlorite in mafic volcanic.	24.73	24.90				
		V3 Mafic Volcanic Several calcite-quartz schist bands (pillows rims relic?).	26.00	27.25				
		V3 Mafic Volcanic Carbonate stringers with black minerals (Hornblende) C.A. 80°.	36.61	36.85				
		V3 Mafic Volcanic Carbonate zone with black minerals (hornblende) trace of pyrrhotite.	38.90	39.63				
		VEI:::70°-Po01; Vein 70° Pyrrhotite 1% Quartz carbonate vein with chlorite, trace -1% Pyrrhotite, C.A. 70.	41.50	41.75	55255	0.45	<8	
		V3 Mafic Volcanic Weak foliation with carbonate and sericite alteration, trace of pyrrhotite C.A. 45-80°.	42.00	47.00	55256	1.50	<8	
		V3 Mafic Volcanic More intensely fractured with carbonate stringers, one set concordant and the other one parallel to the core. C.A. 60-70°. From 52.40 to 52.95m some pyrite with hornblende.	47.00	55.00	55257	1.00	<8	
			52.20	52.95	55258	0.75	<8	

# West Point

		Description	Analyse				
			D <sub>e</sub>	A	N° d'échantillon	Longueur	Au (ppb)
55.00	68.58	V3 <b>Mafic Volcanic</b> From 55m the carbonate stringers are less penetrative with alteration halo of few millimeters.	56.20	56.65	55259	0.45	<8
			56.20	56.65	55260 (Blin)	0.45	<8
			60.50	60.87	55261	0.37	32
60.59	60.78	VEI: 80°; P001; <b>Vein 80° Pyrrhotite 1%</b> Quartz carbonate shear vein with trace of pyrrhotite, C.A. 80°.	68.55	69.95	55262	1.40	<8
			68.58	92.00	TU3; V3 <b>Mafic Tuif; Mafic Volcanic</b> Alternation of mafic tuif with mafic volcanic zone, fine grained, non-magnetic, green-dark grey green.	0.45	<8
			70.40	71.25	55264	0.85	11
			70.40	71.25	55265 (Sid)	0.85	887
68.58	71.50	TU3 <b>Mafic Tuif 75°</b> Carbonated shear mafic Tuif C.A. 75-80° with trace of pyrite and pyrrhotite especially in the first half.					
71.50	73.26	V3 <b>Mafic Volcanic</b> Fine to aphanitic grained with 5% random carbonate quartz stringers.					
73.26	77.37	TU3 <b>Mafic Tuif</b> Tuif, fine grained green with some mafic volcanic zone.	77.30	78.00	55266	0.70	12
77.37	79.26	TU3 <b>Mafic Tuif 75°</b> Shear carbonate tuif C.A. 75-80° with sharp contact with black needle mineral (2-3%), trace of pyrrhotite.					
79.26	80.63	V3 <b>Mafic Volcanic</b> Generally aphanitic dark green, uniform semi-massive, 2-3% of carbonate veinlets.					
80.63	82.40	TU3; V3 <b>Mafic Tuif; Mafic Volcanic</b> Tuif or mafic volcanic medium grained with needle of black mineral.					
82.40	83.25	V3 <b>Mafic Volcanic</b> Fine grained mafic volcanic.					
83.25	84.57	V3; TU3 <b>Mafic Volcanic; Mafic Tuif</b> Tuif?? or mafic volcanic coarser grained.					
84.57	92.00	V3 <b>Mafic Volcanic</b> More fractured, RQD 10-15%, 3-5% quartz-carbonate veinlets. At 87.50m fine stringers of pyrite in 2 orientation, one parallel to the core and one concordant with the foliation (70-75°).	87.00	88.00	55267	1.00	<8
92.00	126.50	V3	99.00	99.35	55268	0.35	<8





West Point

Description		Analyse				
		De	A	N° d'échantillon	Longueur	Au (ppb)
140.40	144.90	140.40	141.70	55288	1.30	<8
		144.00	144.60	55289	0.60	16
		144.00	144.60	55290 (Sid)	0.60	6 024
		144.60	145.30	55291	0.70	288
144.90	147.00	145.30	146.08	55292	0.78	11
145.37	145.57	145.57				
145.88	146.04	146.04	147.00	55293	0.92	54
147.00	152.60	150.70	151.85	55294	1.15	<8
151.85	152.60	151.85	152.70	55295	0.85	<8
152.60	154.85	152.70	154.00	55296	1.30	68
154.85	164.68	157.50	159.00	55297	1.50	38
		159.00	159.86	55298	0.86	181
159.86	160.65	159.86	160.71	55299	0.85	215
		160.71	161.16	55300	0.45	4 273
		161.16	162.00	55301	0.84	2 381
		162.00	163.50	55302	1.50	438
		163.50	164.70	55303	1.20	21

West Point

		Description	Analyse				
			Dø	A	N° d'échantillon	Longueur	Au (ppb)
164.68	169.70	13A <b>Gabbro</b> Dark grey medium grained, silicified rock. Non-magnetic with some mineralized zone like 164.68m to 165.35m with 3-5% of fine pyrite.	164.70	165.40	55304	0.70	957
			165.40	166.50	55305	1.10	<8
			166.50	168.00	55306	1.50	<8
			168.00	169.50	55307	1.50	19
			169.50	171.00	55308	1.50	12
169.70	171.70	13A <b>Gabbro</b> Gabbro as above but magnetic with 2% of fine disseminated pyrite.	171.00	172.50	55309	1.50	79
	170.06	170.23 VEI:45°;Py Po;	171.00	172.50	55310 (Bin)	1.50	<8
		<b>Vein 45° Pyrite Pyrrhotite</b> White quartz vein with trace of pyrite and pyrrhotite. C.A. 45°.	172.50	173.00	55311	0.50	<8
171.70	172.80	13A <b>Gabbro</b> Same as above but non-magnetic, silicified and lighter grey. Fine disseminated pyrite 3-5%. Slightly hematized.	173.00	174.00	55312	1.00	42
172.80	177.10	13A <b>Gabbro</b> Same as above but magnetic, 3-5% of pyrite with silicified and carbonated zone +- hematite.	174.00	175.10	55313	1.10	142
	174.40	175.60 TU3 <b>Mafic Tuff</b> coarse grained.	175.10	175.75	55314	0.65	42
			175.10	175.75	55315 (Sig)	0.65	877
			175.75	177.00	55316	1.25	980
			177.00	178.00	55317	1.00	1 255
177.10	179.60	V3 <b>Mafic Volcanic</b> Carbonated and magnetic fine grained rock.	178.00	179.62	55318	1.62	166
179.60	182.50	V3 <b>Mafic Volcanic</b> Fine grained rock, non-magnetic with carbonated veinlets C.A. 80°.	179.62	180.65	55319	1.03	38
			179.62	180.65	55320 (Dbl)	1.03	34
			180.65	182.35	55321	1.70	159
			182.35	183.70	55322	1.35	584
182.50	192.10	13A <b>Gabbro</b> Coarse-medium grained rock, magnetic, massive. 3-5% of pyrite in the first 50cm. 5% of carbonated veinlets.	198.00	199.50	55323	1.50	10
192.10	212.10	13A <b>Gabbro</b> Grey-black rock, magnetic with 3-5% of carbonated veinlets. C.A. 75-80°. Trace-1% of pyrite from 198m to 204m.	199.50	201.00	55324	1.50	52
			201.00	202.50	55325	1.50	14
			202.50	204.00	55326	1.50	<8

# West Point

		Description	Analyse				
			De	A	N° d'échantillon	Longueur	Au (ppb)
212.10	218.12	TU3 <b>Mefic Tuff 75*</b> Tuff - shear zone C.A. 75-80°, 3-5% concordant carbonate veinlets with some narrow zone with pyrite. Silicified zone from 217.83 to 218.12m, 1-2% pyrite. Magnetic.	212.50	214.00	55327	1.50	68
			214.00	215.50	55328	1.50	<8
			215.50	216.60	55329	1.10	1 770
			216.60	218.12	55330	1.52	215
218.12	221.35	ISA <b>Gabbro</b> Magnetic silicified dark grey rock with garnet with trace of pyrite. 2-3% of pyrite-pyrrhotite-chalcopyrite in the last 10 centimeters. C.A. 70-75°.	218.12	219.00	55331	0.88	105
			219.00	220.50	55332	1.50	131
			220.50	221.10	55333	0.60	97
			221.10	221.50	55334	0.40	202
			221.10	221.50	55335 (Blm)	0.40	<8
221.35	229.10	ISA <b>Gabbro</b> Dark grey medium grained, magnetic rock, foliation C.A. 80°, 3-4% quartz carbonate veinlets with trace of pyrite and chalcopyrite.	221.50	222.30	55336	0.80	<8
			222.30	222.90	55337	0.60	14
			222.90	224.00	55338	1.10	60
			224.00	225.00	55339	1.00	29
			224.00	225.00	55340 (Dbl)	1.00	19
			225.00	226.25	55341	1.25	189
			226.25	227.75	55342	1.50	143
			227.75	229.20	55343	1.45	10
229.10	233.00	TU3 <b>Mefic Tuff 75*</b> Green carbonated tuff, non-magnetic, foliation 75-80°, 2-3% quartz carbonate veinlets.	237.80	238.68	55344	0.88	688
233.00	236.40	ISA <b>Gabbro</b> Dark grey greenish medium grained rock with some amphibolite. Massif few veinlets.	243.80	244.36	55345	0.56	<8
236.40	244.00	TU3 <b>Mefic Tuff 75*</b> Green carbonated rock, foliation 75°, non-magnetic with zone of silicification from 237.90 to 238.66m. 2% of pyrite in the last meter.					
244.00	255.56	V3 <b>Mefic Volcanic</b> Fine grained non-magnetic green rock. 5% of concordant carbonate veinlets. From 250.60 to 250.86m 2% pyrite stretch in the foliation.					
	244.00	244.22 VEI:..... Vein Grey fractured quartz vein	259.27	259.80	55346	0.53	<8
255.56	273.76	V3 <b>Mefic Volcanic</b> Dark green, fine grained rock with amphibolite. Foliation C.A. 70°. From 264 to 270.5m trace-1% of	265.00	266.50	55347	1.50	<8

# West Point

		Description	Analyse				
			D <sub>e</sub>	A	N° d'échantillon	Longueur	Au (ppb)
273.76	276.85	pyrite-pyrrothite very fine, disseminated. V3 <b>Mafic Volcanic 60°</b> Shear chloritized and carbonatized fine grained rock. C.A. 60°. 3-4% carbonated veinlets.	275.00	276.00	55348	1.00	<8
276.85	298.10	<b>Mafic Volcanic</b> Fine grained, 2-3% carbonated veinlets C.A. 70-75°, trace of pyrite and pyrrothite. From 295.5 to 297m fractured in the core axe with some pyrite (2-3%).	286.87	287.57	55349	0.70	<8
287.10	287.20	VEI:::25°-Py01 Cp: <b>Vein 25° Pyrite 1% Chalcopyrite</b> Quartz carbonate vein, C.A. 25°, trace to 1% of pyrite + chalcopyrite.	295.50	297.00	55350	1.50	<8
298.10	300.00	V3 <b>Mafic Volcanic 70°</b> Shear carbonated mafic volcanic C.A. 70°. 5-10% veinlets.					
300.00		Fin du sondage Nombre d'échantillons : 91 Nombre d'échantillons QAQC : 9 Longueur totale échantillonnée : 91.21					

## West Point

**Sondage :** WP-14-02

Titre minier : 2273686

Section :

Canton : Hazeur

Niveau :

Rang : Forage Nordic

Place de travail :

Foré par : Jeannot Théberge

Lot : 2014-09-17

Date de description : 2014-11-07

Descrit par : 2014-09-20

Au :

Collet

UTM Nad83 Zone 18

Est	520 534.0
Nord	5 481 986.0
Élévation	381.0

Azimut : 165.00°

Plongée : -53.00°

Longueur : 300.00 m

Déviation

Type	Profondeur	Azimut	Plongée	Invalide	Description
Flexite	50.00	163.00°	-54.90°	Non	mag:55429
Flexite	102.00	165.00°	-55.20°	Non	55552
Flexite	153.00	165.80°	-55.30°	Non	mag:54911
Flexite	201.00	168.60°	-54.90°	Non	mag:55406
Flexite	252.00	172.50°	-55.20°	Non	mag:56918
Flexite	300.00	172.10°	-54.90°	Non	mag:57456

Description



Dimension de la carotte : Carotte NQ

Cimenté : Non

Entreposé : Oui

# West Point

		Description	Analyse					
			De	A	N° d'échantillon	Longueur	Au (ppb)	
0.00	21.00	OB <b>Overburden</b> Overburden (casing left)						
21.00	30.35	V3 <b>Mafic Volcanic 75°</b> Pale grey-greenish rock, fine grained, slightly carbonated and shear, C.A. 75-80°. Non-magnetic.	35.00	35.50	55351	0.50		16
30.35	69.10	V3 <b>Mafic Volcanic</b> Dark grey greenish rock, aphanitic to fine grained with some zone with black minerals (Hornblende). Every 1.5m to 2.5m some shear chlorite zone, probably pillows contact. Non-magnetic with some fractures C.A. 10-20°.	54.57	55.50	55352	0.93		<8
35.14	35.41	VEI;;;80°;Py; <b>Vein 80° Pyrite</b> Shear quartz carbonate vein C.A. 85-80°, hornblende, trace of pyrite.	61.00	61.45	55353	0.45		30
54.67	55.21	VEI;;;80°;Py; <b>Vein 80° Pyrite</b> Shear quartz carbonate vein with hornblende C.A. 80-85°, trace of pyrite.	61.17	61.37				
69.10	74.50	V3 <b>Mafic Volcanic 80°</b> Green to light green non-magnetic rock with more veins and veinlets C.A. 75-80°.	69.78	70.14	55354	0.36		<8
69.80	70.04	V3 <b>Mafic Volcanic</b> Breccia zone trace to 1% of pyrrhotite.						
74.50	77.40	V3 <b>Mafic Volcanic</b> Green rock aphanitic to fine grained rock.						
77.40	79.12	TU3 <b>Mafic Tuff 75°</b> Grey greenish sheared rock, C.A. 75°, carbonated with hornblende, trace of pyrrhotite.						
79.12	176.50	V3 <b>Mafic Volcanic</b> Green aphanitic to fine grained rock with some carbonated and amphibolized zone, non-magnetic. Some small sheared zone C.A. 75-80°. From 141m we start to see, parallel to the core, some veinlets with alteration halo. From 156m to 161.50m fractured zone.	91.50	92.10	55355	0.60		15
91.50	92.10	STW;;;80°;PyO2; <b>Stockwerk 80° Pyrite 2%</b> Some quartz carbonate 1cm veins C.A. 80-85°, pyrite 1-2%.						

# West Point

		Description	Analyse				
			D <sub>e</sub>	A	N <sup>o</sup> d'échantillon	Longueur	Au (ppb)
109.58	109.85	V3 <b>Mafic Volcanic</b> Carbonated breccia.	119.00	119.42	55356	0.42	<8
114.00	114.30	SH <b>Shear 80°</b> Sheared zone C.A. 80-85° with quartz carbonate and trace to 1% pyrrhotite.	126.00	127.00	55357	1.00	<8
119.10	119.25	V3 <b>Mafic Volcanic</b> Serectitized breccia trace to 1% pyrite-pyrrhotite.	127.00	128.00	55358	1.00	10
126.22	126.80	V3 <b>Mafic Volcanic</b> 1-3% very fine pyrite pyrrhotite with many quartz carbonate veinlets concordant with the foliation.	128.00	129.50	55359	1.50	<8
129.63	129.90	VEI:::80°-Po01; <b>Vein 80° Pyrrhotite 1%</b> Chloritized quartz-vein C.A. 80-85°, shared wall rock, 1% pyrrhotite.	128.00	129.50	55360 (Bin)	1.50	<8
176.50	179.12	V3 <b>Mafic Volcanic</b> Green rock with many more veins and veinlets (quartz+carbonate), non-magnetic	129.50	130.00	55361	0.50	16
179.12	182.50	V3 <b>Mafic Volcanic</b> Green to dark green rock with 3-5% carbonated veinlets.	130.00	131.00	55362	1.00	<8
182.50	187.23	TU3 <b>Mafic Tuft 75°</b> Fine to medium grained tuft, magnetic from 186.50 to 187.23m.					
187.23	193.04	I3A <b>Gabbro</b> Medium grained gabbro, slightly amphibolitized, 2-3% of carbonated veinlets.	189.20	189.75	55363	0.55	16
193.04	195.94	V3 <b>Mafic Volcanic</b> Fine grained, slightly carbonated trace of pyrite and pyrrhotite.					
195.94	197.85	V3 <b>Mafic Volcanic</b> Grey-greenish carbonated mafic volcanic.	201.90	203.15	55364	1.25	84
197.85	202.50	I3A <b>Gabbro</b> Fine grained gabbro, non-magnetic.	201.90	203.15	55365 (Sid)	1.25	6 041
202.50	230.70	I3A <b>Gabbro</b> Coarse grained gabbro with some magnetic zone. Disseminated pyrite and pyrrhotite 1-2%.	203.15	204.00	55366	0.85	192
			204.00	205.50	55367	1.50	76



West Point

Description	Analyse				
	De	A	N° d'échantillon	Longueur	Au (ppb)
	205.50	207.00	55368	1.50	166
	207.00	208.50	55369	1.50	50
	208.50	210.00	55370	1.50	52
	210.00	211.50	55371	1.50	303
	211.50	213.00	55372	1.50	27
	213.00	213.53	55373	0.53	139
	213.53	214.75	55374	1.22	280
	213.53	214.75	55375 (Dbl)	1.22	541
	214.75	216.00	55376	1.25	7 661
	216.00	217.50	55377	1.50	10
	217.50	219.00	55378	1.50	104
	219.00	220.50	55379	1.50	13
	220.50	222.00	55380	1.50	120
	222.00	223.50	55381	1.50	<8
	223.50	225.00	55382	1.50	<8
	225.00	226.50	55383	1.50	44
	226.50	228.00	55384	1.50	31
	226.50	228.00	55385 (Bin)	1.50	<8
	228.00	229.28	55386	1.28	9
	229.28	230.70	55387	1.42	55
	230.70	231.60	55388	0.90	15
	231.60	232.10	55389	0.50	23
	231.60	232.10	55390 (Sid)	0.50	854
	232.10	233.25	55391	1.15	55
	236.65	238.15	55392	1.50	637
	241.92	242.42	55393	0.50	1 320
	245.00	245.30	55394	0.30	41
230.70	236.65				
		13A			
		<b>Gabbro</b>			
		Medium grained gabbro, green rock with sharp contacts, non-magnetic except for the last meter. Slightly shear at the contact. From 231.80 to 232.05m 3% of pyrrhotite and pyrite			
		TUJ3			
		<b>Mafic Tuff 70°</b>			
		Carbonated and chloritized shear mafic tuff, magnetic, C.A. 70-75°, trace of pyrite and pyrrhotite.			
		13A			
		<b>Gabbro</b>			
		Magnetic medium grained gabbro, greenish grey, 3-5% quartz carbonate veins and veinlets concordant to the foliation. C.A. 70-80°, trace of pyrrhotite. Stingers of pyrite at 271.86m.			
		241.92	242.10	VEI:::45°;Po01;	
				<b>Vein 45° Pyrrhotite 1%</b>	
				Quartz carbonate vein C.A. 45-50°, 1% of pyrrhotite.	
		245.00	245.27	VEI:::45°;Po02;	

# West Point

		Description	Analyse				
			De	A	N° d'échantillon	Longueur	Au (ppb)
283.00	284.70	<p><b>Vein 45° Pyrrhotite 2%</b>                      Quartz-carbonate-chlorite vein C.A. 45°, pyrite-pyrrhotite 2%.                      SH</p> <p><b>Shear 70°</b>                      Shear zone slightly chloritized C.A. 70-75°, trace of pyrite + 4-5% of magnetite.</p>	271.57	272.00	55395	0.43	<8
288.00	300.00	<p>13A  <b>Gabbro</b>                      Like the zone before but the mag is on and off. Medium grained. From 291.50 to 292m pyrite in carbonated veinlets C.A. 20-25°.</p>	283.38	284.60	55396	1.22	1 270
			291.50	292.10	55397	0.60	<8
300.00		<p>Fin du sondage                      Nombre d'échantillons : 42                      Nombre d'échantillons QAQC : 5                      Longueur totale échantillonnée : 44.71</p>					

## West Point

**Sondage :** WP-14-03

Titre minier : 2273686

Section :

Canton : Hazeur

Niveau :

Rang : Lot :

Place de travail :

Foré par : Forage Nordic  
 Décrit par : Jeannot théberge

Date de description : 2014-11-12

Du : 2014-09-22  
 Au : 2014-09-24

Collet

UTM Nad83 Zone 18

Azimut : 165.00°  
 Plongée : -60.00°  
 Longueur : 300.00 m

Est	520 639.0
Nord	5 481 982.0
Élévation	381.0

—Déviation

Type	Profondeur	Azimut	Plongée	Invalide	Description
Flexite	54.00	162.50°	-59.70°	Non	mag:55557
Flexite	102.00	164.40°	-59.40°	Non	mag:55243
Flexite	150.00	163.20°	-59.40°	Non	mag:55283
Flexite	201.00	163.00°	-59.40°	Non	mag:55415
Flexite	252.00	169.90°	-59.60°	Non	mag:54965
Flexite	300.00	170.50°	-59.70°	Non	mag:53683

Description

Dimension de la carotte :

Carotte NQ

Cimenté : Non

Entrepré : Oui

# West Point

		Description	Analyse					
			Dø	À	N° d'échantillon	Longueur	Au (ppb)	
0.00	16.50	OB Overburden						
		overburden (casing left)						
16.50	58.60	V3 <b>Mafic Volcanic</b>		25.33	55472	0.43	10	
		Aphanitic to fine grained rock, green, non-magnetic, fractured with 2-5% carbonate veinlets C.A. 65-75°						
25.00	25.00	VEI:::75°:Py; <b>Vein 75° Pyrite</b>	36.70	37.50	55473	0.80	<8	
		Quant carbonate vein with trace of pyrite in the wall C.A. 75°.						
36.80	37.40	STW:::Po; <b>Stockwerk Pyrrhotite</b>						
		Quartz carbonate chlorite veins and veinlets zone, trace of pyrrhotite.						
42.90	43.70	SH <b>Shear 75°</b>	42.94	43.80	55474	0.86	<8	
		Carbonated shear zone C.A. 75°.						
52.50	53.04	SH <b>Shear 70°</b>	52.50	53.20	55476	0.70	38	
		Carbonated shear zone, trace of pyrrhotite, C.A. 70-75°.						
58.60	62.27	TU3 <b>Mafic Tuff 70°</b>	57.82	58.60	55477	0.78	11	
		Grey greenish laminated and sheared rock with some amphibole. Non-magnetic.						
60.80	61.16	VEI:::70°::; <b>Vein 70°</b>	58.60	60.00	55478	1.40	13	
		White quartz vein. C.A. 70°.						
62.27	89.00	V3 <b>Mafic Volcanic</b>	60.00	60.75	55479	0.75	<8	
		Aphanitic to fine grained rock, green with some short shear zone C.A. 70-75°, non-magnetic and some veinlets parallel to the C.A. 10% of concordant veinlets starting at 60m and some parallel to the C.A. with alteration halo even more starting at 84m.						
89.00	98.15	V3 <b>Mafic Volcanic</b>	61.25	62.82	55481	1.57	<8	
		Grey-greenish beige fine grained rock slightly shear C.A. 70°, 3-4% quartz, quartz carbonate grey vein. A lot less parallel veinlets. Non-magnetic.						
98.15	125.00	V3 <b>Mafic Volcanic</b>	71.00	72.00	55482	1.00	<8	
		Aphanitic to fine grained green fractured rock. 5% of quartz carbonate concordant veins and veinlets. Some short shear zone C.A. 70-75°. From 108 to 111m more fractured.						
125.00	126.38	TU3 <b>Mafic Tuff 76°</b>	81.80	82.80	55483	1.00	<8	
		Grey beige shear rock, carbonated, C.A. 70-75°, non-magnetic, fine grained trace of pyrite.						
			85.60	87.00	55484	1.40	<8	
			85.60	87.00	55485 (Bln)	1.40	<8	
			91.00	92.00	55486	1.00	19	
			92.00	93.00	55487	1.00	49	
			125.00	126.38	55488	1.38	<8	

West Point

		Description	Analyse				
			De	A	N° d'échantillon	Longueur	Au (ppb)
126.38	131.86	V3 <b>Mafic Volcanic</b> Fine grained green rock, non-magnetic, fractured with 5% of carbonate veinlets, trace of pyrite.	143.00	143.75	55489	0.75	13
131.86	143.75	V3 <b>Mafic Volcanic</b> Fine grained green rock, non-magnetic some short shear zone C.A. 70-75°.	143.00	143.75	55490 (Sid)	0.75	835
143.75	147.33	V3, TU3 <b>Mafic Volcanic, Mafic Tuff</b> Grey beige silicified and sheared rock with grey veins and veinlets. Fine pyrite in the central part. Basalt or tuff??	143.75	145.05	55491	1.30	10
147.33	152.42	V3 <b>Mafic Volcanic</b> Same as 131.86 to 143.75m with some limonitic joints parallel to the core.	145.05	146.35	55492	1.30	176
152.42	158.61	V3 <b>Mafic Volcanic 70°</b> Carbonated green shear rock, C.A. 70-75°. More altered between 156 to 157m pyrite trace to 2%.	146.35	147.35	55493	1.00	45
158.61	163.10	I3A <b>Gabbro</b> Amphibolitized green gabbro, coarse grained, non-magnetic.	147.35	148.00	55494	0.65	<8
163.10	192.00	I3A <b>Gabbro</b> Medium grained gabbro, non-magnetic, green and amphibolitized. More fractured with joint at C.A. 25-30° between 174.5m to 180m same between 186m to 190.5m.	155.00	156.00	55495	1.00	11
192.00	201.90	V3 <b>Mafic Volcanic</b> Aphanitic to fine grained dark green rock, slightly sheared and carbonated in the first meter after become more chloritised with 1-2% of fine disseminated pyrite and pyrrhotite. The last 20cm is magnetic.	156.00	156.50	55496	0.50	246
201.90	212.00	I3A <b>Gabbro</b> Medium grained grey-greenish grey rock and become magnetic at 204.10 to 211.15m. Some veins and veinlets from 207.20m to 211m C.A 60-65°.	156.50	157.40	55497	0.90	<8
			157.40	158.61	55498	1.21	<8
			181.08	182.10	55499	1.02	<8
			192.30	193.10	55500	0.80	36
			193.10	194.20	55951	1.10	197
			194.20	195.00	55952	0.80	12
			195.00	196.50	55953	1.50	<8
			196.50	198.00	55954	1.50	<8
			198.00	199.50	55955	1.50	30
			199.50	201.00	55956	1.50	16
			201.00	201.80	55957	0.80	<8
			207.20	208.50	55958	1.30	10
			208.50	210.00	55959	1.50	<8
			208.50	210.00	55960 (Bin)	1.50	<8
			210.00	211.15	55961	1.15	9
			211.15	212.00	55962	0.85	<8

West Point

		Description	Analyse				
			De	A	N° d'échantillon	Longueur	Au (ppb)
212.00	219.30	V3 <b>Mafic Volcanic</b> Fine grained greenish grey rock, non-magnetic except for small centimetric zone. Silicified and mineralized zone, pyrite + pyrrhotite 5-8% from 213.74 to 214.80m. Brecciated with trace of pyrite from 214.80 to 215.80m.	212.00	213.00	55963	1.00	9
			213.00	213.75	55964	0.75	31
			213.00	213.75	55965 (S(d)	0.75	6 027
			213.75	214.75	55966	1.00	1 252
			214.75	215.73	55967	0.98	242
			215.73	216.82	55968	1.09	<8
		215.80 216.80 VEI::: Vein Quartz carbonate vein.					
219.30	223.10	I3A <b>Gabbro</b>					
		Fine to medium grained greenish gabbro, magnetic.					
223.10	236.95	I3A <b>Gabbro</b>	228.10	226.35	55969	0.25	26
		Coarse grained non-magnetic gabbro. Amphibolized and chloritized.					
		228.18 228.31 VEI:::75;Py; <b>Vein 75* Pyrite</b>	232.40	232.80	55970	0.40	24
		Quartz vein trace of pyrite C.A. 75°.					
236.95	237.75	V3 <b>Mafic Volcanic</b>	237.00	237.75	55971	0.75	9
		Fine grained rock, green, non-magnetic with some quartz carbonate chloride veins, trace of pyrite.					
237.75	241.90	I3A <b>Gabbro</b>					
		Same as 223.10 to 236.95m.					
241.90	258.50	I3A <b>Gabbro</b>	241.90	242.85	55972	0.95	30
		Very coarse grained gabbro + mineralized zone, magnetic. 3-5% of pyrite and pyrrhotite from 251m to 253.20m.	242.85	243.71	55973	0.86	<8
			243.71	244.68	55974	0.97	<8
			243.71	244.68	55975 (Dbl)	0.97	19
		241.90 243.30 VEI:::Py03 Po; <b>Vein Pyrite 3% Pyrrhotite</b>					
		90% of quartz, black chlorite and tourmaline vein, 3-4% of pyrite pyrrhotite.					
243.80	244.56	VEI:::Py; <b>Vein Pyrite</b>	244.68	245.05	55976	0.37	<8
		Quartz vein with pyrite only at the bottom contact.	245.05	245.58	55977	0.53	<8
245.07	245.34	VEI:::Py02; <b>Vein Pyrite 2%</b>	245.58	246.40	55978	0.82	<8
		White quartz vein with 1-2% of pyrite (cluster), some pyrrhotite in the wall rock.	246.40	247.20	55979	0.80	<8
			247.20	248.20	55980	1.00	<8

West Point

Description		Analyse				
De	A	N° d'échantillon	Longueur	Au (ppb)		
248.65	249.40	VEI:0.01...:Py100 Po; Vein 0.01 Pyrite 100% Pyrrhotite 0.5cm to 1cm pyrite pyrrhotite vein in the core axe.	1.20	10		
	249.40		1.50	<8		
	250.90		1.10	<8		
	252.00		1.10	14		
	253.10		1.00	<8		
	254.10		1.00	<8		
	255.00		0.90	<8		
	256.50		1.50	13		
	258.60		1.50	<8		
258.50	260.10	Mafic Tuff 75* Grey sheared rock C.A. 75-80°. 5% of concordant veinlets, magnetic, trace of disseminated pyrite. Some mud fault <1cm.	1.50	806		
	261.00		0.90	9		
	262.50		1.50	10		
	264.00		1.50	11		
	265.50		1.50	19		
268.18	270.80	TU3 Mafic Tuff				
		Fine to medium grained grey rock, non-magnetic except for the last 40cm.				
270.80	272.80	TU3 Mafic Tuff 80*	1.00	<8		
		Foliated to shear zone C.A. 60-70° with 5% of veins and veinlets and 1% of disseminated pyrite.	1.00	18		
272.80	274.70	TU3 Mafic Tuff				
		Same as 268.18m to 270.80m.				
274.70	282.25	I3A Gabbro	0.35	<8		
		Coarse grained green gabbro, chloritized and amphibolitized, non-magnetic with 1-2% of pyrite + pyrrhotite in the last meter.	1.03	46		
282.25	289.60	I3A Gabbro	0.67	18		
		Fine to medium grained rock, magnetic, foliation 70°, 3-5% of veins and veinlets with pyrite and pyrrhotite.	1.00	127		
	284.00		1.00	113		
	286.90		0.60	453		
	289.67	I3A	0.33	1 585		
289.60	291.40	Gabbro	1.00	352		
		Probably same rock than above but with 30% of quartz carbonate veins and veinlets, non-magnetic, some small zone of shearing C.A. 70-80°	0.50	124		
291.40	294.05	V3 Mafic Volcanic 75*	0.50	594		

# West Point

Description		Analyse				
		De	A	N° d'échantillon	Longueur	Au (ppb)
294.05	295.50 V3 <b>Mafic Volcanic</b> Shear zone magnetic rock with garnet. I3A <b>Gabbro</b> Less intense shearing medium grained with some silicification and trace of garnet.					
295.50	300.00					
300.00 Fin du sondage Nombre d'échantillons : 77 Nombre d'échantillons QAQC : 8 Longueur totale échantillonnée : 75.20						



# West Point

**Sondage :** WP-14-04

Titre minier : 2273686

Section :

Canton : Hazeur

Niveau :

Rang :

Place de travail :

Foré par : Forage Nordic

Du : 2014-09-20

Date de description : 2014-11-21

Au : 2014-12-22

Collet

UTM Nad83 Zone 18

Azimut : 165.00°

Est 520 639.0

Plongée : -50.00°

Nord 5 481 982.0

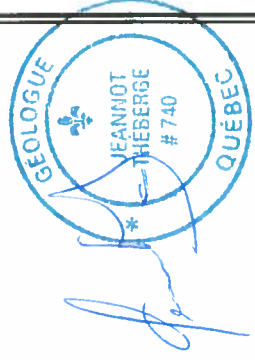
Longueur : 300.00 m

Élévation 381.0

Déviations

Type	Profondeur	Azimut	Plongée	Invalide	Description
Flexite	51.00	162.60°	-50.30°	Non	mag:55641
Flexite	102.00	163.50°	-50.70°	Non	mag:55161
Flexite	153.00	163.60°	-50.70°	Non	mag:55185
Flexite	201.00	166.50°	-50.90°	Non	mag:55192
Flexite	251.00	162.50°	-52.20°	Non	mag:57936
Flexite	300.00	166.10°	-52.70°	Non	mag:56840

Description



Dimension de la carotte :

Carotte NQ

Cimenté : Non

Entreprisé : Oui

# West Point

		Description	Analyse					
			D <sub>e</sub>	A	N° d'échantillon	Longueur	Au (ppb)	
0.00	19.20	OB <b>Overburden</b> Overburden (casing left)						
19.20	58.80	V3 <b>Mafic Volcanic</b> Green aphanitic to fine grained rock, non-magnetic, 3-5% of carbonate veins and veinlets C.A. 80-85° but some fine veinlets at C.A. 15-20°. From 43m some carbonate veinlets with alteration halo C.A. 10-15°.	37.80	38.75	55398	0.95	<8	
37.88	39.36	V3 <b>Mafic Volcanic</b> Folded quartz carbonate veins zone with some sericite and chlorite, trace to 1% pyrite - pyrrhotite.	38.75	39.43	55399	0.68	<8	
58.80	61.60	TU3 <b>Mafic Tuff 75°</b> Green shear luff zone C.A. 75-80°.	59.35	60.50	55400	1.15	9	
61.60	81.00	V3 <b>Mafic Volcanic</b> Same as 19.20m to 58.80m, non-magnetic, some amphibolization starting at 67.5m.	60.50	61.70	55401	1.20	97	
81.00	82.50	V3 <b>Mafic Volcanic 80°</b> Light green shear carbonated mafic volcanic or tuff, C.A.80°.	83.85	84.57	55402	0.72	<8	
82.50	88.70	V3 <b>Mafic Volcanic</b> Aphanitic-fine grained rock, green, non-magnetic, trace of pyrite.						
83.92	84.00	VEI:::80°; <b>Vein 80°</b> Quartz vein C.A. 80°.						
84.17	84.25	VEI:::Py; <b>Vein Pyrite</b> Quartz carbonate vein + hematite and chlorite, trace of pyrite						
84.36	84.51	VEI:::Py; <b>Vein Pyrite</b> Quartz carbonate vein +hematite and chlorite trace of pyrite.						
88.70	95.95	TU3 <b>Mafic Tuff 80°</b> Grey green Tuff C.A. 80-85 fine grained, non-magnetic.	92.31	92.65	55403	0.34	30	
92.40	92.53	VEI:::Po01 Py; <b>Vein Pyrrhotite 1% Pyrite</b> Grey quartz vein with 1% pyrrhotite+pyrite maybe some arsenopyrite.	92.65	93.48	55404	0.83	27	
93.50	93.56	VEI:::80°; <b>Vein 80°</b> Black-grey quartz vein C.A.80°.	93.48	94.20	55405	0.72	150	

# West Point

		Description	Analyse				
			De	A	N° d'échantillon	Longueur	Au (ppb)
93.85	93.90	VEI:80°; <b>Vein 80°</b> Black-grey quartz vein C.A. 80°.	94.20	95.00	55406	0.80	210
94.03	94.10	VEI:80°; <b>Vein 80°</b> Black-grey quartz vein C.A.80°.	107.00	108.00	55407	1.00	<8
95.95	98.37	V3 <b>Mafic Volcanic</b> Dark green fine grained, non-magnetic rock.	110.00	111.00	55408	1.00	<8
98.37	102.20	TU3 <b>Mafic Tuff</b> Same as 88.70m at 95.95m. Broken core.					
102.20	111.50	V3 <b>Mafic Volcanic</b> Grey green fine grained rock with fine carbonate veinlets C.A 0-10° with alteration halo. From 111.38m to 111.50m little breccia C.A.20°.					
111.50	130.31	V3 <b>Mafic Volcanic</b> Dark green aphanitic to fine grained rock with 3-4% carbonate veinlets C.A. 80° and some parallel to the core. Non-magnetic.	130.31	131.00	55409	0.69	<8
130.31	137.23	V3; TU3 <b>Mafic Volcanic; Mafic Tuff</b> Grey-green, aphanitic to fine grained rock with some shear zone. Trace to 1% very fine pyrite and some fine stringers.	130.31	131.00	55410 (Bln)	0.69	<8
			131.00	132.00	55411	1.00	<8
			132.00	133.50	55412	1.50	<8
			133.50	135.00	55413	1.50	<8
			135.00	136.10	55414	1.10	<8
			135.00	136.10	55415 (Stcl)	1.10	5 732
			136.10	137.15	55416	1.05	17
			137.15	138.55	55417	1.40	410
			138.55	139.25	55418	0.70	254
137.23	142.60	TU3 <b>Mafic Tuff</b> Grey green rock C.A.75-80° with 5-10% of quartz-carbonate veins and veinlets, trace of pyrite except for some silicified zones pyrite with 2-5% very fine; 139.40m to 139.55m, 140m to 140.30m, 142.16 to 142.30m.	139.25	140.00	55419	0.75	1 196
			140.00	140.50	55420	0.50	884
			140.50	141.50	55421	1.00	13
			141.50	142.05	55422	0.55	12
			142.05	142.45	55423	0.40	298
			142.45	142.90	55424	0.45	<8
			142.45	142.90	55425 (Dbl)	0.45	<8

West Point

Description		Analyse				
De	A	N° d'échantillon	Longueur	Au (ppb)		
142.60	147.00	146.08	0.92	54		
147.00	165.00					
165.00	177.15					
177.15	181.40	177.50	0.40	560		
178.60	178.72					
181.40	196.60	183.39	0.31	65		
		183.70	0.72	37		
		184.42	1.00	28		
		194.68	0.64	59		
		198.50	1.50	45		
196.60	204.25	200.00	1.00	17		
		201.00	0.85	11		
		201.00	0.85	<8		
		201.85	1.10	35		
		202.95	1.30	13		
		202.95	1.00	219		
204.25	208.75	208.00	0.50	196		
		208.00	0.50	889		
		208.00	0.50	24 546		
		208.50	0.50	54		
		208.50	0.41			
208.75	236.77	211.15				
		211.49	1.32	49		

# West Point

		Description	Analyse				
			De	A	N° d'échantillon	Longueur	Au (ppb)
211.70	211.75	<b>Vein 70*</b> Quartz carbonatée vein C.A. 70 VEI:::30°:Py Po;	212.88	213.30	55444	0.42	85
213.00	213.21	<b>Vein 30° Pyrite Pyrrhotite</b> Carbonatée vein with patch of quartz, pyrite pyrrhotite C.A. 30°. VEI:::70°::	213.30	213.90	55445	0.60	955
213.71	213.76	<b>Vein 70*</b> Grey smoky quartz C.A. 70° STW:::60°:Po04;	216.63	217.63	55446	1.00	182
217.00	217.44	<b>Stockwerk 60° Pyrrhotite 4%</b> 3 quartz veinlets with 4-5% of pyrite+pyrrhotite, C.A. 60. Some mineralisation between the 3 veinlets and the vein above. I3A	219.00	220.00	55447	1.00	13
227.02	227.20	<b>Gabbro</b> Breccia with cluster of pyrite+pyrrhotite VEI:::65°:Po03 Py;	226.92	227.38	55448	0.46	944
236.77	251.25	<b>Vein 65° Pyrrhotite 3% Pyrite</b> Grey quartz vein, 2-5% of pyrite pyrrhotite, C.A.65°. carbonated and slightly shear up to 227.30m. I3A	227.38	228.00	55449	0.62	11
251.25	257.48	<b>Gabbro</b> Medium grained gabbro, non-magnetic.Start to have more veinlets at 248m. I3A	253.80	254.40	55451	0.60	<8
253.86	254.18	<b>Gabbro</b> Magnetic dark green-greenish grey more altered, magnetic. VEI:::Py01;	254.40	255.00	55452	0.60	13
254.71	254.76	<b>Vein Pyrite 1%</b> Grey quartz vein with 1% of pyrite in the vein and 2-3% in the wall rock. VEI:0.01:::Py03 Po;	255.00	256.50	55453	1.50	18
257.48	263.64	<b>Vein 0.01 Pyrite 3% Pyrrhotite</b> 1cm quartz vein C.A. 25° with 2-3% of pyrite + pyrrhotite. I3A	256.50	257.30	55454	0.80	19
263.64	268.37	<b>Gabbro</b> Altered grey-greenish grey rock, non-magnetic with brecciated zone up to 258.12m.3-5% fine disseminated pyrite from 259.74m to 260.10m I3A	257.30	258.20	55455	0.90	9
268.37	283.35	<b>Gabbro</b> Non-magnetic coarse grained gabbro, dark green. I3A	258.20	259.70	55456	1.50	37
			259.70	260.20	55457	0.50	21
			260.20	261.00	55458	0.80	46
			268.35	269.12	55459	0.77	<8
			268.35	269.12	55460 (Bin)	0.77	<8
			269.12	269.72	55461	0.60	98



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## APPENDIX 2

Lab certificate

**Client :**

Monsieur Jeannot Thérberge  
Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 3 déc. 2014  
Date de réception: 14 nov. 2014  
Date d'analyses: 1 déc. 2014  
Projet: Hazeur  
Certificat: 34729

**CERTIFICAT D'ANALYSE**

66 échantillons de carottes ont été reçus pour analyses.

Notes :

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Ce certificat remplace et annule tous certificats antérieurs, le cas échéant.

- Ⓜ Ce document est pour l'usage exclusif du client et ne peut être reproduit, sinon en entier, sans l'autorisation écrite de Techni-Lab S. G. B. Abitibi inc. Si vous avez reçu ce certificat par erreur, soyez avisé que tout usage, reproduction ou distribution de celui-ci est strictement interdit. Les échantillons seront conservés pendant 30 jours à partir de la date du certificat à moins d'avis écrit du client.
- Ⓜ Les résultats d'essai ne se rapportent qu'aux objets soumis à l'essai tels qu'ils ont été reçus par le laboratoire.



Les résultats des échantillons sont vérifiés et approuvés par :

  
Samuel APRIL, chimiste 2013-172







**TECHNI-LAB**

pyroanalyse  
géochimie  
environnement

## CERTIFICAT D'ANALYSE

À l'attention de Monsieur Jeannot Thériberge

Client Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 3 déc. 2014  
Date de réception : 14 nov. 2014  
Date d'analyses : 1 déc. 2014  
Projet : Hazeur  
Certificat : 34729

Échantillon #	Au ppb	Au g/t
		>1.0 g/t Gravimétrie
Méthode utilisée	TMP-G5B	TMP-G5C
55251	89	
55252	<8	
55253	<8	
55254	<8	
55255	<8	
55256	<8	
55257	<8	
55258	<8	
55259	<8	
55260	<8	
55261	32	
55262	<8	
55263	<8	
55264	11	
55265	887	
55266	12	
55267	<8	
55268	<8	
55269	<8	
55270	<8	
55271	16	
55272	<8	
55273	<8	
55274	<8	
55275	<8	
55276	<8	
55277	<8	
55278	23	
55279	<8	
55280	109	
55281	9	
55282	<8	
55283	<8	
55284	12	
55285	<8	



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J9X 6M8

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Date de réception : 14 nov. 2014  
Date d'analyses : 1 déc. 2014  
Projet : Hazeur  
Certificat : 34729

Échantillon #	Au ppb	Au g/t ±1.0 g/t Gravimétrie	
		Méthode utilisée:	
		TMI-G5B	TMI-G5C
55286	42		
55287	37		
55288	<8		
55289	16		
55290	6024		
55291	268		
55292	11		
55293	54		
55294	<8		
55295	<8		
55296	68		
55297	38		
55298	181		
55299	215		
55300	4273		4.15
55301	2381		2.23
55302	438		
55303	21		
55304	957		
55305	<8		
55306	<8		
55307	19		
55308	12		
55309	79		
55310	<8		
55311	<8		
55312	42		
55313	142		
55314	42		
55315	877		
55316	980		
55261-Dup	23		
55282-Dup	<8		
55301-Dup			2.31



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À l'attention de Monsieur Jeannot Théberge

Client Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 3 déc. 2014  
Date de réception : 14 nov. 2014  
Date d'analyses : 1 déc. 2014  
Projet : Hazeur  
Certificat : 34729

Échantillon #	Au	Au
	ppb	g/t >1.0 g/t Gravimétrie
Méthode utilisée:	TMT-G5B	TMT-G5C
55303-Dup	24	
55316-Dup	966	
OXC 129	216	
OXC 129	213	
OXC 129	201	
OXC 129	220	
OXC 129	206	
OXJ 120	2262	
OXK 119	3719	
OXK 119	3749	
OXK 119	3724	
OXK 119	3724	
OXK 119		3.58
OXP 116		14.66
OXQ 90		24.26



## CERTIFICAT D'ANALYSE - ANNEXE 1

# TECHNI-LAB

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À l'attention de Monsieur Jeannot Thèberge

Client: Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 3 déc. 2014  
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Projet: Hazeur  
Certificat: 34729

### MÉTHODE ACCRÉDITÉE

TMT-G5B	Or par SAA avec digestion d'Aqua Regia par micro-ondes
TMT-G5C	Or finition par gravimétrie
TMT-G5E	Palladium et Platine par absorption atomique électrothermique (Four au Graphite)
TMT-G5F	Ag, Cu, Pb, Zn, Ni et Co par ICP avec digestion d'Aqua Regia

### MÉTHODE NON ACCRÉDITÉE

TMT-G5G	Argent par Gravimétrie
TMT-G2	Densité
TMT-G5Z	Titration du Zinc

### MÉTHODE ACCRÉDITÉE PAR LE CCN

<i>Méthode</i>	<i>Paramètre</i>	<i>Limite de</i>	<i>Méthode</i>	<i>Paramètre</i>	<i>Limite de</i>
TMT-G5B	Au ppb (5 ml)	8	TMT-G5F	Ag ppm	0.3
TMT-G5B	Au g/t (10 ml)	0.01	TMT-G5F	Co ppm	2
TMT-G5C	Au gravimétrie g/l	0.08	TMT-G5F	Cu ppm	1
TMT-G5E	Pd ppb	2	TMT-G5F	Ni ppm	2
TMT-G5E	Pt ppb	3	TMT-G5F	Pb ppm	3
			TMT-G5F	Zn ppm	1

Ce rapport est pour l'usage exclusif du client et ne peut être reproduit, sinon en entier, sans l'autorisation écrite de Techni-Lab S.G.B. Abitibi inc.



**Client :**  
Monsieur Jeannot Thérberge  
Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 19 déc. 2014  
Date de réception: 19 nov. 2014  
Date d'analyses: 8 déc. 2014  
Projet: Hazeur  
Certificat: 34746

### CERTIFICAT D'ANALYSE

134 échantillons de carottes ont été reçus pour analyses.

Notes :

---

Ce certificat remplace et annule tous certificats antérieurs, le cas échéant.

- Ⓜ Ce document est pour l'usage exclusif du client et ne peut être reproduit, sinon en entier, sans l'autorisation écrite de Techni-Lab S. G. B. Abitibi inc. Si vous avez reçu ce certificat par erreur, soyez avisé que tout usage, reproduction ou distribution de celui-ci est strictement interdit. Les échantillons seront conservés pendant 30 jours à partir de la date du certificat à moins d'avis écrit du client.
- Ⓜ Les résultats d'essai ne se rapportent qu'aux objets soumis à l'essai tels qu'ils ont été reçus par le laboratoire.



Les résultats des échantillons sont vérifiés et approuvés par :

Samuel April  
Samuel APRIL, chimiste 2013-172





**TECHNI-LAB**

pyroanalyse  
géochimie  
environnement

**CERTIFICAT D'ANALYSE**

À l'attention de Monsieur Jeannot Théberge

Client Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 19 déc. 2014  
Date de réception: 19 nov. 2014  
Date d'analyses: 8 déc. 2014  
Projet: Ilazeur  
Certificat: 34746

Échantillon #	Au	Au
	ppb	g/t ≥1.0 g/t Gravimétrie
Méthode utilisée	TMT-G5B	TMT-G5C
55317	1255	1.07
55318	166	
55319	38	
55320	34	
55321	159	
55322	584	
55323	10	
55324	52	
55325	14	
55326	<8	
55327	68	
55328	<8	
55329	1770	1.84
55330	215	
55331	105	
55332	131	
55333	97	
55334	202	
55335	<8	
55336	<8	
55337	14	
55338	60	
55339	29	
55340	19	
55341	189	
55342	143	
55343	10	
55344	698	
55345	<8	
55346	<8	
55347	<8	
55348	<8	
55349	<8	
55350	<8	
55351	16	
55352	<8	



**TECHNI-LAB**

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**CERTIFICAT D'ANALYSE**

À l'attention de Monsieur Jeannot Thériège

Client Terras Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 19 déc. 2014  
Date de réception : 19 nov. 2014  
Date d'analyses : 8 déc. 2014  
Projet : Hazeur  
Certificat : 34746

Échantillon #	Au ppb	Au g/t >1.0 g/t Gravimétrie
	<i>Méthode utilisée:</i>	<i>TMT-GSB</i>
55353	30	
55354	<8	
55355	15	
55356	<8	
55357	<8	
55358	10	
55359	<8	
55360	<8	
55361	16	
55362	<8	
55363	16	
55364	84	
55365	6041	
55366	192	
55367	76	
55368	166	
55369	50	
55370	52	
55371	303	
55372	27	
55373	139	
55374	280	
55375	541	
55376	7661	3.45
55377	10	
55378	104	
55379	13	
55380	120	
55381	<8	
55382	<8	
55383	44	
55384	31	
55385	<8	
55386	9	
55387	55	
55388	15	



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## CERTIFICAT D'ANALYSE

À l'attention de Monsieur Jeannot Théberge

Client Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 19 déc. 2014  
Date de réception : 19 nov. 2014  
Date d'analyses : 8 déc. 2014  
Projet : Hazcur  
Certificat : 34746

Échantillon #	Au ppb	Au g/t
		>1,0 g/t Gravimétrie
Méthode utilisée.	TMI-G5B	TMI-G5C
55389	23	
55390	854	
55391	55	
55392	637	
55393	1320	1.84
55394	41	
55395	<8	
55396	1270	1.03
55397	<8	
55398	<8	
55399	<8	
55400	9	
55401	97	
55402	<8	
55403	30	
55404	27	
55405	150	
55406	210	
55407	<8	
55408	<8	
55409	<8	
55410	<8	
55411	<8	
55412	<8	
55413	<8	
55414	<8	
55415	5732	
55416	17	
55417	410	
55418	254	
55419	1196	0.95
55420	894	
55421	13	
55422	12	
55423	298	
55424	<8	





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**CERTIFICAT D'ANALYSE**

À l'attention de Monsieur Jeannot Thériège

Client Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 19 déc. 2014  
Date de réception : 19 nov. 2014  
Date d'analyses : 8 déc. 2014  
Projet : Hazeur  
Certificat : 34746

Échantillon #	Au ppb	Au g/t >1.0 g/t Gravimétrie
	Méthode utilisée: TMT-G5B	TMT-G5C
55425	<8	
55426	54	
55427	560	
55428	65	
55429	37	
55430	28	
55431	59	
55432	45	
55433	17	
55434	11	
55435	<8	
55436	35	
55437	13	
55438	219	
55439	196	
55440	839	
55441	24546	18.19
55442	54	
55443	49	
55444	85	
55445	955	
55446	182	
55447	13	
55448	944	
55449	11	
55450	606	
55324-Dup	55	
55345-Dup	<8	
55366-Dup	161	
55376-Dup	6680	
55383-Dup	35	
55426-Dup	48	
55448-Dup	938	
OXC 129	208	
OXC 129	195	



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**CERTIFICAT D'ANALYSE**

À l'attention de Monsieur Jeannot Thériège

Client Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 19 déc. 2014  
Date de réception : 19 nov. 2014  
Date d'analyses : 8 déc. 2014  
Projet : Hazeur  
Certificat : 34746

Échantillon #	Au ppb	Au g/t >1.0 g/t Gravimétrie
	<i>Méthode utilisée:</i>	<i>TMI-G5B</i>
OXC 129	199	
OXC 129	193	
OXC 129	196	
OXC 129	205	
OXC 129	193	
OXJ 120		2.29
OXK 119	3399	
OXK 119	3415	
OXK 119	3592	
OXK 119	3515	
OXK 119	3422	
OXK 119	3628	
OXK 119	3541	
OXK 119	3492	
OXP 116		15.01
OXQ 90		24.92



## CERTIFICAT D'ANALYSE - ANNEXE 1

# TECHNI-LAB

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environnement

À l'attention de Monsieur Jeannot Thériège

Client: Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 19 déc. 2014  
Date de réception: 19 nov. 2014  
Date d'analyse: 8 déc. 2014  
Projet: Hazeur  
Certificat: 34746

### MÉTHODE ACCRÉDITÉE

TMT-G5B	Or par SAA avec digestion d'Aqua Regia par micro-ondes
TMT-G5C	Or finition par gravimétrie
TMT-G5E	Palladium et Platine par absorption atomique électrothermique (Four au Graphite)
TMT-G5F	Ag, Cu, Pb, Zn, Ni et Co par ICP avec digestion d'Aqua Regia

### MÉTHODE NON ACCRÉDITÉE

TMT-G5G	Argent par Gravimétrie
TMT-G2	Densité
TMT-G5Z	Titration du Zinc

### MÉTHODE ACCRÉDITÉE PAR LE CCN

Méthode	Paramètre	Limite de	Méthode	Paramètre	Limite de
TMT-G5B	Au ppb (5 ml)	8	TMT-G5F	Ag ppm	0.3
TMT-G5B	Au g/t (10 ml)	0.01	TMT-G5F	Co ppm	2
TMT-G5C	Au gravimétrie g/t	0.08	TMT-G5F	Cu ppm	1
TMT-G5E	Pd ppb	2	TMT-G5F	Ni ppm	2
TMT-G5E	Pt ppb	3	TMT-G5F	Pb ppm	3
			TMT-G5F	Zn ppm	1

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Annexe 1 du certificat no. 34746 - 7/7



**TECHNI-LAB**

pyroanalyse  
géochimie  
environnement

**Client :**

Monsieur Jeannot Thérberge  
Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 18 déc. 2014  
Date de réception: 24 nov. 2014  
Date d'analyses: 9 déc. 2014  
Projet: Hazcur  
Certificat: 34756

**CERTIFICAT D'ANALYSE**

106 échantillons de carottes ont été reçus pour analyses.

Notes :

Ce certificat remplace et annule tous certificats antérieurs, le cas échéant.

- Ⓢ Ce document est pour l'usage exclusif du client et ne peut être reproduit, sinon en entier, sans l'autorisation écrite de Techni-Lab S. G. B. Abitibi inc. Si vous avez reçu ce certificat par erreur, soyez avisé que tout usage, reproduction ou distribution de celui-ci est strictement interdit. Les échantillons seront conservés pendant 30 jours à partir de la date du certificat à moins d'avis écrit du client.
- Ⓢ Les résultats d'essai ne se rapportent qu'aux objets soumis à l'essai tels qu'ils ont été reçus par le laboratoire.



Les résultats des échantillons sont vérifiés et approuvés par :

Samuel April  
Samuel APRIL, chimiste 2013-172





**TECHNI-LAB**

pyroanalyse  
géochimie  
environnement

**CERTIFICAT D'ANALYSE**

À l'attention de Monsieur Jeannot Thériège

Client Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 18 déc. 2014  
Date de réception: 24 nov. 2014  
Date d'analyses: 9 déc. 2014  
Projet: Hazeur  
Certificat: 34756

Échantillon #	Au	Au
	ppb	g/t >1.0 g/t Gravimétrie
Méthode utilisée	TMT-G5B	TMT-G5C
55451	<8	
55452	13	
55453	18	
55454	19	
55455	9	
55456	37	
55457	21	
55458	46	
55459	<8	
55460	<8	
55461	98	
55462	55	
55463	<8	
55464	144	
55465	5633	
55466	316	
55467	13	
55468	30	
55469	<8	
55470	129	
55471	1659	1.53
55472	10	
55473	<8	
55474	<8	
55475	<8	
55476	38	
55477	11	
55478	13	
55479	<8	
55480	22	
55481	<8	
55482	<8	
55483	<8	
55484	<8	
55485	<8	



**TECHNI-LAB**

pyroanalyse  
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environnement

**CERTIFICAT D'ANALYSE**

À l'attention de Monsieur Jeannot Thèberge

Client Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 18 déc. 2014  
Date de réception: 24 nov. 2014  
Date d'analyses: 9 déc. 2014  
Projet: Hazeur  
Certificat: 34756

Échantillon #	Au	Au
	ppb	g/t >1.0 g/t Gravimétrie
Méthode utilisée:	TMT-G5B	TMT-G5C
55486	19	
55487	49	
55488	<8	
55489	13	
55490	835	
55491	10	
55492	176	
55493	45	
55494	<8	
55495	11	
55496	246	
55497	<8	
55498	<8	
55499	<8	
55500	36	
55951	197	
55952	12	
55953	<8	
55954	<8	
55955	30	
55956	16	
55957	<8	
55958	10	
55959	<8	
55960	<8	
55961	9	
55962	<8	
55963	9	
55964	31	
55965	6027	
55966	1252	1.11
55967	242	
55968	<8	
55969	26	
55970	24	



**TECHNI-LAB**

pyroanalyse  
géochimie  
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**CERTIFICAT D'ANALYSE**

À l'attention de Monsieur Jeannot Théberge

Client Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 18 déc. 2014  
Date de réception : 24 nov. 2014  
Date d'analyses : 9 déc. 2014  
Projet : Hazeur  
Certificat : 34756

Échantillon #	Au ppb	Au g/t >1.0 g/t Gravimétrie
	<i>Méthode utilisée:</i> TMT-G5B	TMT-G5C
55971	9	
55972	30	
55973	<8	
55974	<8	
55975	19	
55976	<8	
55977	<8	
55978	<8	
55979	<8	
55980	<8	
55981	10	
55982	<8	
55983	<8	
55984	14	
55985	<8	
55986	<8	
55987	<8	
55988	13	
55989	<8	
55990	806	
55991	9	
55992	10	
55993	11	
55994	19	
55995	<8	
55996	18	
55997	<8	
55998	46	
55999	18	
56000	127	
56001	113	
56002	453	
56003	1585	1.89
56004	352	
56005	124	



**TECHNI-LAB**

pyroanalyse  
géochimie  
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**CERTIFICAT D'ANALYSE**

À l'attention de Monsieur Jeannot Théberge

Client Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 18 déc. 2014  
Date de réception: 24 nov. 2014  
Date d'analyses: 9 déc. 2014  
Projet: Hazeur  
Certificat: 34756

Échantillon #	Au	Au
	ppb	g/t >1.0 g/t Gravimétrie
Méthode utilisée:	TMI-G5B	TMI-G5C
56006	594	
55461-Dup	75	
55471-Dup		1.60
55482-Dup	<8	
55606-Dup	726	
55953-Dup	<8	
55966-Dup	1103	
55987-Dup	<8	
OXC 129	201	
OXC 129	205	
OXC 129	208	
OXC 129	203	
OXC 129	186	
OXJ 120		2.37
OXK 119	3392	
OXK 119	3648	
OXK 119	3582	
OXK 119	3843	
OXK 119	3620	
OXK 119	3492	
OXP 116		14.31
OXQ 90		23.91





## CERTIFICAT D'ANALYSE - ANNEXE 1

# TECHNI-LAB

pyroanalyse  
géochimie  
environnement

À l'attention de Monsieur Jeannot Théberge

Client: Terrax Management  
139, Avenue Québec  
Rouyn-Noranda (Québec)  
J9X 6M8

Date d'émission: 18 déc. 2014  
Date de réception: 24 nov. 2014  
Date d'analyse: 9 déc. 2014  
Projet: Hazeur  
Certificat: 34756

### MÉTHODE ACCRÉDITÉE

TMT-G5B	Or par SAA avec digestion d'Aqua Regia par micro-ondes
TMT-G5C	Or finition par gravimétrie
TMT-G5E	Palladium et Platine par absorption atomique électrothermique (Four au Graphite)
TMT-G5F	Ag, Cu, Pb, Zn, Ni et Co par ICP avec digestion d'Aqua Regia

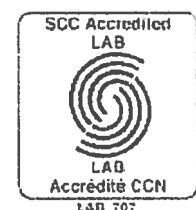
### MÉTHODE NON ACCRÉDITÉE

TMT-G5G	Argent par Gravimétrie
TMT-G2	Densité
TMT-G5Z	Titration du Zinc

### MÉTHODE ACCRÉDITÉE PAR LE CCN

<i>Méthode</i>	<i>Paramètre</i>	<i>Limite de</i>	<i>Méthode</i>	<i>Paramètre</i>	<i>Limite de</i>
TMT-G5B	Au ppb (5 ml)	8	TMT-G5F	Ag ppm	0.3
TMT-G5B	Au g/t (10 ml)	0.01	TMT-G5F	Co ppm	2
TMT-G5C	Au gravimétrie g/t	0.08	TMT-G5F	Cu ppm	1
TMT-G5E	Pd ppb	2	TMT-G5F	Ni ppm	2
TMT-G5E	Pt ppb	3	TMT-G5F	Pb ppm	3
			TMT-G5F	Zn ppm	1

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Annexe 1 du certificat no. 34756 - 6/6

Quality Analysis ...



Innovative Technologies

Date Submitted: 02-Dec-14  
Invoice No.: A14-09465  
Invoice Date: 10-Dec-14  
Your Reference: 34729 SG14-1786 TERRAX

Techni-Lab Abitibi Inc.(Actlabs)  
184 Rue Principale  
Ste-Germaine-Boule Quebec J0Z 1M0  
Canada

ATTN: Andre Caouette

## CERTIFICATE OF ANALYSIS

66 Pulp samples were submitted for analysis.

The following analytical package was requested:

Code 1F2 Total Digestion ICP(TOTAL)

REPORT      A14-09465

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

**Notes:**

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.  
Quality Control

ACTIVATION LABORATORIES LTD.  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55251	<0.3	6.27	<3	149	<1	<2	10.3	<0.3	37	153	109	6.48	16	<1	0.15	2.59	26	1300	<1	1.36	93	0.026	<3
55252	<0.3	6.52	<3	31	<1	<2	8.08	<0.3	31	162	66	6.09	14	<1	0.07	2.57	22	1060	<1	1.12	56	0.044	<3
55253	<0.3	5.28	<3	394	<1	<2	6.74	<0.3	34	276	95	5.97	12	<1	0.36	2.46	31	1040	11	0.94	84	0.021	<3
55254	<0.3	6.47	<3	54	<1	2	7.41	<0.3	43	268	72	8.01	14	<1	0.09	3.41	26	1340	4	1.50	105	0.023	<3
55255	<0.3	7.55	<3	672	<1	<2	10.1	<0.3	42	236	75	8.50	14	<1	0.78	3.07	36	1440	1	1.48	96	0.021	<3
55256	<0.3	6.95	<3	335	<1	<2	8.77	<0.3	44	236	155	8.00	15	<1	0.42	2.89	37	1320	<1	1.38	105	0.023	<3
55257	<0.3	6.82	<3	77	<1	<2	7.61	<0.3	43	182	73	7.85	15	<1	0.17	3.16	48	1080	<1	1.44	108	0.020	<3
55258	<0.3	7.18	<3	28	<1	<2	6.94	<0.3	48	194	175	8.68	15	<1	0.05	3.30	31	1480	<1	1.25	108	0.027	<3
55259	<0.3	7.67	<3	27	<1	<2	7.25	<0.3	51	149	162	9.00	17	<1	0.08	3.68	27	1510	<1	1.71	126	0.028	<3
55260	0.4	5.16	10	475	1	<2	13.7	<0.3	4	59	55	1.77	12	<1	1.69	1.09	10	934	9	2.13	14	0.038	6
55261	<0.3	5.86	<3	270	<1	<2	9.99	<0.3	37	125	89	6.82	16	<1	0.18	2.87	34	1170	<1	1.10	86	0.020	<3
55262	<0.3	6.92	<3	125	<1	<2	7.49	<0.3	47	180	115	8.30	15	<1	0.09	3.64	39	1350	<1	1.27	115	0.030	<3
55263	<0.3	6.86	3	111	<1	<2	7.93	0.7	46	194	167	8.06	15	<1	0.09	3.31	32	1350	<1	1.48	109	0.025	4
55264	<0.3	6.70	9	138	<1	<2	6.60	<0.3	46	206	131	8.09	14	<1	0.19	3.64	33	1350	<1	1.92	109	0.030	<3
55265	0.7	8.06	49	140	3	13	2.38	<0.3	22	54	188	5.39	20	<1	3.00	1.70	2	469	<1	2.78	72	0.093	45
55266	<0.3	6.80	<3	184	<1	<2	7.42	<0.3	44	125	107	7.91	14	<1	0.18	3.25	36	1320	<1	1.76	103	0.023	<3
55267	<0.3	7.39	<3	40	<1	<2	7.70	<0.3	46	129	93	8.43	17	<1	0.12	3.55	23	1360	<1	1.74	113	0.027	<3
55268	<0.3	8.16	<3	34	<1	<2	5.85	0.3	57	186	187	10.0	18	1	0.07	4.29	48	1490	<1	0.84	132	0.026	<3
55269	<0.3	3.67	<3	35	<1	<2	2.97	<0.3	21	280	81	3.45	7	<1	0.09	1.42	19	575	16	0.71	54	0.019	<3
55270	<0.3	7.09	<3	57	<1	<2	8.83	<0.3	47	143	78	8.33	16	<1	0.18	3.39	26	1360	<1	1.21	112	0.020	<3
55271	<0.3	6.78	<3	59	<1	<2	8.62	<0.3	43	139	113	7.91	16	<1	0.07	3.14	31	1430	<1	1.51	103	0.026	<3
55272	<0.3	6.82	<3	43	<1	<2	7.94	<0.3	46	185	165	7.80	15	<1	0.09	3.20	25	1440	<1	1.49	106	0.026	<3
55273	<0.3	6.76	5	40	<1	2	7.83	<0.3	47	218	158	7.85	15	<1	0.08	3.28	29	1340	4	1.40	110	0.027	<3
55274	<0.3	4.44	<3	31	<1	<2	8.06	<0.3	29	298	48	5.75	9	<1	0.07	2.33	19	1010	6	0.96	77	0.015	<3
55275	<0.3	6.90	4	27	<1	<2	7.09	<0.3	45	168	111	7.83	15	<1	0.06	3.33	34	1260	<1	1.15	108	0.023	<3
55276	<0.3	6.63	<3	36	<1	<2	7.18	<0.3	44	141	102	7.70	16	<1	0.09	3.41	27	1270	<1	1.73	110	0.022	<3
55277	<0.3	6.96	<3	134	<1	<2	6.47	<0.3	47	126	109	7.69	14	<1	0.22	3.18	30	1290	<1	2.25	117	0.022	<3
55278	<0.3	7.18	<3	179	<1	<2	4.84	0.5	43	114	75	8.11	15	<1	0.34	3.62	37	1260	<1	1.87	113	0.028	<3
55279	0.4	7.59	<3	86	<1	<2	3.85	1.1	26	99	41	5.08	16	<1	0.20	1.80	25	615	4	4.20	76	0.048	<3
55280	<0.3	7.22	<3	103	<1	<2	3.92	<0.3	35	103	61	7.11	16	<1	0.32	2.85	28	981	<1	2.73	73	0.043	<3
55281	<0.3	7.16	<3	29	<1	<2	4.12	2.1	41	123	73	7.82	18	<1	0.06	3.40	31	887	<1	2.40	91	0.038	<3
55282	0.4	7.18	<3	67	<1	<2	4.07	0.4	41	150	73	7.52	16	<1	0.39	3.24	39	844	1	2.25	102	0.041	<3
55283	0.7	5.11	<3	548	<1	<2	5.49	<0.3	26	296	38	2.72	12	<1	1.79	1.16	29	534	10	0.17	106	0.029	<3
55284	0.8	5.20	21	159	<1	<2	6.12	<0.3	29	315	36	3.44	13	<1	0.59	1.69	23	701	11	1.40	102	0.022	<3
55285	0.3	5.13	<3	505	1	<2	12.8	<0.3	4	119	37	1.65	12	<1	1.88	0.87	9	814	8	2.01	12	0.033	5
55286	<0.3	6.95	4	19	<1	<2	5.90	<0.3	34	185	55	5.57	16	<1	0.22	2.59	26	722	2	2.68	115	0.037	<3
55287	<0.3	5.44	<3	<7	<1	<2	5.57	<0.3	49	112	221	9.43	16	<1	0.04	2.73	26	1080	<1	1.13	36	0.017	<3
55288	<0.3	2.32	8	<7	<1	<2	5.42	<0.3	113	1200	131	9.93	8	<1	0.02	10.5	8	1390	<1	0.02	1240	0.022	<3
55289	<0.3	1.75	<3	7	<1	<2	8.34	<0.3	22	269	17	2.92	7	<1	<0.01	1.09	8	413	<1	0.09	116	0.008	<3
55290	1.0	8.00	99	149	4	<2	2.34	<0.3	21	53	77	5.85	22	<1	3.54	1.68	2	447	<1	3.01	74	0.083	51
55291	<0.3	4.45	<3	24	2	<2	9.83	<0.3	71	25	676	11.3	18	<1	0.06	3.62	18	1500	<1	0.23	181	0.041	<3
55292	<0.3	3.96	<3	8	<1	<2	9.18	<0.3	56	139	51	8.21	14	<1	0.02	2.05	18	1320	<1	0.14	56	0.033	<3
55293	<0.3	5.79	<3	62	2	<2	6.32	<0.3	65	21	344	13.9	20	<1	0.12	3.15	28	2140	<1	0.75	32	0.073	<3
55294	<0.3	7.50	<3	22	1	<2	5.85	<0.3	37	52	31	10.6	21	<1	0.04	1.79	25	1460	<1	2.19	5	0.127	<3
55295	<0.3	0.45	<3	18	<1	<2	1.47	<0.3	7	431	13	0.94	1	<1	0.01	0.11	2	148	30	0.16	11	0.002	<3
55296	<0.3	6.23	<3	27	<1	<2	6.67	<0.3	45	40	30	9.87	20	<1	0.03	2.13	32	1220	<1	1.63	8	0.044	<3
55297	<0.3	5.70	<3	34	1	<2	3.95	<0.3	22	96	46	11.0	24	<1	0.05	0.84	18	1730	<1	2.20	5	0.130	<3
55298	<0.3	6.04	3	53	<1	2	4.60	<0.3	20	69	29	10.6	26	<1	0.11	1.06	25	1510	<1	1.90	2	0.138	<3
55299	<0.3	2.31	10	17	<1	<2	1.44	1.5	7	292	35	2.50	5	<1	0.09	0.29	8	155	23	1.21	10	0.060	9

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Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55300	0.4	5.88	<3	96	<1	4	6.96	<0.3	21	76	40	7.84	19	<1	0.70	1.32	33	760	<1	1.82	6	0.076	<3
55301	<0.3	5.89	<3	13	<1	<2	5.47	0.3	29	80	27	10.5	23	<1	0.05	1.38	22	1330	<1	2.00	4	0.092	<3
55302	<0.3	6.00	<3	132	1	<2	4.45	<0.3	27	77	26	11.0	24	<1	0.25	1.08	16	1290	<1	2.89	3	0.111	<3
55303	<0.3	6.14	5	188	1	<2	4.07	<0.3	30	63	47	11.0	24	<1	0.50	1.27	18	1480	<1	2.76	4	0.075	<3
55304	0.6	5.74	<3	65	2	<2	3.65	<0.3	12	144	29	5.44	25	<1	0.19	0.46	12	702	11	3.07	5	0.056	<3
55305	<0.3	5.73	<3	80	2	<2	3.19	<0.3	6	130	45	4.73	23	<1	0.26	0.35	12	685	8	2.92	4	0.034	<3
55306	0.5	6.04	3	130	2	<2	3.60	<0.3	6	158	19	4.52	26	<1	0.47	0.31	13	714	8	2.98	7	0.042	<3
55307	<0.3	6.23	<3	158	2	<2	3.28	<0.3	5	130	17	4.47	28	<1	0.78	0.29	15	744	2	2.75	4	0.039	<3
55308	0.6	5.85	<3	108	1	<2	3.46	<0.3	7	167	59	4.04	21	<1	0.27	0.29	6	677	14	3.33	6	0.042	<3
55309	0.8	6.44	<3	95	1	<2	3.74	<0.3	30	142	226	4.89	19	<1	0.19	0.31	10	687	10	3.79	5	0.053	<3
55310	<0.3	5.25	<3	501	1	<2	13.6	<0.3	4	82	41	1.73	12	<1	1.80	1.07	10	913	9	2.09	13	0.038	5
55311	0.7	6.91	4	142	1	<2	5.26	<0.3	19	79	193	6.42	20	<1	0.24	0.30	9	871	8	4.82	5	0.064	<3
55312	0.6	4.55	<3	178	1	<2	3.51	<0.3	5	154	18	5.91	23	<1	0.28	0.33	7	775	10	3.30	4	0.050	<3
55313	0.9	7.25	4	145	<1	<2	3.39	<0.3	26	107	228	5.56	23	<1	0.19	0.49	11	617	7	4.23	3	0.058	<3
55314	0.7	6.63	<3	55	<1	<2	5.28	<0.3	22	99	253	6.92	26	<1	0.13	0.77	16	839	9	3.58	4	0.083	<3
55315	0.6	8.27	49	139	3	8	2.40	0.4	22	52	184	5.50	22	<1	2.88	1.72	2	474	<1	2.80	74	0.094	42
55316	1.0	5.61	<3	22	1	<2	2.93	<0.3	11	168	68	6.22	22	<1	0.04	0.64	10	803	12	2.87	4	0.048	<3

Results

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Ti	Ti	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55251	<5	0.28	30	121	<2	0.15	<5	<10	104	<5	13	61	6	
55252	<5	0.10	28	144	5	0.18	<5	<10	102	<5	12	57	9	
55253	<5	0.29	26	97	12	0.34	<5	<10	172	<5	12	56	7	
55254	<5	0.16	32	109	2	0.50	<5	<10	237	<5	14	76	9	
55255	<5	0.19	38	102	6	0.43	<5	<10	233	<5	16	139	5	
55256	<5	0.28	35	112	3	0.24	<5	<10	147	<5	15	97	<5	
55257	<5	0.09	35	68	7	0.21	<5	<10	136	<5	15	69	<5	
55258	<5	0.44	36	111	9	0.30	<5	<10	171	<5	17	83	5	
55259	<5	0.26	39	146	11	0.23	<5	<10	137	<5	19	85	<5	
55260	<5	0.30	<4	309	6	0.20	<5	<10	30	<5	15	63	167	
55261	<5	0.38	30	114	8	0.24	<5	<10	125	<5	13	99	7	
55262	<5	0.18	34	125	5	0.22	<5	<10	124	<5	15	79	8	
55263	<5	0.36	35	154	3	0.23	<5	<10	138	<5	15	308	14	
55264	<5	0.19	34	90	6	0.26	<5	<10	156	<5	14	113	10	
55265	<5	2.47	6	322	13	0.54	<5	<10	72	<5	6	54	70	
55266	<5	0.15	35	111	8	0.25	<5	<10	139	<5	15	77	7	
55267	<5	0.17	39	121	10	0.17	<5	<10	118	<5	17	102	<5	
55268	<5	0.33	50	124	3	0.36	<5	<10	186	<5	19	139	<5	
55269	<5	0.14	11	57	2	0.25	<5	<10	54	<5	6	49	<5	
55270	<5	0.10	38	117	7	0.25	<5	<10	198	<5	17	81	6	
55271	<5	0.27	34	101	3	0.23	<5	<10	133	<5	16	115	<5	
55272	<5	0.19	33	87	6	0.23	<5	<10	140	<5	15	112	<5	
55273	<5	0.14	34	105	7	0.52	<5	<10	221	<5	15	87	6	
55274	<5	0.10	24	76	5	0.33	<5	<10	157	<5	11	52	<5	
55275	<5	0.12	36	92	5	0.25	<5	<10	151	<5	15	86	<5	
55276	<5	0.21	33	75	12	0.18	<5	<10	131	<5	15	89	<5	
55277	<5	0.30	33	72	8	0.20	<5	<10	136	<5	14	117	5	
55278	<5	0.38	33	54	2	0.22	<5	<10	121	<5	16	207	8	
55279	<5	0.94	18	47	3	0.38	<5	20	139	<5	9	272	60	
55280	<5	0.54	27	60	4	0.26	<5	<10	104	<5	15	146	25	
55281	<5	0.88	29	53	4	0.29	<5	<10	108	9	16	575	22	
55282	<5	0.95	27	50	5	0.44	<5	<10	163	<5	12	193	51	
55283	<5	0.51	13	46	6	0.21	<5	<10	86	6	8	75	57	
55284	<5	0.27	15	96	7	0.26	<5	<10	120	9	8	56	53	
55285	<5	0.31	<4	298	3	0.19	<5	10	34	<5	14	55	153	
55286	<5	0.25	19	90	7	0.34	<5	10	147	<5	10	53	56	
55287	<5	0.28	38	68	5	0.16	<5	<10	437	<5	10	82	5	
55288	<5	0.18	19	76	10	0.32	<5	<10	127	<5	6	74	41	
55289	<5	0.11	25	52	3	0.23	<5	<10	64	<5	6	36	12	
55290	<5	3.02	5	274	10	0.53	<5	10	71	<5	6	92	65	
55291	<5	0.30	43	87	5	0.15	<5	<10	166	<5	18	82	9	
55292	<5	0.61	22	74	13	0.76	<5	<10	218	<5	13	75	35	
55293	<5	0.33	22	106	9	0.19	<5	<10	149	<5	23	97	20	
55294	<5	0.15	7	355	8	0.18	<5	<10	19	<5	24	124	31	
55295	<5	0.18	<4	21	<2	0.10	<5	<10	23	<5	2	11	<5	
55296	<5	0.55	49	80	<2	0.23	<5	<10	145	<5	23	87	5	
55297	<5	0.24	34	73	8	0.17	<5	<10	6	<5	61	131	37	
55298	<5	0.28	32	74	6	0.16	<5	<10	19	<5	50	131	46	
55299	<5	1.50	6	37	<2	0.20	<5	<10	36	18	20	423	86	

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP
55300	<5	2.88	33	82	10	0.54	<5	<10	95	12	22	49	96
55301	<5	0.69	37	97	7	0.36	<5	<10	45	<5	35	169	40
55302	<5	0.23	33	111	<2	0.19	<5	<10	21	<5	47	100	43
55303	<5	0.04	37	103	10	0.16	<5	<10	34	<5	45	95	37
55304	<5	0.58	17	86	6	0.54	<5	10	30	<5	71	43	252
55305	<5	0.07	13	77	5	0.35	<5	10	4	<5	94	50	76
55306	5	0.05	12	86	5	0.30	<5	10	4	<5	103	58	301
55307	<5	0.04	12	70	8	0.24	<5	<10	3	<5	106	56	212
55308	<5	0.26	12	109	3	0.36	<5	<10	36	<5	97	40	301
55309	<5	0.81	11	119	4	0.43	<5	10	42	<5	101	42	353
55310	5	0.30	<4	314	9	0.20	<5	10	30	<5	16	85	164
55311	<5	0.96	11	216	6	0.56	<5	10	83	<5	85	28	317
55312	<5	0.12	8	157	5	0.42	<5	10	60	<5	57	40	269
55313	<5	1.79	14	117	5	0.46	<5	10	38	<5	63	31	309
55314	<5	1.37	14	104	8	0.44	<5	10	60	12	68	48	289
55315	<5	2.53	6	329	15	0.55	<5	10	73	<5	6	57	72
55316	<5	0.51	13	82	8	0.38	<5	<10	16	9	86	77	346

QC

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-4 Meas	3.4	6.60	95	107	2	15	1.02	<0.3	15	45	6380	2.98	17	<1	2.96	1.61	10	149	292	0.51	41	0.129	46
GXR-4 Cert	4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0
SDC-1 Meas		8.04	8	613	3		1.02		18	45	29	4.82	20	<1	2.47	0.92	32	863		1.41	35	0.051	21
SDC-1 Cert		8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00		2.72	1.02	34.00	880.00		1.52	38.0	0.0690	25.00
GXR-6 Meas	0.3	13.3	219	> 1000	1	<2	0.17	<0.3	14	49	69	5.51	27	<1	1.69	0.57	32	1080	<1	0.09	27	0.033	91
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	65.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101
SAR-M (U.S.G.S.) Meas	3.6	4.95	35	739	3	<2	0.50	4.3	11		305	3.00	14		2.57	0.43	27	4530	11	1.07	43	0.063	923
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331.00000	2.99	17		2.94	0.50	27.4	5220	13.1	1.140	41.5	0.07	982
DNC-1a Meas				96					54	155	92						4				242		
DNC-1a Cert				118					57.0	270	100.00										247		
SBC-1 Meas			22	706	3	<2		<0.3	23	66	31		24				136		2		83		28
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	22.7	109	31.00000		27.0				163.0		2.40		82.8		35.0
55251 Orig	<0.3	6.25	<3	149	<1	<2	10.3	<0.3	37	154	110	6.46	16	<1	0.15	2.58	26	1300	<1	1.35	93	0.026	<3
55251 Dup	<0.3	6.30	<3	149	<1	<2	10.3	<0.3	36	152	107	6.49	17	<1	0.15	2.60	26	1300	<1	1.36	92	0.026	<3
55290 Orig	1.1	8.04	101	153	4	2	2.38	<0.3	22	56	79	5.96	22	<1	3.68	1.71	2	462	<1	3.07	75	0.085	53
55290 Dup	1.0	7.97	97	144	4	<2	2.29	<0.3	21	49	75	5.75	21	<1	3.40	1.66	2	432	<1	2.94	74	0.081	50
55292 Orig	<0.3	4.00	<3	8	<1	<2	9.32	<0.3	55	135	53	8.25	14	<1	0.02	2.07	19	1300	<1	0.14	58	0.030	<3
55292 Dup	<0.3	3.92	5	8	<1	5	9.03	<0.3	57	143	49	8.17	14	<1	0.02	2.03	18	1330	8	0.14	55	0.035	<3
55316 Orig	1.1	5.63	<3	22	1	<2	2.93	<0.3	10	165	68	6.23	22	<1	0.04	0.64	10	798	12	2.88	5	0.048	<3
55316 Dup	0.9	5.58	<3	22	1	<2	2.92	<0.3	11	171	68	6.23	22	<1	0.03	0.64	10	808	12	2.86	4	0.048	<3
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3

QC

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Ti	Ti	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-4 Meas	<5	1.66	8	221	5	0.27	<5	<10	85	41	12	70	36	
GXR-4 Cert	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186	
SDC-1 Meas	<5		16	166		0.11	<5	<10	39	<5		100	30	
SDC-1 Cert	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00	
GXR-6 Meas	<5	0.01	26	38	<2		<5	<10	122	<5	10	131	62	
GXR-6 Cert	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110	
SAR-M (U.S.G.S.) Meas	5		7	130	5	0.38	<5	<10	65	19	27	862		
SAR-M (U.S.G.S.) Cert	6.0		7.83	151	0.96	0.38	2.7	3.57	67.2	9.78	28.00	930.0		
DNC-1a Meas	<5		30	123		0.26			131		13	58	32	
DNC-1a Cert	0.96		31	144.0		0.29			148.00		18.0	70.0	38.000	
SBC-1 Meas	<5		20	167		0.46	<5	<10	202	5	27	181	101	
SBC-1 Cert	1.01		20.0	176.0		0.51	0.89	5.76	220.0	1.60	36.5	186.0	134.0	
55251 Orig	<5	0.28	30	120	8	0.16	<5	<10	106	<5	13	61	6	
55251 Dup	<5	0.28	30	121	<2	0.14	<5	<10	101	<5	13	61	5	
55290 Orig	<5	3.05	6	280	7	0.53	<5	10	73	<5	6	90	66	
55290 Dup	<5	2.98	5	268	14	0.52	<5	10	69	<5	6	94	64	

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Ti	Ti	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	1	5
Method Code	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP
55292 Orig	< 5	0.61	22	74	7	0.39	< 5	< 10	143	< 5	13	82	14	
55292 Dup	< 5	0.62	21	73	20	1.13	< 5	< 10	293	5	13	68	56	
55316 Orig	< 5	0.51	13	82	8	0.38	< 5	< 10	16	8	87	75	345	
55316 Dup	< 5	0.51	13	82	8	0.39	< 5	< 10	16	10	85	80	347	
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	



Quality Analysis ...



Innovative Technologies

**Date Submitted:** 04-Dec-14  
**Invoice No.:** A14-09582  
**Invoice Date:** 15-Dec-14  
**Your Reference:** 34756 SG14-1829 TERRAX

Techni-Lab Abitibi Inc.(Actlabs)  
184 Rue Principale  
Ste-Germaine-Boule Quebec J0Z 1M0  
Canada

ATTN: Andre Caouette

## CERTIFICATE OF ANALYSIS

106 Pulp samples were submitted for analysis.

The following analytical package was requested:

Code 1F2 Total Digestion ICP(TOTAL)

REPORT      **A14-09582**

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé , Ph.D.  
Quality Control

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Results

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55451	<0.3	3.04	7	44	<1	3	5.37	<0.3	45	201	98	8.65	12	<1	0.07	2.17	7	1380	<1	0.55	63	0.032	<3
55452	<0.3	4.08	<3	67	<1	2	8.33	<0.3	66	42	99	12.3	19	<1	0.07	3.46	11	2050	<1	0.30	91	0.047	<3
55453	<0.3	4.75	4	185	1	2	8.74	0.4	77	28	285	14.1	20	<1	0.39	3.69	14	1940	<1	0.48	128	0.042	4
55454	<0.3	3.48	<3	144	1	<2	9.26	0.3	78	84	260	14.2	19	<1	0.37	3.93	13	1650	<1	0.60	138	0.040	4
55455	<0.3	3.06	<3	46	<1	<2	12.9	0.4	58	139	157	12.9	12	<1	0.06	4.39	8	3600	<1	0.80	116	0.009	5
55456	<0.3	3.12	<3	25	<1	<2	9.51	<0.3	59	507	488	8.77	13	<1	0.08	5.73	11	1360	<1	0.28	312	0.028	<3
55457	0.4	1.94	24	9	<1	<2	15.0	1.4	63	534	77	10.3	11	<1	<0.01	6.05	5	3000	<1	0.20	357	0.002	<3
55458	<0.3	2.58	3	<7	<1	2	12.5	0.5	55	418	63	11.2	14	<1	<0.01	6.18	10	2610	<1	0.20	330	0.010	<3
55459	<0.3	6.06	<3	23	<1	12	5.54	0.5	67	172	82	14.2	20	<1	0.08	2.99	18	2210	<1	1.46	51	0.043	<3
55460	0.4	4.87	4	452	1	<2	13.5	<0.3	3	202	30	1.68	12	<1	1.83	0.98	9	943	11	2.02	11	0.038	5
55461	<0.3	4.50	<3	19	<1	5	5.35	0.5	47	162	278	12.0	17	<1	0.02	2.17	7	2020	1	1.03	8	0.013	<3
55462	<0.3	5.26	<3	87	<1	3	3.95	0.5	56	82	129	14.8	18	<1	0.06	3.01	14	2110	<1	1.07	4	0.031	<3
55463	<0.3	5.84	3	224	1	<2	4.19	0.4	18	114	18	10.7	25	<1	0.09	0.87	9	1940	<1	2.41	4	0.123	<3
55464	<0.3	6.28	27	132	1	<2	4.27	0.4	21	124	75	12.3	27	<1	0.10	1.01	12	2190	<1	2.60	3	0.133	<3
55465	1.0	8.17	97	124	4	3	2.39	0.3	20	50	79	6.06	22	<1	2.15	1.73	2	482	<1	3.00	73	0.085	50
55466	<0.3	6.14	14	184	1	5	5.58	<0.3	19	131	76	11.5	29	<1	0.14	1.01	10	2040	1	2.77	4	0.135	4
55467	<0.3	6.26	<3	319	1	<2	3.94	0.4	21	126	72	12.2	27	<1	0.12	1.00	11	2260	<1	2.57	4	0.158	<3
55468	<0.3	6.30	4	124	1	<2	4.22	0.4	19	119	66	12.4	26	<1	0.09	0.98	12	2130	<1	2.47	4	0.162	5
55469	<0.3	6.36	<3	90	2	<2	3.67	<0.3	19	154	46	12.2	26	<1	0.08	0.92	11	2340	<1	2.44	4	0.156	<3
55470	<0.3	5.95	4	68	1	5	5.04	0.8	25	143	73	10.2	25	<1	0.09	1.34	12	1550	1	2.06	16	0.118	<3
55471	<0.3	5.89	6	108	<1	4	7.46	<0.3	33	214	81	7.64	17	<1	0.12	2.47	14	1240	11	1.95	53	0.034	<3
55472	<0.3	8.13	<3	23	<1	<2	7.22	<0.3	50	319	222	8.61	17	<1	0.04	3.54	23	1350	<1	1.87	132	0.032	<3
55473	<0.3	7.82	<3	25	<1	<2	10.5	<0.3	48	245	104	9.09	17	<1	0.04	3.99	32	1760	<1	1.31	127	0.028	<3
55474	<0.3	7.78	<3	75	<1	<2	7.97	<0.3	44	210	124	8.59	18	<1	0.05	3.59	33	1400	<1	1.81	116	0.026	<3
55475	<0.3	7.23	<3	73	<1	<2	7.82	<0.3	45	189	124	8.55	14	<1	0.04	3.57	33	1350	<1	1.76	117	0.025	<3
55476	<0.3	7.46	<3	49	<1	<2	8.98	<0.3	45	154	141	8.84	19	<1	0.08	3.70	31	1410	<1	1.67	118	0.025	<3
55477	<0.3	6.86	5	17	<1	<2	9.33	<0.3	41	189	133	8.10	17	<1	0.09	3.39	25	1380	1	1.60	104	0.024	<3
55478	<0.3	7.17	<3	32	<1	<2	7.64	<0.3	43	173	123	8.33	15	<1	0.18	3.54	38	1410	<1	1.89	113	0.025	<3
55479	<0.3	7.24	24	149	<1	<2	7.77	<0.3	45	170	120	8.34	15	<1	0.64	3.52	45	1350	<1	1.29	115	0.025	<3
55480	<0.3	1.80	15	143	<1	<2	2.26	<0.3	10	446	28	2.08	4	<1	0.47	0.82	14	382	27	0.24	34	0.003	<3
55481	<0.3	7.73	14	134	<1	2	8.75	<0.3	47	263	107	8.86	17	<1	0.35	3.79	44	1530	<1	1.21	116	0.027	<3
55482	<0.3	7.49	3	48	<1	<2	6.93	<0.3	45	230	98	8.81	15	1	0.19	3.73	37	1370	<1	1.55	117	0.024	<3
55483	<0.3	7.73	6	32	<1	<2	6.60	<0.3	47	197	131	8.90	16	<1	0.10	3.84	42	1290	<1	1.38	122	0.026	<3
55484	<0.3	7.92	4	85	<1	<2	9.10	0.5	42	170	98	7.96	16	<1	0.38	3.29	48	1350	<1	2.10	105	0.020	<3
55485	<0.3	5.39	<3	493	1	<2	14.3	<0.3	4	71	86	1.82	13	<1	1.98	1.09	10	954	9	2.09	12	0.037	5
55486	<0.3	6.08	23	87	<1	<2	7.10	<0.3	39	261	101	7.58	13	<1	0.44	3.17	36	1320	1	1.94	92	0.022	<3
55487	<0.3	6.58	20	312	<1	<2	7.63	<0.3	41	192	117	7.74	16	<1	1.35	3.21	33	1430	2	1.13	105	0.022	<3
55488	<0.3	7.12	22	53	<1	<2	8.38	<0.3	44	144	131	8.54	17	<1	0.10	3.50	32	1370	<1	1.20	110	0.025	<3
55489	<0.3	7.45	<3	61	<1	<2	6.89	<0.3	46	163	136	8.65	17	<1	0.13	3.69	37	1370	<1	2.05	111	0.026	<3
55490	0.7	8.69	68	119	3	10	2.60	<0.3	22	81	202	5.90	22	<1	2.21	1.87	3	536	2	2.99	78	0.104	49
55491	<0.3	8.86	<3	120	<1	<2	8.24	<0.3	41	187	131	7.71	15	<1	0.19	3.12	43	1240	<1	1.90	102	0.025	<3
55492	<0.3	6.22	<3	232	<1	<2	7.44	<0.3	39	167	114	7.38	15	<1	0.45	3.17	27	1320	1	2.36	96	0.025	3
55493	<0.3	6.59	7	92	<1	<2	7.11	<0.3	41	159	110	7.78	14	<1	0.24	3.14	32	1330	<1	2.25	100	0.021	<3
55494	<0.3	7.72	3	21	<1	<2	7.30	<0.3	50	160	124	9.37	17	<1	0.09	3.96	35	1460	<1	1.66	122	0.025	<3
55495	<0.3	7.52	<3	22	<1	<2	5.62	<0.3	43	85	95	10.0	20	<1	0.07	3.19	39	1480	<1	2.72	56	0.041	<3
55496	<0.3	7.07	12	155	1	2	6.08	0.3	34	189	101	5.74	23	<1	2.24	2.58	20	949	6	1.45	108	0.042	<3
55497	0.4	7.21	14	658	1	<2	7.45	0.6	34	190	58	5.48	18	<1	2.57	2.68	25	1060	<1	0.49	126	0.038	<3
55498	<0.3	7.94	<3	46	<1	<2	5.56	<0.3	40	141	59	8.06	17	<1	0.06	3.45	43	1200	<1	2.38	116	0.041	<3
55499	<0.3	6.35	<3	37	<1	3	5.83	<0.3	54	109	138	9.42	16	<1	0.11	4.32	29	1280	2	1.30	81	0.026	<3

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55500	<0.3	6.67	<3	194	<1	<2	7.83	<0.3	42	114	76	8.68	22	<1	0.66	3.47	32	1530	<1	1.78	50	0.028	<3
55951	<0.3	5.64	<3	187	<1	<2	7.91	0.4	54	304	209	9.92	20	<1	0.59	3.69	22	1440	<1	1.22	194	0.025	<3
55952	<0.3	6.54	<3	56	<1	<2	6.84	<0.3	55	26	150	11.3	20	<1	0.12	2.99	19	1510	<1	1.62	15	0.021	<3
55953	<0.3	7.02	<3	78	<1	<2	5.80	0.3	64	43	66	12.9	22	<1	0.26	3.28	22	1580	<1	1.85	9	0.023	<3
55954	<0.3	7.19	<3	58	<1	<2	6.56	0.3	65	29	89	13.2	23	<1	0.24	3.42	24	1700	<1	1.91	18	0.024	<3
55955	<0.3	7.04	<3	74	<1	<2	6.35	0.4	58	41	27.6	12.6	22	<1	0.27	3.49	22	1610	<1	2.20	20	0.021	<3
55956	<0.3	7.31	<3	52	<1	8	6.72	0.4	66	35	176	13.6	23	<1	0.29	3.29	19	1730	<1	2.40	12	0.030	<3
55957	<0.3	7.28	5	87	<1	<2	6.51	0.3	63	29	66	13.2	23	<1	0.29	3.29	19	1730	<1	2.40	12	0.030	<3
55958	<0.3	2.57	<3	50	<1	<2	5.66	<0.3	111	1220	133	10.5	9	<1	0.29	10.9	17	1470	<1	0.24	1240	0.033	<3
55959	<0.3	2.44	<3	54	<1	<2	5.55	<0.3	113	1850	134	10.6	9	<1	0.37	11.0	18	1410	<1	0.07	1350	0.023	<3
55960	<0.3	4.99	<3	481	1	<2	13.4	<0.3	4	113	68	17.3	12	<1	1.85	0.99	9	899	9	1.97	11	0.039	6
55961	<0.3	2.22	<3	86	<1	<2	6.47	0.6	102	1790	103	9.41	9	<1	0.47	10.2	19	1600	<1	0.09	1190	0.025	<3
55962	0.5	2.96	<3	73	<1	<2	7.26	0.7	92	1560	97	9.34	11	<1	0.28	7.39	15	1490	<1	0.02	1100	0.021	<3
55963	<0.3	6.58	<3	84	<1	<2	5.95	<0.3	58	52	156	11.6	21	<1	0.13	3.26	19	1660	<1	2.23	28	0.026	<3
55964	<0.3	6.87	8	20	<1	<2	5.73	0.3	52	37	235	11.5	22	<1	0.03	3.16	25	1350	<1	1.60	22	0.019	3
55965	1.1	8.30	103	137	4	4	2.44	<0.3	21	54	83	6.16	22	<1	3.74	1.75	2	475	1	3.07	75	0.087	55
55966	<0.3	4.66	13	66	<1	<2	6.13	<0.3	43	147	143	8.61	18	<1	0.16	2.17	17	1260	<1	1.35	30	0.041	<3
55967	<0.3	5.09	11	93	<1	<2	7.31	<0.3	58	31	46	11.8	18	<1	0.21	2.70	26	1310	<1	0.87	13	0.018	4
55968	<0.3	1.22	<3	11	<1	<2	24.5	<0.3	12	18	8	3.58	4	<1	0.02	0.72	5	3290	<1	0.21	3	0.004	<3
55969	<0.3	5.31	<3	10	<1	<2	13.0	<0.3	44	224	412	7.22	13	<1	0.03	3.76	7	1590	<1	0.61	183	0.027	<3
55970	<0.3	3.21	<3	49	1	<2	10.6	<0.3	61	241	427	8.99	12	<1	0.17	5.35	10	1590	<1	0.70	275	0.026	<3
55971	<0.3	4.18	<3	63	<1	<2	10.2	0.3	50	119	104	8.87	13	<1	0.11	4.14	14	1750	<1	1.22	181	0.033	4
55972	<0.3	7.90	6	37	2	<2	8.54	0.4	50	135	132	11.0	23	<1	0.03	2.85	10	1650	2	1.36	80	0.190	7
55973	<0.3	7.79	<3	144	1	2	6.54	0.4	55	63	97	12.1	21	<1	0.10	2.60	16	1930	<1	1.63	5	0.108	3
55974	<0.3	2.51	<3	65	<1	<2	2.78	<0.3	18	259	53	4.97	8	<1	0.03	1.06	7	875	<1	0.95	9	0.025	<3
55975	<0.3	2.08	<3	51	<1	<2	2.85	<0.3	16	316	39	4.54	6	<1	0.02	1.00	5	907	<1	0.92	10	0.026	<3
55976	<0.3	7.00	<3	87	1	3	6.02	0.3	46	57	50	12.1	20	<1	0.04	3.01	20	2010	<1	2.99	6	0.065	4
55977	<0.3	3.61	<3	45	<1	3	2.34	<0.3	19	397	80	4.02	6	<1	0.02	0.76	6	717	13	2.10	18	0.098	<3
55978	<0.3	7.70	3	77	<1	<2	5.82	<0.3	31	67	146	8.98	22	<1	0.03	2.29	11	1770	<1	3.87	27	0.053	<3
55979	<0.3	7.92	7	134	2	2	6.21	<0.3	51	51	52	11.1	22	<1	0.15	2.72	23	1710	<1	2.75	4	0.071	<3
55980	<0.3	8.80	3	143	2	3	6.21	<0.3	44	55	153	11.9	24	<1	0.28	1.93	18	1930	<1	3.04	3	0.153	5
55981	<0.3	7.75	6	134	2	4	6.25	0.4	79	83	156	12.5	23	<1	0.26	1.50	16	1820	<1	2.94	12	0.268	8
55982	<0.3	8.60	<3	140	2	<2	5.32	0.3	37	60	110	11.4	24	<1	0.24	1.57	18	1790	<1	3.03	7	0.176	<3
55983	<0.3	7.81	<3	151	2	<2	5.58	0.3	49	46	244	10.00	20	<1	0.14	1.28	12	1550	<1	4.18	7	0.206	4
55984	<0.3	6.76	<3	74	<1	<2	7.31	<0.3	46	41	364	10.6	16	<1	0.07	1.69	7	1970	<1	4.16	12	0.225	5
55985	<0.3	7.22	<3	125	1	3	6.32	<0.3	41	43	254	9.63	17	<1	0.13	1.54	10	1740	<1	4.26	7	0.228	4
55986	<0.3	5.51	3	503	1	<2	14.0	<0.3	4	84	43	1.78	13	<1	1.96	0.99	9	907	10	2.11	15	0.036	7
55987	<0.3	7.16	<3	115	1	3	5.51	<0.3	37	62	82	10.7	20	<1	0.12	1.56	15	1810	<1	3.27	5	0.180	<3
55988	<0.3	7.18	5	175	3	4	4.35	0.3	33	83	99	9.99	21	<1	0.21	1.01	15	1630	6	3.69	2	0.157	<3
55989	<0.3	2.08	<3	72	1	<2	6.45	0.3	107	1750	109	10.3	9	<1	0.29	9.85	10	1430	2	0.23	1010	0.017	<3
55990	0.9	8.69	51	121	3	10	2.52	0.7	22	71	199	5.84	23	<1	2.38	1.82	2	508	<1	2.91	75	0.100	47
55991	<0.3	2.27	<3	24	<1	<2	3.62	0.4	115	2030	120	10.6	8	<1	0.11	11.8	15	1530	<1	0.03	1310	0.023	3
55992	<0.3	2.26	<3	18	<1	<2	4.01	<0.3	117	1770	123	10.6	8	<1	0.08	12.3	16	1690	<1	0.03	1560	0.022	<3
55993	<0.3	2.32	<3	<7	<1	<2	3.55	<0.3	124	1580	136	10.9	9	<1	0.01	12.3	14	1570	<1	0.02	1390	0.022	<3
55994	<0.3	2.24	<3	38	<1	<2	3.64	<0.3	115	1260	115	10.7	9	<1	0.27	12.4	19	1640	<1	0.05	1390	0.022	4
55995	<0.3	2.25	<3	139	<1	<2	4.50	<0.3	114	1230	122	10.1	9	<1	0.84	11.4	28	1500	<1	0.05	1320	0.024	<3
55996	<0.3	2.67	<3	145	1	<2	6.74	0.4	83	826	255	9.19	10	<1	0.68	8.58	26	1480	<1	0.22	841	0.022	<3
55997	<0.3	7.80	<3	17	<1	3	8.77	0.4	50	176	185	11.8	31	<1	0.02	4.69	10	2180	<1	0.81	193	0.017	<3
55998	<0.3	5.68	4	225	2	12	6.66	0.4	60	51	94	13.0	20	<1	0.38	2.52	20	2020	4	1.42	26	0.119	<3
55999	<0.3	5.47	<3	567	2	<2	8.70	0.3	70	43	116	13.4	20	<1	0.79	3.17	32	2040	<1	0.81	57	0.062	<3

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code																							
56000	<0.3	7.18	<3	153	1	<2	6.10	<0.3	41	88	97	10.3	22	<1	0.19	2.01	14	1660	<1	3.02	12	0.042	<3
56001	<0.3	7.72	<3	112	<1	4	4.15	<0.3	40	44	35	11.3	23	<1	0.11	1.63	15	1820	<1	3.28	3	0.038	<3
56002	0.4	6.48	63	157	<1	3	5.37	0.3	34	73	84	10.7	26	<1	0.35	1.47	12	1540	<1	3.25	6	0.036	<3
56003	0.6	6.99	15	54	1	3	8.01	<0.3	31	50	123	9.57	21	<1	0.11	1.47	15	1800	3	3.52	8	0.130	<3
56004	0.3	7.78	9	135	<1	<2	5.52	0.3	43	27	179	12.4	23	<1	0.59	2.32	29	1910	<1	2.86	9	0.132	<3
56005	<0.3	6.59	<3	98	<1	<2	8.26	<0.3	52	174	112	11.8	21	<1	0.97	3.34	25	1880	<1	2.28	110	0.076	5
56006	<0.3	4.64	18	311	2	<2	8.11	2.4	35	119	125	9.41	19	<1	0.96	1.89	22	1520	<1	2.15	70	0.091	4

Results

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55451	<5	0.27	23	155	6	0.38	<5	<10	158	<5	10	81	16	
55452	<5	0.44	35	157	<2	0.15	<5	<10	127	<5	14	129	5	
55453	<5	0.24	37	226	<2	0.13	<5	<10	156	<5	17	130	7	
55454	<5	0.20	42	216	3	0.20	<5	<10	225	<5	17	108	9	
55455	<5	1.42	31	227	<2	0.45	<5	<10	137	<5	9	93	47	
55456	<5	0.12	61	115	<2	0.20	<5	<10	112	<5	11	71	17	
55457	<5	0.34	49	187	2	0.42	<5	<10	122	<5	9	207	31	
55458	<5	0.23	55	152	<2	0.34	<5	<10	99	<5	9	139	24	
55459	<5	0.29	35	146	15	1.71	<5	<10	240	8	17	162	36	
55460	<5	0.31	<4	281	<2	0.31	<5	10	33	5	15	52	158	
55461	<5	1.54	21	117	4	0.70	<5	<10	121	<5	9	189	28	
55462	<5	1.37	23	91	5	0.57	<5	<10	57	<5	9	186	27	
55463	<5	0.04	29	219	<2	0.21	<5	<10	4	<5	64	167	37	
55464	<5	0.36	34	139	5	0.17	<5	<10	5	<5	69	199	23	
55465	<5	3.13	5	283	10	0.56	<5	10	72	<5	6	89	66	
55466	<5	1.32	33	187	8	0.52	<5	<10	9	<5	66	148	43	
55467	<5	0.06	35	176	4	0.13	<5	<10	5	<5	72	208	17	
55468	<5	0.09	34	170	4	0.23	<5	<10	4	6	73	229	25	
55469	<5	0.09	34	183	<2	0.23	<5	<10	5	<5	81	211	45	
55470	<5	0.80	32	164	6	0.65	<5	<10	79	<5	55	163	59	
55471	<5	0.38	27	207	9	0.67	<5	<10	246	7	16	78	46	
55472	<5	0.29	36	97	3	0.36	<5	<10	186	<5	18	84	8	
55473	<5	0.22	38	114	7	0.32	<5	<10	171	<5	18	90	6	
55474	<5	0.23	37	117	<2	0.16	<5	<10	126	<5	17	100	5	
55475	<5	0.23	35	114	<2	0.22	<5	<10	130	<5	17	94	6	
55476	<5	0.33	36	131	<2	0.23	<5	<10	132	<5	17	85	<5	
55477	<5	0.22	32	123	4	0.27	<5	<10	128	<5	15	75	<5	
55478	<5	0.21	35	94	<2	0.18	<5	<10	116	<5	15	84	5	
55479	<5	0.17	37	116	4	0.20	<5	<10	131	<5	16	83	7	
55480	<5	0.13	9	31	<2	0.13	<5	<10	57	<5	4	24	8	
55481	<5	0.20	38	117	6	0.44	<5	<10	197	<5	18	85	7	
55482	<5	0.16	38	117	7	0.24	<5	<10	157	<5	16	81	5	
55483	<5	0.18	40	126	6	0.18	<5	<10	125	<5	17	82	<5	
55484	<5	0.14	33	119	<2	0.25	<5	<10	141	<5	13	141	<5	
55485	<5	0.34	4	320	6	0.22	<5	10	34	<5	17	77	159	
55486	<5	0.18	32	97	10	0.23	<5	<10	126	<5	7	71	12	
55487	<5	0.49	33	131	<2	0.33	<5	<10	155	<5	7	70	20	
55488	<5	0.20	35	106	6	0.19	<5	<10	115	<5	18	115	<5	
55489	<5	0.19	38	163	<2	0.23	<5	<10	124	<5	16	82	<5	
55490	<5	2.73	6	359	10	0.62	<5	10	80	<5	7	61	77	
55491	<5	0.20	35	94	<2	0.16	<5	<10	118	<5	13	77	7	
55492	<5	0.40	32	333	3	0.29	<5	<10	136	<5	10	70	17	
55493	<5	0.33	34	175	<2	0.14	<5	<10	108	<5	11	75	6	
55494	<5	0.08	39	155	6	0.34	<5	190	205	<5	19	92	5	
55495	<5	0.09	38	216	4	0.26	<5	<10	132	<5	17	83	15	
55496	<5	1.23	20	128	7	0.42	<5	<10	155	7	7	120	73	
55497	<5	0.37	18	101	<2	0.20	<5	<10	95	<5	9	186	40	
55498	<5	0.12	28	106	<2	0.21	<5	<10	105	<5	11	80	25	
55499	<5	0.12	34	54	9	0.58	<5	<10	242	<5	12	93	9	

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55500	<5	0.15	36	159	6	0.28	<5	<10	153	<5	18	110	33
55951	<5	0.54	40	173	<2	0.29	<5	<10	380	<5	11	108	15
55952	<5	0.32	49	150	<2	0.11	<5	<10	452	<5	9	104	5
55953	<5	0.20	55	121	<2	0.23	<5	<10	532	<5	19	119	9
55954	<5	0.17	57	126	<2	0.23	<5	<10	473	<5	19	117	9
55955	<5	0.11	56	118	<2	0.31	<5	<10	496	<5	19	124	11
55956	<5	0.18	58	140	5	1.04	<5	10	757	<5	19	116	18
55957	<5	0.18	56	131	<2	0.32	<5	<10	414	<5	19	120	10
55958	<5	0.13	20	79	5	0.32	<5	<10	131	<5	7	82	45
55959	<5	0.17	19	78	6	0.27	<5	<10	129	<5	6	84	42
55960	<5	0.34	<4	314	3	0.22	<5	10	33	<5	16	57	152
55961	<5	0.20	17	85	3	0.38	<5	10	125	<5	6	77	44
55962	<5	0.28	20	85	<2	0.32	<5	<10	233	<5	6	160	43
55963	<5	0.76	51	139	4	0.34	<5	<10	420	<5	8	103	8
55964	<5	0.29	54	127	<2	0.12	<5	<10	387	<5	9	116	10
55965	<5	3.19	5	293	11	0.57	<5	10	75	<5	6	90	66
55966	<5	1.80	39	158	4	0.37	<5	<10	145	<5	9	74	14
55967	<5	0.38	42	60	5	0.16	<5	<10	206	<5	12	74	8
55968	<5	0.24	28	214	<2	0.30	<5	<10	121	<5	41	20	7
55969	<5	0.13	39	235	<2	0.24	<5	<10	126	<5	10	55	27
55970	<5	0.13	64	152	2	0.21	<5	<10	124	<5	11	76	27
55971	<5	0.11	44	203	3	0.19	<5	<10	80	<5	14	95	43
55972	<5	0.61	21	602	4	0.34	<5	<10	115	<5	17	117	45
55973	<5	0.37	13	418	<2	0.16	<5	<10	36	<5	19	138	13
55974	<5	0.21	7	103	<2	0.23	<5	<10	47	<5	7	50	12
55975	<5	0.23	6	91	<2	0.27	<5	<10	39	<5	6	41	15
55976	<5	0.37	17	221	<2	0.21	<5	10	71	<5	15	135	12
55977	<5	0.35	5	115	3	0.62	<5	<10	50	<5	8	38	31
55978	<5	0.71	19	273	6	0.33	<5	20	111	<5	9	90	15
55979	<5	0.06	14	315	<2	0.11	<5	<10	24	<5	21	135	13
55980	<5	0.33	6	432	<2	0.14	<5	10	8	<5	29	139	18
55981	<5	1.76	4	403	4	0.48	<5	10	12	<5	30	128	29
55982	<5	0.33	4	368	3	0.16	<5	10	11	<5	28	147	24
55983	<5	1.13	5	395	<2	0.38	<5	20	38	<5	25	86	42
55984	<5	1.75	10	297	<2	0.37	<5	10	98	<5	23	57	53
55985	<5	1.41	9	295	2	0.22	<5	20	84	<5	25	73	52
55986	<5	0.35	<4	317	<2	0.38	<5	10	35	<5	17	55	156
55987	<5	0.57	6	250	2	0.46	<5	10	43	<5	25	118	59
55988	5	0.76	<4	347	5	0.71	<5	10	47	<5	23	119	101
55989	<5	0.29	21	86	<2	0.37	<5	<10	147	<5	5	83	34
55990	<5	2.72	6	349	7	0.60	<5	10	79	<5	7	60	74
55991	<5	0.14	18	104	3	0.28	<5	<10	124	<5	5	81	40
55992	<5	0.16	18	131	4	0.30	<5	<10	124	<5	6	81	38
55993	<5	0.17	18	110	5	0.28	<5	<10	127	<5	5	83	46
55994	<5	0.12	18	95	4	0.28	<5	<10	122	<5	5	83	42
55995	<5	0.16	18	92	<2	0.30	<5	<10	128	<5	6	81	37
55996	<5	0.15	32	139	<2	0.31	<5	<10	138	<5	8	74	33
55997	<5	0.66	46	425	<2	0.50	<5	<10	594	<5	8	139	51
55998	5	0.50	16	193	17	1.67	<5	<10	269	7	23	141	90
55999	<5	0.15	27	142	4	0.44	<5	<10	178	6	20	130	24

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code													
56000	< 5	0.59	37	164	3	0.33	< 5	< 10	81	< 5	18	105	9
56001	< 5	0.27	36	197	< 2	0.08	< 5	< 10	41	< 5	24	125	< 5
56002	< 5	2.13	32	225	< 2	0.47	< 5	< 10	48	< 5	18	112	6
56003	< 5	0.74	5	286	2	0.54	< 5	20	83	< 5	25	105	166
56004	< 5	0.68	13	252	4	0.41	< 5	10	82	< 5	27	142	108
56005	< 5	0.92	34	292	< 2	0.35	< 5	< 10	125	< 5	16	122	44
56006	< 5	0.71	30	425	< 2	0.31	< 5	< 10	79	8	32	607	42

QC

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-4 Meas	3.6	6.76	102	80	2	15	1.03	0.3	14	51	6540	3.09	16	<1	3.01	1.65	11	154	314	0.48	40	0.131	47
GXR-4 Cert	4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0
GXR-4 Meas	3.5	6.82	102	91	2	11	1.03	<0.3	13	44	6640	3.11	17	<1	3.36	1.65	10	149	308	0.49	39	0.131	45
GXR-4 Cert	4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0
SDC-1 Meas	8.98	9	630	3	3	51	1.11		19	51	32	5.16	22	<1	2.46	1.03	34	951		1.52	36	0.057	23
SDC-1 Cert	8.34	0.220	530	3.00	3.00	18.0	1.00	4.82	18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34.00	880.00		1.52	38.0	0.0680	25.00
SDC-1 Meas	8.82	9	601	3	3	48	1.09		18	48	31	4.96	22	<1	2.40	1.00	33	921		1.49	37	0.054	21
SDC-1 Cert	8.34	0.220	530	3.00	3.00	18.0	1.00	4.82	18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34.00	880.00		1.52	38.0	0.0680	25.00
GXR-6 Meas	0.5	12.4	306	> 1000	<1	2	0.16	<0.3	13	57	68	5.39	28	<1	1.81	0.56	30	1100	2	0.09	25	0.037	91
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101
GXR-6 Meas	0.4	13.7	249	> 1000	1	<2	0.18	<0.3	13	70	70	5.75	29	<1	1.79	0.61	32	1110	<1	0.09	26	0.035	96
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8		66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101
SAR-M (U.S.G.S.) Meas	4.2	6.53	35	776	4	2	0.64	4.9	11		326	3.45	15		3.03	0.50	28	5050	7	1.16	47	0.062	1020
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331.0000	2.99	17		2.94	0.50	27.4	5220	13.1	1.140	41.5	0.07	982
SAR-M (U.S.G.S.) Meas	3.5	6.20	28	712	3	<2	0.63	4.8	10		327	3.31	16		2.79	0.48	29	4980	4	1.11	44	0.061	983
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331.0000	2.99	17		2.94	0.50	27.4	5220	13.1	1.140	41.5	0.07	982
DNC-1a Meas				100					56	242	105						5						261
DNC-1a Cert				118					57.0	270	100.00						5.20						247
DNC-1a Meas				93					53	128	100						4						249
DNC-1a Cert				118					57.0	270	100.00						5.20						247
SBC-1 Meas			19	491	3	2	0.5	21	101	34			25				141		2				28
SBC-1 Cert			25.7	788.0	3.20	0.70	0.40	22.7	109	31.0000			27.0				163.0		2.40				35.0
SBC-1 Meas			25	449	3	4	0.4	23	86	33			28				149		2				29
SBC-1 Cert			25.7	788.0	3.20	0.70	0.40	22.7	109	31.0000			27.0				163.0		2.40				35.0
55477 Orig	<0.3	6.89	6	17	<1	<2	9.35	<0.3	41	187	131	8.15	17	<1	0.09	3.41	25	1390	1	1.61	103	0.024	<3
55477 Dup	<0.3	6.83	4	17	<1	<2	9.30	<0.3	41	190	134	8.06	17	<1	0.09	3.37	25	1390	1	1.59	104	0.024	<3
55966 Orig	<0.3	4.64	14	66	<1	<2	6.11	<0.3	44	157	145	8.63	17	<1	0.16	2.18	17	1260	<1	1.35	30	0.041	<3
55966 Dup	<0.3	4.88	12	66	<1	<2	6.15	<0.3	42	138	142	8.60	18	<1	0.16	2.17	17	1260	<1	1.34	29	0.041	<3
55968 Orig	<0.3	1.27	<3	11	<1	<2	25.3	<0.3	13	19	8	3.72	4	<1	0.02	0.75	5	3380	<1	0.22	4	0.004	<3
55968 Dup	<0.3	1.17	4	10	<1	2	23.7	<0.3	12	17	8	3.45	3	<1	0.02	0.69	5	3200	<1	0.20	3	0.005	<3
55966 Orig	<0.3	2.62	<3	144	1	<2	6.65	0.5	82	751	250	9.12	10	<1	0.66	8.45	26	1470	<1	0.22	830	0.022	<3
55966 Dup	<0.3	2.72	<3	146	1	<2	6.82	0.4	85	901	259	9.25	11	<1	0.69	8.71	26	1500	<1	0.22	852	0.022	<3
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	2	<1	<0.01	<1	<0.001	<3
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3
Method Blank	<0.3	0.02	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3

QC



Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Ti	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP
GXR-4 Meas	< 5	1.74	8	212	4	0.29	< 5	< 10	88	41	13	73	37
GXR-4 Cert	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186
GXR-4 Meas	< 5	1.75	8	211	8	0.29	< 5	< 10	86	39	13	72	36
GXR-4 Cert	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186
SDC-1 Meas	< 5	17	182	182	182	0.23	< 5	< 10	57	< 5	108	108	36
SDC-1 Cert	0.54	17.00	180.00	180.00	180.00	0.006	0.70	3.10	102.00	0.80	103.00	103.00	290.00
SDC-1 Meas	< 5	16	176	176	176	0.18	< 5	< 10	50	< 5	106	106	37
SDC-1 Cert	0.54	17.00	180.00	180.00	180.00	0.006	0.70	3.10	102.00	0.80	103.00	103.00	290.00
GXR-6 Meas	< 5	0.01	25	36	3		< 5	< 10	179	< 5	11	128	93
GXR-6 Cert	3.60	0.0160	27.6	35.0	0.0180	2.20	2.20	1.54	186	1.90	14.0	118	110
GXR-6 Meas	< 5	0.02	26	40	< 2		< 5	< 10	130	< 5	10	133	62
GXR-6 Cert	3.60	0.0160	27.6	35.0	0.0180	2.20	2.20	1.54	186	1.90	14.0	118	110
SAR-M (U.S.G.S.) Meas	< 5		10	154	3	0.38	< 5	< 10	67	18	35	963	
SAR-M (U.S.G.S.) Cert	6.0	7.83	151	151	0.96	0.38	2.7	3.57	67.2	9.78	28.00	930.0	
SAR-M (U.S.G.S.) Meas	< 5		9	150	4	0.28	< 5	< 10	54	13	34	925	
SAR-M (U.S.G.S.) Cert	6.0	7.83	151	151	0.96	0.38	2.7	3.57	67.2	9.78	28.00	930.0	
DNC-1a Meas	< 5	31	136	136	136	0.30			144		15	64	34
DNC-1a Cert	0.96	31	144.0	144.0	144.0	0.29			148.00		18.0	70.0	38.000
DNC-1a Meas	< 5	30	130	130	130	0.29			141		14	61	32
DNC-1a Cert	0.96	31	144.0	144.0	144.0	0.29			148.00		18.0	70.0	38.000
SBC-1 Meas	< 5	20	172	172	172	0.49	< 5	< 10	207	7	28	185	104
SBC-1 Cert	1.01	20.0	178.0	178.0	178.0	0.51	0.89	5.76	220.0	1.60	36.5	186.0	134.0
SBC-1 Meas	< 5	21	186	186	186	0.54	< 5	< 10	225	< 5	29	192	107
SBC-1 Cert	1.01	20.0	178.0	178.0	178.0	0.51	0.89	5.76	220.0	1.60	36.5	186.0	134.0
55477 Orig	< 5	0.22	32	124	4	0.27	< 5	< 10	129	< 5	15	75	< 5
55477 Dup	< 5	0.22	32	123	3	0.28	< 5	< 10	126	< 5	15	75	< 5
55966 Orig	< 5	1.81	39	157	5	0.36	< 5	< 10	141	< 5	9	74	15
55966 Dup	< 5	1.79	39	160	4	0.39	< 5	< 10	150	< 5	9	75	13
55968 Orig	< 5	0.25	29	222	< 2	0.27	< 5	< 10	121	< 5	42	21	7
55968 Dup	< 5	0.23	27	206	< 2	0.32	< 5	< 10	120	< 5	40	20	7
55986 Orig	< 5	0.15	32	137	< 2	0.28	< 5	< 10	130	< 5	8	74	31
55986 Dup	< 5	0.15	33	141	< 2	0.34	< 5	< 10	146	< 5	8	74	35
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5

Quality Analysis ...



Innovative Technologies

**Date Submitted:** 04-Dec-14  
**Invoice No.:** A14-09584  
**Invoice Date:** 15-Dec-14  
**Your Reference:** 34746 SG14-1818 TERRAX

Techni-Lab Abitibi Inc.(Actlabs)  
184 Rue Principale  
Ste-Germaine-Boule Quebec J0Z 1M0  
Canada

ATTN: Andre Caouette

## CERTIFICATE OF ANALYSIS

134 Pulp samples were submitted for analysis.

The following analytical package was requested:

Code 1F2 Total Digestion ICP(TOTAL)

REPORT      **A14-09584**

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé".

Emmanuel Esemé , Ph.D.  
Quality Control

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Results

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55317	0.4	6.42	<3	253	1	<2	5.70	2.7	41	51	141	10.2	23	<1	0.77	1.84	19	1330	<1	2.44	15	0.051	4
55318	<0.3	6.79	<3	222	<1	4	4.95	<0.3	38	58	44	9.09	19	<1	0.73	1.90	16	1230	<1	3.02	15	0.058	<3
55319	<0.3	9.03	<3	32	<1	<2	3.68	<0.3	23	35	10	7.09	18	<1	0.06	1.79	17	815	2	4.47	5	0.086	<3
55320	0.5	9.03	5	30	<1	<2	4.28	<0.3	24	30	10	7.14	18	<1	0.06	1.81	17	876	3	4.40	7	0.083	<3
55321	<0.3	8.50	<3	199	1	3	5.04	<0.3	22	30	18	6.12	22	<1	0.49	1.10	19	839	2	4.78	4	0.086	<3
55322	0.3	6.31	<3	46	1	3	6.29	0.3	30	89	38	10.2	23	<1	1.02	0.96	23	1230	<1	2.54	5	0.102	<3
55323	<0.3	6.61	5	59	<1	<2	4.61	<0.3	34	67	28	12.0	23	<1	0.17	1.52	17	1850	<1	2.55	6	0.088	<3
55324	<0.3	6.44	3	307	1	<2	6.10	0.5	46	76	65	13.1	27	<1	0.83	2.41	27	1910	<1	2.04	14	0.059	<3
55325	<0.3	7.34	<3	373	1	<2	5.51	<0.3	44	57	129	11.8	24	<1	0.87	2.50	30	1670	<1	2.31	15	0.058	<3
55326	<0.3	6.86	<3	50	<1	2	4.92	0.4	36	89	33	12.4	25	<1	0.18	1.91	20	1900	<1	2.40	5	0.085	<3
55327	<0.3	5.96	5	69	<1	<2	5.11	0.4	28	75	29	12.2	24	<1	0.18	0.97	14	1770	<1	2.34	3	0.140	3
55328	<0.3	6.00	5	187	1	<2	4.91	<0.3	20	105	17	10.9	26	<1	0.58	0.37	11	1400	<1	2.45	4	0.125	<3
55329	0.3	5.70	<3	80	<1	4	5.63	<0.3	17	83	27	9.49	23	<1	0.21	0.51	9	1250	<1	3.04	3	0.115	4
55330	0.5	5.56	9	72	1	2	4.84	0.3	18	275	42	6.83	20	<1	0.56	1.56	17	1140	8	2.55	32	0.069	<3
55331	0.8	5.93	7	129	2	<2	3.48	<0.3	7	136	39	7.77	27	<1	0.75	0.23	12	988	9	2.91	3	0.068	<3
55332	0.6	6.02	3	114	2	3	2.79	<0.3	8	166	27	8.46	26	<1	0.57	0.31	9	1010	12	3.13	4	0.080	<3
55333	0.5	6.06	<3	106	2	3	3.38	<0.3	7	147	11	9.19	26	<1	0.29	0.28	9	1280	11	3.43	6	0.091	<3
55334	0.5	6.02	9	45	2	3	3.45	<0.3	7	166	18	9.85	27	<1	0.11	0.38	9	1360	11	3.30	5	0.104	<3
55335	0.5	5.38	<3	471	1	<2	13.9	<0.3	4	71	38	1.70	13	<1	1.91	1.06	10	946	7	2.14	12	0.039	4
55336	0.5	5.18	<3	38	1	3	3.19	<0.3	8	148	15	8.94	25	<1	0.09	0.44	9	1430	10	3.15	3	0.120	<3
55337	0.5	5.92	<3	87	1	3	3.16	<0.3	8	142	16	8.92	24	<1	0.15	0.51	7	1530	9	3.36	3	0.132	<3
55338	<0.3	5.99	<3	50	2	<2	3.41	<0.3	8	148	9	8.78	25	<1	0.10	0.49	7	1500	2	3.37	4	0.116	<3
55339	<0.3	6.09	5	50	1	<2	3.37	<0.3	10	137	5	10.2	26	<1	0.08	0.56	7	1790	2	3.36	3	0.139	<3
55340	<0.3	6.05	4	47	1	<2	3.13	<0.3	10	153	8	9.92	26	<1	0.08	0.54	7	1770	3	3.29	4	0.131	<3
55341	<0.3	6.19	<3	100	1	<2	3.92	<0.3	14	125	18	11.5	25	<1	0.11	0.70	6	2470	<1	3.42	4	0.166	<3
55342	<0.3	6.07	<3	103	1	4	4.22	<0.3	15	139	13	11.1	26	<1	0.11	0.70	7	2350	2	3.26	3	0.159	<3
55343	<0.3	6.44	7	93	1	6	4.66	<0.3	21	113	8	13.5	30	<1	0.08	0.85	10	2630	2	3.40	8	0.185	<3
55344	<0.3	6.50	<3	232	<1	<2	7.48	<0.3	36	122	69	8.13	18	<1	0.94	3.14	21	1320	1	1.81	92	0.023	<3
55345	<0.3	6.23	<3	112	<1	<2	3.09	<0.3	15	231	12	2.93	12	<1	0.47	1.48	21	437	10	2.51	69	0.033	<3
55346	<0.3	8.16	<3	92	<1	<2	5.13	<0.3	44	129	69	10.1	22	<1	0.42	3.60	23	1350	<1	2.53	80	0.040	<3
55347	<0.3	7.84	<3	32	<1	5	5.54	<0.3	46	156	102	9.95	21	<1	0.16	3.72	19	1290	<1	2.19	74	0.048	<3
55348	<0.3	7.08	<3	79	<1	<2	7.53	<0.3	40	220	65	9.08	18	<1	0.23	3.43	22	1400	<1	1.80	82	0.037	<3
55349	<0.3	7.88	<3	23	<1	<2	7.91	<0.3	37	161	132	8.97	21	<1	0.07	3.53	20	1270	<1	1.67	73	0.044	<3
55350	<0.3	7.98	3	28	<1	3	6.58	<0.3	45	124	95	10.1	21	<1	0.13	3.57	15	1380	<1	2.31	85	0.041	<3
55351	<0.3	5.66	<3	7	<1	<2	9.19	<0.3	33	177	81	6.89	13	<1	0.03	3.00	26	1260	<1	0.88	89	0.020	<3
55352	<0.3	9.20	<3	47	<1	5	7.25	<0.3	56	186	103	10.6	20	<1	0.09	4.75	35	1570	1	1.62	137	0.047	<3
55353	<0.3	6.52	4	42	<1	<2	7.46	<0.3	41	195	124	7.84	20	<1	0.05	3.22	26	1100	5	1.43	101	0.033	5
55354	<0.3	3.54	<3	20	<1	<2	19.5	<0.3	17	106	32	4.87	9	<1	0.07	1.98	19	1120	4	0.55	40	0.016	9
55355	<0.3	6.96	<3	41	<1	<2	8.62	<0.3	39	185	114	7.57	18	<1	0.07	3.23	49	1030	1	1.34	102	0.029	<3
55356	<0.3	7.16	<3	34	<1	<2	9.29	<0.3	40	193	89	7.87	14	<1	0.16	3.09	32	1350	<1	2.00	103	0.023	<3
55357	<0.3	7.24	3	40	<1	3	6.74	<0.3	46	266	116	9.29	16	<1	0.13	3.41	29	1540	3	1.84	102	0.030	<3
55358	<0.3	7.62	<3	49	<1	<2	7.46	<0.3	47	335	133	9.57	17	<1	0.14	4.27	29	1600	<1	1.83	123	0.072	<3
55359	<0.3	7.08	12	114	<1	<2	7.13	0.4	44	242	137	9.07	15	<1	0.20	3.59	36	1410	<1	1.36	106	0.026	<3
55360	0.3	5.54	4	517	1	<2	13.8	<0.3	4	94	51	1.93	13	<1	1.98	0.99	10	893	10	2.18	13	0.037	7
55361	<0.3	4.81	<3	239	<1	<2	3.97	<0.3	30	269	84	5.54	11	<1	0.35	2.39	28	783	9	0.74	72	0.020	<3
55362	<0.3	7.56	<3	77	<1	2	6.93	<0.3	47	145	139	8.65	17	<1	0.11	3.65	37	1400	<1	1.70	116	0.025	<3
55363	<0.3	6.66	<3	54	<1	<2	7.19	0.9	54	82	276	10.2	18	<1	0.19	3.59	18	1500	<1	2.02	53	0.022	<3
55364	<0.3	5.03	<3	107	1	<2	7.31	0.7	43	273	101	8.52	12	<1	0.15	2.47	18	1520	<1	1.50	142	0.052	<3
55365	1.2	8.65	97	120	4	4	2.48	0.4	21	56	84	6.34	23	<1	3.59	1.80	2	494	<1	3.14	99	0.089	53

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55366	<0.3	7.34	<3	144	2	3	6.09	<0.3	31	74	118	9.02	18	<1	0.19	1.48	19	1600	<1	3.08	6	0.119	<3
55367	<0.3	7.00	4	242	2	3	5.42	1.5	45	117	130	10.8	22	<1	0.37	1.50	22	1630	<1	2.86	6	0.130	4
55368	0.4	5.78	<3	116	1	3	3.82	1.3	25	169	135	8.58	18	<1	0.16	0.88	12	1260	12	3.01	7	0.126	<3
55369	<0.3	7.45	4	169	2	<2	5.98	0.9	44	67	188	11.1	20	<1	0.32	1.96	19	1660	<1	2.47	6	0.112	<3
55370	<0.3	8.72	4	195	2	3	4.79	0.3	37	49	93	11.6	22	<1	0.35	1.60	19	1980	<1	3.46	4	0.126	4
55371	<0.3	7.73	<3	176	2	2	5.82	<0.3	38	60	190	9.98	19	<1	0.30	1.62	17	1580	<1	3.43	8	0.156	<3
55372	<0.3	7.92	<3	243	2	<2	5.20	<0.3	41	31	107	10.9	21	<1	0.41	1.78	24	1870	<1	3.11	4	0.123	4
55373	0.4	8.10	7	140	1	<2	5.37	<0.3	30	40	171	8.92	22	<1	0.23	1.12	16	1320	<1	3.82	6	0.163	<3
55374	0.7	8.08	<3	121	2	3	4.98	0.5	47	41	255	8.44	18	<1	0.19	0.88	14	1060	2	4.51	8	0.190	<3
55375	0.8	7.99	<3	111	2	4	5.31	<0.3	91	52	267	9.88	20	<1	0.16	1.02	15	1100	2	4.21	12	0.227	<3
55376	0.3	7.44	<3	270	1	<2	5.77	0.4	39	37	251	9.72	22	<1	0.47	1.39	23	1640	<1	3.40	6	0.126	<3
55377	<0.3	7.15	4	179	2	6	5.20	0.4	32	96	97	10.5	22	<1	0.29	1.19	17	2090	6	3.13	4	0.204	<3
55378	<0.3	7.20	<3	152	2	5	5.23	<0.3	45	87	98	10.7	22	<1	0.22	0.99	15	1980	5	3.12	4	0.151	<3
55379	<0.3	8.44	4	119	2	<2	5.59	0.4	30	79	102	10.2	23	<1	0.22	1.15	15	1740	<1	3.67	4	0.118	4
55380	<0.3	7.77	<3	122	2	3	5.76	<0.3	41	50	247	9.56	19	<1	0.20	1.27	12	1470	<1	3.89	8	0.122	<3
55381	<0.3	7.44	<3	236	2	<2	6.38	0.6	47	39	136	12.2	20	<1	0.43	2.42	25	1980	<1	2.38	10	0.084	6
55382	<0.3	7.60	3	229	2	<2	6.91	0.7	56	28	45	13.0	23	<1	0.45	2.64	24	2120	<1	2.28	9	0.084	4
55383	<0.3	7.72	<3	114	2	<2	6.16	0.5	41	36	148	10.5	21	<1	0.21	1.72	15	1530	<1	3.38	8	0.133	<3
55384	0.3	7.16	<3	120	2	4	6.76	<0.3	43	26	300	9.60	18	<1	0.19	1.84	15	1630	<1	3.21	12	0.126	<3
55385	<0.3	5.79	<3	537	1	2	13.6	<0.3	5	82	55	2.09	14	<1	2.10	1.01	10	934	10	2.23	12	0.040	6
55386	<0.3	8.10	<3	219	2	<2	4.92	0.6	43	29	103	12.1	21	<1	0.39	1.90	21	1920	<1	3.23	7	0.138	<3
55387	0.4	8.08	3	104	2	3	5.28	<0.3	33	57	256	9.58	20	<1	0.17	1.02	11	1360	2	3.70	7	0.146	<3
55388	<0.3	6.42	8	82	<1	10	7.53	<0.3	60	72	122	11.9	25	<1	0.11	3.78	12	1740	2	0.68	133	0.225	<3
55389	<0.3	2.83	8	53	<1	<2	11.6	0.5	100	72	428	14.4	12	<1	0.04	4.39	10	2770	<1	0.71	188	0.018	4
55390	0.7	8.52	57	128	3	8	2.48	0.5	21	69	199	5.71	21	<1	2.56	1.79	2	509	<1	2.85	75	0.098	49
55391	<0.3	4.41	<3	114	2	<2	8.21	0.5	74	27	445	13.3	19	<1	0.37	3.90	18	1650	<1	0.53	164	0.043	5
55392	<0.3	4.31	5	199	<1	2	7.31	0.4	62	327	302	11.3	20	<1	0.78	3.91	26	1630	<1	0.69	201	0.030	3
55393	<0.3	4.45	4	223	<1	<2	9.54	<0.3	34	78	60	8.55	18	<1	0.34	1.32	8	1500	<1	1.80	5	0.017	<3
55394	<0.3	5.97	<3	195	<1	<2	7.49	<0.3	51	34	87	11.4	22	<1	0.54	1.96	14	1570	<1	2.38	8	0.025	3
55395	<0.3	6.72	5	319	1	<2	7.98	0.5	35	49	62	13.1	24	<1	0.30	1.66	22	2220	<1	1.92	3	0.086	5
55396	<0.3	6.28	<3	87	1	<2	4.88	0.3	36	67	58	12.6	23	<1	0.13	1.47	12	1980	<1	2.23	3	0.076	<3
55397	<0.3	6.15	<3	101	<1	<2	4.55	0.4	54	54	16	16.0	27	<1	0.25	1.79	15	2310	<1	2.04	2	0.071	4
55398	<0.3	6.05	10	52	<1	<2	17.5	<0.3	30	185	75	6.52	13	<1	0.15	2.84	33	2130	1	1.21	85	0.018	<3
55399	<0.3	6.90	9	40	<1	<2	12.6	0.6	45	175	167	8.10	15	<1	0.10	3.56	36	1630	<1	1.45	119	0.021	<3
55400	<0.3	8.79	<3	65	<1	2	9.15	<0.3	55	189	282	9.53	17	<1	0.12	3.94	46	1660	<1	1.75	135	0.022	<3
55401	<0.3	7.41	<3	333	<1	<2	7.57	0.4	46	179	150	8.49	18	<1	0.47	3.70	38	1350	<1	1.58	117	0.026	<3
55402	<0.3	7.14	4	41	<1	<2	6.81	0.6	46	180	193	8.23	15	<1	0.12	3.58	24	1360	<1	1.51	112	0.023	<3
55403	<0.3	6.49	40	249	<1	2	7.12	<0.3	34	242	86	6.90	16	<1	1.02	2.91	25	1150	9	0.52	92	0.089	<3
55404	<0.3	7.83	20	237	<1	<2	7.47	<0.3	45	182	119	8.81	17	<1	1.10	3.64	44	1400	<1	0.99	122	0.025	<3
55405	<0.3	7.31	45	340	<1	2	7.79	<0.3	45	235	133	8.21	18	<1	1.38	3.30	33	1280	1	0.66	112	0.029	<3
55406	<0.3	7.41	24	157	<1	2	7.42	<0.3	47	256	114	8.64	18	<1	0.61	3.61	39	1340	3	1.28	115	0.020	<3
55407	<0.3	6.25	5	36	<1	2	9.10	<0.3	38	183	86	6.91	14	<1	0.28	2.65	39	1360	3	2.23	97	0.025	<3
55408	<0.3	7.46	<3	58	<1	<2	8.60	<0.3	45	184	111	8.10	16	<1	0.31	3.20	37	1300	<1	2.13	110	0.024	<3
55409	<0.3	7.70	<3	57	<1	<2	7.69	<0.3	47	229	138	8.82	18	<1	0.11	3.70	27	1430	<1	1.45	113	0.025	<3
55410	0.3	5.51	4	519	1	<2	14.0	<0.3	4	69	62	1.93	12	<1	2.02	1.05	10	891	7	2.12	12	0.040	5
55411	<0.3	8.11	<3	189	<1	<2	6.60	<0.3	45	114	129	8.81	17	<1	0.20	3.73	26	1450	<1	2.25	104	0.032	<3
55412	<0.3	8.65	3	210	<1	3	5.18	<0.3	34	110	77	7.65	16	<1	0.23	2.83	22	1160	2	3.07	72	0.068	9
55413	<0.3	8.49	<3	112	<1	3	7.26	0.4	46	160	142	8.93	18	<1	0.16	3.73	26	1380	2	2.28	114	0.038	<3
55414	<0.3	8.34	<3	152	<1	4	6.94	<0.3	43	144	115	8.66	19	<1	0.22	3.53	26	1400	3	2.26	103	0.046	6
55415	1.4	8.84	109	132	4	4	2.52	0.4	21	55	95	6.47	24	<1	4.38	1.84	2	499	<1	3.20	78	0.092	53

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Nb	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP	TD-HCP
55476	<0.3	8.05	<3	46	<1	3	7.82	<0.3	50	161	164	9.33	16	<1	0.10	3.97	33	1530	1	1.75	121	0.029	<3
55417	<0.3	7.33	<3	257	<1	<2	7.64	<0.3	42	164	111	8.20	17	<1	0.44	3.42	38	1240	<1	1.89	101	0.028	<3
55418	<0.3	5.96	6	237	1	3	6.78	0.4	37	217	96	7.17	18	<1	0.34	2.85	29	1280	4	2.21	93	0.029	<3
55419	<0.3	6.40	14	187	1	3	5.61	<0.3	37	226	97	7.39	23	<1	0.18	2.92	19	1300	5	3.38	92	0.023	<3
55420	<0.3	5.81	56	50	1	3	6.03	<0.3	38	249	92	7.03	23	<1	0.60	2.79	19	1060	10	2.39	97	0.058	4
55421	<0.3	7.27	4	266	<1	<2	7.09	<0.3	41	212	96	8.06	15	<1	0.81	3.52	33	1410	<1	2.00	115	0.023	3
55422	<0.3	7.65	<3	35	<1	<2	7.45	<0.3	45	141	99	8.26	16	<1	0.07	3.49	41	1290	<1	2.10	121	0.025	<3
55423	<0.3	6.87	31	48	<1	3	6.95	<0.3	41	200	113	8.02	20	<1	0.09	3.40	33	1260	3	1.90	114	0.027	<3
55424	<0.3	7.10	<3	30	<1	3	9.07	<0.3	48	184	131	9.01	16	<1	0.11	3.11	32	1380	5	1.18	112	0.026	<3
55425	<0.3	6.93	4	28	<1	3	9.30	<0.3	49	173	134	8.49	16	<1	0.10	2.91	28	1330	4	1.08	104	0.023	5
55426	<0.3	7.51	5	181	<1	<2	7.11	0.5	38	127	75	7.78	21	<1	0.68	2.94	25	1310	1	2.30	87	0.036	<3
55427	<0.3	6.30	3	66	<1	<2	6.34	0.9	54	64	114	11.1	23	<1	1.38	2.76	26	1320	<1	1.82	16	0.023	4
55428	<0.3	4.79	<3	60	1	12	7.30	0.4	83	37	206	14.2	19	<1	0.12	3.26	15	1960	2	0.42	103	0.054	<3
55429	<0.3	5.85	<3	189	2	<2	7.94	0.4	72	38	314	14.3	21	<1	0.47	3.42	19	1940	<1	1.18	86	0.066	4
55430	<0.3	5.23	<3	167	2	<2	8.71	0.8	76	31	233	15.6	22	<1	0.38	3.66	21	2080	<1	0.60	112	0.042	4
55431	<0.3	5.82	<3	76	2	<2	8.99	0.4	90	34	264	13.9	22	<1	0.20	3.48	13	1750	<1	0.66	150	0.046	<3
55432	<0.3	5.25	<3	123	2	<2	8.72	0.4	80	25	399	15.4	21	<1	0.25	3.60	16	2010	<1	0.78	143	0.051	7
55433	<0.3	5.44	9	158	2	<2	9.33	0.4	81	28	323	14.8	22	<1	0.37	3.55	18	2000	<1	0.87	103	0.057	3
55434	<0.3	6.77	4	207	2	<2	8.11	0.3	61	45	150	13.6	24	<1	0.30	3.25	20	2080	<1	1.03	53	0.076	<3
55435	0.4	5.40	<3	494	1	<2	14.2	<0.3	4	70	95	1.95	13	<1	1.98	1.09	10	935	7	2.09	13	0.038	6
55436	<0.3	6.85	<3	154	3	<2	6.34	0.3	51	30	148	12.2	21	<1	0.24	2.28	19	1730	<1	2.40	14	0.089	3
55437	<0.3	6.72	<3	157	2	<2	6.81	<0.3	43	37	144	11.2	18	<1	0.19	2.29	16	1870	<1	2.78	10	0.096	<3
55438	<0.3	4.16	4	24	<1	<2	8.29	0.3	72	72	511	12.0	20	<1	0.04	4.09	26	1760	<1	0.41	197	0.034	<3
55439	<0.3	3.54	5	122	<1	4	3.61	<0.3	35	240	78	6.37	13	<1	0.19	1.38	8	942	2	1.69	35	0.029	<3
55440	0.8	8.85	57	95	3	10	2.54	0.6	22	53	196	5.92	22	<1	3.09	1.84	3	514	<1	2.96	76	0.101	49
55441	0.7	5.31	13	34	<1	<2	7.25	<0.3	40	74	85	10.7	21	<1	0.08	1.52	19	1620	<1	1.08	6	0.030	3
55442	<0.3	4.80	3	162	<1	<2	10.3	<0.3	35	53	28	10.6	18	<1	0.15	1.73	18	2210	<1	1.04	4	0.031	<3
55443	<0.3	6.63	3	203	<1	<2	5.42	0.3	44	48	70	13.1	22	<1	0.21	1.96	16	2200	<1	1.92	3	0.042	4
55444	<0.3	4.67	3	150	<1	<2	3.80	<0.3	32	185	83	9.83	17	<1	0.18	1.42	12	1700	<1	1.41	4	0.036	<3
55445	<0.3	5.68	7	326	<1	11	4.26	0.5	49	63	56	13.5	22	<1	0.31	1.81	14	2190	3	2.26	4	0.055	<3
55446	<0.3	7.02	<3	124	<1	3	5.46	0.3	38	46	86	12.6	24	<1	0.17	1.87	20	2210	<1	2.41	3	0.037	4
55447	<0.3	6.57	3	140	<1	<2	4.95	0.6	37	43	25	13.8	23	<1	0.21	1.91	16	2110	<1	1.97	2	0.059	3
55448	<0.3	5.93	<3	105	<1	<2	4.65	<0.3	38	94	54	11.2	24	<1	0.48	1.78	19	1520	<1	2.29	4	0.050	<3
55449	<0.3	6.71	<3	206	<1	3	5.78	<0.3	53	36	45	11.6	21	<1	0.60	2.66	23	1640	<1	2.29	6	0.023	<3
55450	<0.3	5.88	3	145	<1	<2	6.90	0.6	48	65	66	11.7	23	<1	0.89	2.33	27	2030	<1	2.04	6	0.025	5

Results

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55317	<5	1.09	40	135	<2	0.39	<5	<10	165	13	30	980	52
55318	<5	1.01	33	143	9	0.57	<5	10	314	<5	19	117	57
55319	<5	0.15	20	130	6	0.43	<5	20	144	<5	15	81	90
55320	<5	0.15	20	134	3	0.43	<5	20	144	6	16	79	89
55321	<5	0.37	18	149	5	0.40	<5	20	125	<5	15	89	87
55322	<5	2.12	32	126	6	0.45	<5	<10	42	<5	42	98	61
55323	<5	0.14	40	123	<2	0.11	<5	<10	42	<5	48	134	18
55324	<5	0.91	48	89	2	0.36	<5	<10	151	5	36	154	15
55325	<5	0.18	44	148	5	0.18	<5	<10	187	<5	35	116	19
55326	<5	0.10	41	140	5	0.19	<5	<10	45	<5	54	114	30
55327	<5	0.47	32	85	<2	0.29	<5	<10	15	<5	59	109	30
55328	<5	0.54	29	103	6	0.49	<5	<10	10	<5	67	104	82
55329	<5	0.96	25	162	6	0.52	<5	10	28	<5	49	95	141
55330	<5	0.59	21	131	4	0.44	<5	<10	72	<5	28	72	210
55331	<5	1.06	17	99	4	0.47	<5	10	11	<5	38	55	266
55332	<5	0.93	18	80	3	0.51	<5	10	10	<5	48	59	238
55333	<5	0.48	18	92	10	0.52	<5	10	9	<5	78	76	221
55334	<5	0.39	20	102	9	0.52	<5	10	9	<5	75	87	211
55335	<5	0.32	<4	285	<2	0.21	<5	10	32	<5	17	53	168
55336	<5	0.03	17	104	10	0.57	<5	10	7	<5	56	91	223
55337	<5	0.57	23	102	2	0.60	<5	10	9	<5	57	95	211
55338	<5	0.08	22	106	<2	0.38	<5	10	5	<5	75	91	85
55339	<5	0.12	24	105	11	0.34	<5	20	5	<5	84	109	75
55340	<5	0.11	23	102	<2	0.34	<5	10	5	<5	83	105	60
55341	<5	0.32	29	128	10	0.28	<5	<10	6	<5	86	145	52
55342	<5	0.52	29	124	8	0.45	<5	<10	6	<5	81	137	70
55343	<5	0.12	31	145	13	0.65	<5	10	23	<5	85	161	127
55344	<5	0.25	28	279	<2	0.38	<5	<10	155	<5	12	90	37
55345	<5	0.04	11	79	9	0.20	<5	<10	67	<5	7	58	58
55346	<5	0.59	38	105	7	0.41	<5	<10	178	<5	28	82	28
55347	<5	0.74	37	171	6	0.71	<5	<10	261	<5	26	104	33
55348	<5	0.17	31	194	5	0.20	<5	<10	120	<5	20	79	17
55349	<5	0.18	34	121	<2	0.21	<5	<10	124	<5	25	54	5
55350	<5	0.31	39	147	<2	0.19	<5	<10	133	<5	27	88	6
55351	<5	0.23	26	95	<2	0.18	<5	<10	112	<5	13	76	<5
55352	<5	0.13	45	125	<2	0.65	<5	<10	277	<5	21	105	7
55353	<5	0.47	31	93	3	0.38	<5	<10	196	<5	13	87	11
55354	<5	0.23	27	53	<2	0.09	<5	10	136	<5	12	71	<5
55355	<5	0.39	34	115	6	0.32	<5	<10	164	<5	16	103	5
55356	<5	0.13	35	96	<2	0.23	<5	<10	128	<5	16	69	<5
55357	<5	0.47	36	157	4	0.57	<5	<10	248	<5	16	92	7
55358	<5	0.24	37	213	<2	0.40	<5	<10	206	<5	18	123	11
55359	<5	0.33	36	104	<2	0.23	<5	<10	141	<5	17	178	6
55360	6	0.34	4	302	3	0.23	<5	10	38	<5	17	76	161
55361	<5	0.23	25	81	<2	0.34	<5	<10	159	<5	11	51	11
55362	<5	0.14	37	105	<2	0.39	<5	<10	189	<5	18	83	8
55363	<5	1.19	46	143	<2	0.32	<5	<10	378	<5	13	174	23
55364	<5	0.36	15	168	<2	0.15	<5	<10	43	<5	15	269	12
55365	<5	3.31	6	296	10	0.58	<5	10	76	<5	6	92	67

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55366	<5	0.65	6	315	<2	0.38	<5	10	26	<5	18	160	31
55367	<5	0.96	<4	359	10	0.42	<5	10	24	7	23	502	41
55368	<5	0.79	<4	313	<2	0.51	<5	10	48	7	17	348	68
55369	<5	0.61	9	339	<2	0.36	<5	<10	45	<5	25	274	39
55370	<5	0.33	6	380	2	0.20	<5	10	23	<5	28	149	25
55371	<5	0.83	7	324	8	0.44	<5	10	43	<5	25	115	49
55372	<5	0.61	7	378	4	0.35	<5	10	26	<5	25	137	30
55373	<5	0.99	4	349	8	0.39	<5	20	46	<5	25	106	75
55374	<5	1.75	<4	364	6	0.57	<5	20	77	<5	23	178	117
55375	<5	3.21	<4	340	6	0.60	<5	20	82	<5	25	145	111
55376	<5	0.87	6	303	5	0.44	<5	10	44	<5	24	165	66
55377	<5	0.20	<4	411	7	0.83	<5	10	26	<5	23	165	85
55378	<5	0.92	<4	491	12	0.66	<5	10	23	<5	24	136	94
55379	<5	0.49	<4	549	<2	0.34	<5	10	23	<5	28	139	68
55380	<5	1.47	5	399	2	0.45	<5	20	82	<5	26	78	114
55381	<5	0.44	14	280	<2	0.18	<5	<10	43	<5	26	136	14
55382	<5	0.21	14	257	<2	0.22	<5	<10	33	<5	27	149	17
55383	<5	0.75	10	301	5	0.40	<5	10	63	<5	27	100	55
55384	<5	0.78	10	300	<2	0.54	<5	340	82	<5	24	87	91
55385	<5	0.35	5	384	<2	0.24	<5	10	37	<5	17	61	155
55386	<5	0.31	8	242	2	0.46	<5	10	57	<5	29	200	71
55387	<5	1.63	<4	361	5	0.48	<5	20	151	<5	27	81	124
55388	<5	0.43	37	295	14	1.32	<5	<10	604	<5	13	124	68
55389	<5	1.66	39	218	7	0.49	<5	<10	167	<5	9	94	55
55390	<5	2.64	6	344	9	0.59	<5	10	77	<5	6	56	72
55391	<5	0.35	42	158	<2	0.15	<5	<10	153	<5	16	137	7
55392	<5	0.38	38	212	<2	0.21	<5	<10	110	<5	14	118	8
55393	<5	0.51	27	276	2	0.27	<5	<10	55	<5	13	87	<5
55394	<5	0.37	40	157	3	0.30	<5	<10	159	<5	13	108	10
55395	<5	0.89	36	205	<2	0.36	<5	10	22	<5	39	189	21
55396	<5	0.81	39	253	<2	0.40	<5	<10	40	<5	38	161	12
55397	<5	0.72	46	109	<2	0.30	<5	<10	8	<5	38	155	6
55398	<5	0.22	27	123	<2	0.31	<5	<10	147	<5	13	78	6
55399	<5	0.33	37	130	<2	0.26	<5	<10	121	<5	14	223	<5
55400	<5	0.48	32	138	3	0.33	<5	<10	114	<5	18	106	<5
55401	<5	0.37	37	152	5	0.23	<5	<10	128	<5	17	88	<5
55402	<5	0.25	34	98	<2	0.15	5	<10	104	<5	16	89	<5
55403	<5	0.56	32	158	3	0.40	<5	<10	221	6	10	65	25
55404	<5	0.28	39	145	12	0.35	<5	<10	187	<5	11	89	15
55405	<5	0.48	35	139	6	0.35	<5	<10	179	<5	9	82	17
55406	<5	0.66	37	187	11	0.46	<5	<10	247	<5	13	84	32
55407	<5	0.12	31	96	<2	0.49	<5	<10	213	6	10	74	6
55408	<5	0.11	37	95	2	0.26	<5	<10	171	<5	13	83	5
55409	<5	0.17	36	135	<2	0.26	<5	<10	139	<5	17	87	<5
55410	<5	0.35	4	357	7	0.23	<5	10	35	<5	17	56	152
55411	<5	0.50	37	122	<2	0.27	<5	<10	122	<5	17	83	7
55412	<5	0.81	26	123	6	0.44	<5	10	148	<5	18	90	34
55413	<5	0.88	37	173	5	0.50	<5	<10	212	<5	19	76	12
55414	<5	0.43	34	149	8	0.56	<5	<10	228	<5	18	88	19
55415	<5	3.34	6	302	9	0.59	<5	10	80	<5	6	97	66

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP	ID-ICP
55416	<5	0.30	40	159	4	0.38	<5	<10	184	<5	19	89	<5
55417	<5	0.28	33	151	<2	0.22	<5	<10	140	<5	13	87	11
55418	<5	0.34	28	316	2	0.48	<5	<10	229	8	8	125	25
55419	<5	0.93	30	483	5	0.49	<5	10	227	7	6	71	38
55420	<5	1.51	28	383	<2	0.45	<5	<10	204	10	7	75	31
55421	<5	0.17	35	159	2	0.21	<5	<10	125	<5	11	78	9
55422	<5	0.16	35	127	<2	0.24	<5	<10	135	<5	15	86	<5
55423	<5	1.11	32	133	<2	0.42	<5	<10	203	<5	14	83	14
55424	<5	0.63	31	152	3	0.51	<5	<10	220	<5	16	125	<5
55425	<5	0.65	31	150	<2	0.47	<5	<10	192	<5	15	124	5
55426	<5	0.55	27	140	<2	0.39	<5	<10	160	<5	9	215	34
55427	<5	1.58	47	161	<2	0.38	<5	<10	373	<5	13	203	11
55428	<5	1.25	23	217	14	1.62	<5	<10	448	<5	12	138	72
55429	<5	0.23	29	209	5	0.28	<5	<10	213	<5	22	145	21
55430	<5	0.34	32	139	<2	0.27	<5	<10	265	<5	19	255	11
55431	<5	0.59	36	228	<2	0.31	<5	<10	261	<5	16	153	16
55432	<5	0.99	33	226	3	0.32	<5	<10	161	<5	17	141	8
55433	<5	0.52	32	292	7	0.33	<5	10	200	7	20	136	17
55434	<5	0.58	28	280	2	0.34	<5	<10	192	<5	19	154	21
55435	<5	0.36	4	356	<2	0.22	<5	10	34	<5	17	58	164
55436	<5	0.96	13	229	<2	0.36	<5	10	56	<5	24	130	17
55437	<5	0.89	14	270	<2	0.39	<5	<10	56	<5	22	113	14
55438	<5	0.36	45	213	<2	0.16	<5	<10	130	<5	13	97	9
55439	<5	1.02	20	152	4	0.56	<5	<10	143	<5	7	50	34
55440	<5	2.74	6	353	8	0.61	<5	10	78	<5	7	60	74
55441	<5	0.26	25	156	<2	0.09	<5	<10	31	<5	21	120	<5
55442	<5	0.15	22	107	4	0.13	<5	<10	7	<5	19	109	5
55443	<5	0.97	36	230	3	0.37	<5	<10	10	<5	20	146	6
55444	<5	0.39	28	107	<2	0.34	<5	<10	40	<5	21	135	13
55445	<5	0.58	30	126	14	1.40	<5	<10	56	<5	27	183	51
55446	<5	1.74	43	204	3	0.43	<5	<10	13	<5	16	141	5
55447	<5	0.66	43	134	<2	0.29	<5	<10	6	<5	18	263	5
55448	<5	1.62	38	106	3	0.40	<5	<10	82	<5	25	122	20
55449	<5	0.28	50	159	6	0.21	<5	10	237	<5	18	108	8
55450	<5	1.22	37	163	<2	0.34	<5	<10	72	<5	19	137	10



QC

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	
GXR-4 Meas	3.6	6.76	102	80	2	15	1.03	0.3	14	51	6540	3.09	16	<1	3.01	1.65	11	154	314	0.48	40	0.131	47	
GXR-4 Cert	4.0	7.20	96.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	
GXR-4 Meas	3.5	6.82	102	91	2	11	1.03	<0.3	13	44	6640	3.11	17	<1	3.36	1.65	10	149	308	0.49	39	0.131	45	
GXR-4 Cert	4.0	7.20	96.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	
SDC-1 Meas	8.98	9	630	3	3	3	1.11	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	
SDC-1 Cert	8.34	0.220	630	3.00	3.00	3.00	1.00	0.860	14.6	64.0	30.000	4.82	21.00	0.20	2.72	1.02	34.00	880.00		1.52	38.0	0.0690	25.00	
SDC-1 Meas	8.52	9	601	3	3	3	1.09	0.860	14.6	64.0	31	4.96	22	<1	2.40	1.00	33	921		1.49	37	0.054	21	
SDC-1 Cert	8.34	0.220	630	3.00	3.00	3.00	1.00	0.860	14.6	64.0	30.000	4.82	21.00	0.20	2.72	1.02	34.00	880.00		1.52	38.0	0.0690	25.00	
GXR-6 Meas	0.5	12.4	306	> 1000	<1	2	0.16	<0.3	13	57	68	5.39	28	<1	1.81	0.56	30	1100	2	0.09	25	0.037	91	
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0880	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	
GXR-6 Meas	0.4	13.7	249	> 1000	1	<2	0.18	<0.3	13	70	70	5.75	29	<1	1.79	0.61	32	1110	<1	0.09	26	0.035	96	
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0880	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	
SAR-M (U.S.G.S.) Meas	4.2	6.53	35	776	4	2	0.64	4.9	11		326	3.45	15		3.03	0.50	28	5050	7	1.16	47	0.062	1020	
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331.00000	2.99	17		2.94	0.50	27.4	5220	13.1	1.140	41.5	0.07	982	
SAR-M (U.S.G.S.) Meas	3.5	6.20	28	712	3	<2	0.63	4.8	10		327	3.31	16		2.79	0.48	29	4960	4	1.11	44	0.061	983	
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331.00000	2.99	17		2.94	0.50	27.4	5220	13.1	1.140	41.5	0.07	982	
DNC-1a Meas				100					56	242	105						5							
DNC-1a Cert				118					57.0	270	100.00						5.20							
DNC-1a Meas				93					53	128	100						4							
DNC-1a Cert				118					57.0	270	100.00						5.20							
SBC-1 Meas			19	491	3	2	0.5	0.5	21	101	34		25				141	2	2				28	
SBC-1 Cert			25.7	788.0	3.20	0.70	0.40	0.40	22.7	109	31.00000		27.0				163.0	2.40	2.40				35.0	
SBC-1 Meas			25	449	3	4	0.4	0.4	23	86	33		28				149	2	2				29	
SBC-1 Cert			25.7	788.0	3.20	0.70	0.40	0.40	22.7	109	31.00000		27.0				163.0	2.40	2.40				35.0	
55319 Orig	<0.3	8.84	5	31	<1	<2	3.63	<0.3	23	34	9	7.00	18	<1	0.06	1.77	17	805	2	4.43	5	0.084	<3	
55319 Dup	<0.3	9.22	<3	32	<1	3	3.73	<0.3	23	35	11	7.18	18	<1	0.06	1.81	18	825	2	4.52	4	0.087	<3	
55328 Orig	<0.3	5.95	6	187	1	4	4.92	<0.3	21	112	16	10.9	26	<1	0.58	0.37	11	1420	<1	2.44	4	0.126	4	
55328 Dup	<0.3	6.04	4	187	1	<2	4.89	<0.3	20	98	17	10.8	25	<1	0.58	0.37	11	1370	<1	2.45	3	0.125	<3	
55347 Orig	<0.3	7.57	<3	31	<1	7	5.44	<0.3	45	157	98	9.81	20	<1	0.15	3.70	19	1280	3	2.15	72	0.050	<3	
55347 Dup	<0.3	8.10	<3	33	<1	3	5.64	<0.3	47	155	107	10.1	21	<1	0.17	3.75	19	1310	<1	2.24	75	0.046	<3	
55371 Orig	0.4	7.62	3	175	2	2	5.81	<0.3	39	64	188	9.99	19	<1	0.30	1.62	17	1570	<1	3.40	7	0.153	<3	
55371 Dup	<0.3	7.83	<3	176	2	2	5.82	<0.3	38	56	191	9.97	20	<1	0.30	1.62	17	1580	<1	3.45	8	0.158	3	
55374 Orig	0.7	8.06	3	120	2	3	4.95	0.4	46	41	253	8.37	19	<1	0.19	0.88	14	1060	2	4.48	8	0.188	<3	
55374 Dup	0.7	8.11	<3	122	2	3	5.02	0.5	47	41	257	8.52	18	<1	0.19	0.89	14	1060	2	4.55	7	0.193	<3	
55422 Orig	<0.3	7.63	<3	35	<1	<2	7.42	<0.3	45	144	97	8.20	16	<1	0.07	3.47	41	1280	<1	2.08	123	0.025	<3	
55422 Dup	<0.3	7.68	<3	35	<1	<2	7.48	<0.3	45	138	102	8.30	16	<1	0.07	3.51	42	1310	<1	2.11	120	0.025	<3	
55435 Orig	0.4	5.37	5	491	1	<2	14.2	<0.3	4	69	95	1.96	13	<1	1.96	1.08	10	927	7	2.09	12	0.038	6	
55435 Dup	0.4	5.43	<3	496	1	<2	14.3	<0.3	5	71	95	1.94	13	<1	2.01	1.09	10	943	7	2.09	13	0.038	6	
55437 Orig	<0.3	6.71	10	155	2	<2	6.79	<0.3	43	38	144	11.2	18	<1	0.19	2.29	16	1860	<1	2.79	10	0.095	<3	
55437 Dup	<0.3	6.72	<3	158	2	<2	6.84	<0.3	43	36	144	11.2	19	<1	0.20	2.29	16	1880	<1	2.76	11	0.096	<3	
55447 Orig	<0.3	6.57	3	141	<1	<2	4.87	0.7	37	45	24	13.8	22	<1	0.21	1.91	16	2120	<1	1.98	1	0.059	3	
55447 Dup	<0.3	6.58	4	139	<1	<2	4.92	0.5	37	42	27	13.8	24	<1	0.21	1.91	16	2110	<1	1.97	2	0.059	3	
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3	
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3	
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3	
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3	

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	2	<0.01	<1	<1	<0.01	<0.01	<1	2	<1	<0.01	<1	<0.001	<3
Method Blank	<0.3	<0.01	<3	<7	<1	<2	<0.01	<0.3	<1	<1	1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3
Method Blank	<0.3	0.02	<3	<7	<1	<2	<0.01	<0.3	<1	<1	<1	<0.01	<1	<1	<0.01	<0.01	<1	<1	<1	<0.01	<1	<0.001	<3

QC

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	10	5	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-4 Meas	<5	1.74	8	212	4	0.29	<5	<10	88	41	13	73	37	
GXR-4 Cert	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186	
GXR-4 Meas	<5	1.75	8	211	8	0.29	<5	<10	86	39	13	72	36	
GXR-4 Cert	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186	
SDC-1 Meas	<5		17	182		0.23	<5	<10	57	<5		108	36	
SDC-1 Cert	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00	
SDC-1 Meas	<5		16	176		0.18	<5	<10	50	<5		106	37	
SDC-1 Cert	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00	
GXR-6 Meas	<5	0.01	25	36	3		<5	<10	179	<5	11	128	93	
GXR-6 Cert	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110	
GXR-6 Meas	<5	0.02	26	40	<2		<5	<10	130	<5	10	133	62	
GXR-6 Cert	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110	
SAR-M (U.S.G.S.) Meas	<5		10	154	3	0.38	<5	<10	67	18	35	963		
SAR-M (U.S.G.S.) Cert	6.0		7.83	151	0.96	0.38	2.7	3.57	67.2	9.78	28.00	930.0		
SAR-M (U.S.G.S.) Meas	<5		9	150	4	0.28	<5	<10	54	13	34	925		
SAR-M (U.S.G.S.) Cert	6.0		7.83	151	0.96	0.38	2.7	3.57	67.2	9.78	28.00	930.0		
DNC-1a Meas	<5		31	136		0.30			144		15	64	34	
DNC-1a Cert	0.96		31	144.0		0.29			148.00		18.0	70.0	38.000	
DNC-1a Meas	<5		30	130		0.29			141		14	61	32	
DNC-1a Cert	0.96		31	144.0		0.29			148.00		18.0	70.0	38.000	
SBC-1 Meas	<5		20	172		0.49	<5	<10	207	7	28	185	104	
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186.0	134.0	
SBC-1 Meas	<5		21	186		0.54	<5	<10	225	<5	29	192	107	
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186.0	134.0	
55319 Orig	<5	0.15	20	127	8	0.41	<5	<10	139	<5	15	80	88	
55319 Dup	<5	0.15	21	132	4	0.46	<5	<10	150	6	16	82	93	
55328 Orig	<5	0.55	29	103	3	0.54	<5	<10	11	<5	67	105	102	
55328 Dup	<5	0.54	30	102	9	0.44	<5	<10	8	<5	68	103	62	
55347 Orig	<5	0.73	35	168	7	0.90	<5	<10	303	<5	25	102	37	
55347 Dup	<5	0.75	38	173	6	0.52	<5	<10	218	<5	28	105	28	
55371 Orig	<5	0.83	7	323	5	0.46	<5	10	47	<5	25	115	48	
55371 Dup	<5	0.84	7	325	10	0.42	<5	10	38	<5	25	116	49	
55374 Orig	<5	1.73	<4	361	3	0.54	<5	20	73	<5	23	176	115	
55374 Dup	<5	1.76	4	366	8	0.59	<5	20	81	<5	23	181	119	
55422 Orig	<5	0.16	35	126	<2	0.19	<5	<10	116	<5	15	87	<5	
55422 Dup	<5	0.16	35	128	2	0.29	<5	<10	155	<5	16	85	<5	
55435 Orig	<5	0.36	4	356	<2	0.22	<5	10	34	<5	17	58	173	
55435 Dup	<5	0.36	4	356	<2	0.22	<5	10	33	<5	17	58	155	

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
55437 Orig	< 5	0.90	13	267	6	0.37	< 5	< 10	55	< 5	22	105	12
55437 Dup	< 5	0.88	14	272	< 2	0.41	< 5	10	57	< 5	22	121	17
55447 Orig	< 5	0.66	43	134	2	0.29	< 5	< 10	7	< 5	18	264	5
55447 Dup	< 5	0.66	43	134	< 2	0.29	< 5	< 10	6	< 5	18	262	5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	4	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5