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Ontario

Assessment Report On

Geochemistry Sampling Program

North Ring of Fire, Northern Ontario

For

Sinocan Resources Corp.

Prepared by:

Yungang Wu P.Geo

November 16, 2015

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1.0 SUMMARY

Sinocan Resources Corp. (Sinocan) fully owns 49 claims (size 1.6km by1.6km), covering approximately 125.44 Km^2 in its North Ring of Fire property which is located approximately 90km north to Webequie First Nation Indian Reserve and around 100km north to the Ring of Fire (ROF).

Currently there is no infrastructure in the immediate project area. The closest all weather road is at Nakina, and there is a winter road system that services the nearest First Nation communities of Webequie. The access to the property is by air only.

The Project area is underlain by Precambrian rocks of the north-western part of the Archean Superior Province, presently named the Sachigo Superterrane. Because of the limited bedrock exposure not much can be directly inferred about the geology of the property. Ultramafic intrusion has been emplaced along the margin of a regional scale granodiorite pluton. The geological knowledge of the greenstone belt in the area is constrained almost exclusively through airborne geophysical surveys. Outcrops in the area are scarce, mostly erosion resistant granitoid rocks with exposures along rivers.

To confirm the anomalies generated by airborne geophysics surveys since 2010, Sinocan carried out a geochemistry of vegetation sampling program during September 8 to 22, 2015. The sampling program was based at Webequie First Nation. A total of 448 tree bark samples were collected on nine selected anomalies. A preliminary study of the vegetation geochemistry sampling results indicates that Au and As etc. demonstrate some degree correlation with the airborne geophysics anomalies.

The total cost of the exploration sampling program on the North Ring of Fire property in year of 2015 is summarized in Table 1.1.

Table 1-1 Total Expenses of Sampling on North Ring of Fire Property in 2015

Item	**Cost (CAD$)**
Helicopter	$63,990
Labour fees	$36,000
Sampling Supplies and rental	$3,260
Travel Flights	$1,440
Accommodation and food	$7,170
Sample Analysis	$16,830
Technical Consulting Charges	$25,800
Total	$154,490

As the geochemistry sampling results were conformed to the geophysics anomalies, it is recommends that a drilling program should be carried out in 2016 to test the anomalies within the property.

2.0 INTRODUCTION

Sinocan Resources Corp. (Sinocan) fully owns 103 mineral claims in North Ring of Fire Property, of which 49 claims were transferred from China International Resources Development Ltd. in May 2015. To confirm the geophysical anomalies, a geochemistry of vegetation sampling program on the property was carried out in September 8 to 22, 2015.

The author of this report was commissioned by Sinocan to undertake the sampling program. This report is to summarize the exploration activity that Sinocan has executed on the property in 2015.

3.0 PROPERTY DESCRIPTION AND LOCATION

3.1 LOCATION

The centre of North Ring of Fire Property of Sinocan is located approximately 53°36'N latitude and 86°37'W longitude, about 90km NE to Webequie First Nation community, northern Ontario, as shown in Figure 3.1. The property is situated northwest of renowned Ring of Fire and approximately 100km to the proposed Eagle's Nest Mine of Noront Resources Ltd.

Figure 3.1 Sinocan Property Location

3.2 CLAIMS

Sinocan Resources Corp. fully owns 103 claims (size 1.6km by1.6km), covering approximately 26,368 hectares in the North Ring of Fire Property, of which 49 claims were acquired from China International Resources Development Ltd.(CIRD) in May 2015. The claims are detailed in Figure 3.2 and Table 3.1.

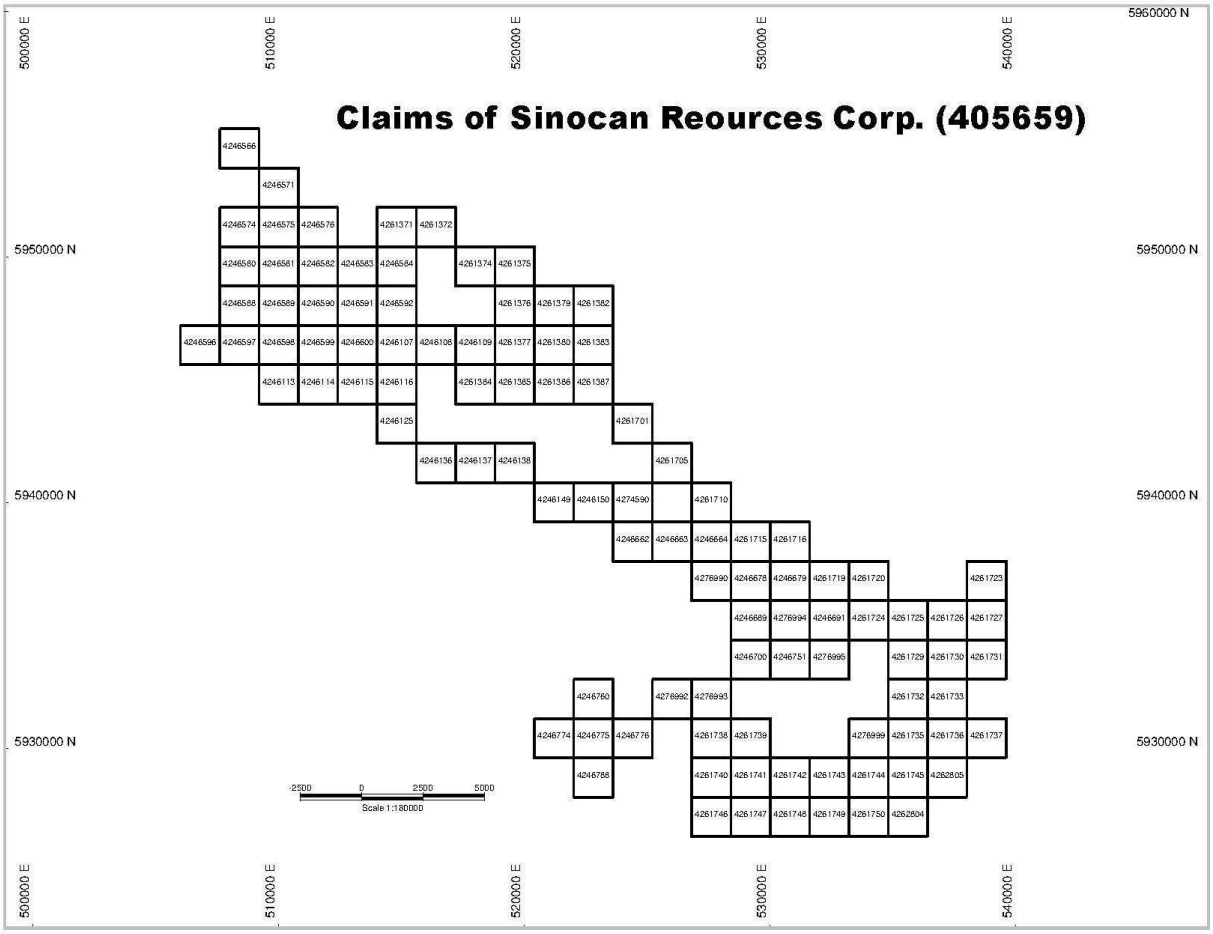


Figure 3.2 Claims of Sinocan

Table 3-1 Claims of Sinocan Resources Corp.

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option
BMA 534 862	4261748	2011-Mar-04	2015-Dec-04	A	100%
BMA 534 862	4261749	2011-Mar-04	2015-Dec-04	A	100%
BMA 534 862	4261750	2011-Mar-04	2015-Dec-04	A	100%
BMA 534 862	4262804	2011-Mar-04	2015-Dec-04	A	100%
BMA 534 863 (POR)	4261747	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4246691	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 862	4261720	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261723	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261724	2011-Mar-04	2015-Dec-04	A	100%

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option
BMA 535 862	4261725	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261726	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261727	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261729	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261730	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261731	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261732	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261733	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261735	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261736	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261737	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261743	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261744	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4261745	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4262805	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 862	4276995	2013-Sep-27	2016-Jan-15	A	100%
BMA 535 862	4276999	2013-Sep-27	2016-Jan-15	A	100%
BMA 535 863 (POR)	4246679	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 863 (POR)	4246689	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 863 (POR)	4246700	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 863 (POR)	4246751	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 863 (POR)	4261715	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 863 (POR)	4261716	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 863 (POR)	4261719	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 863 (POR)	4261739	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 863 (POR)	4261741	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 863 (POR)	4261742	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 863	4276994	2013-Sep-27	2016-Jan-15	A	100%

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option
(POR)					
BMA 535 863 (TB)	4246149	2008-Dec-03	2015-Dec-03	A	100%
BMA 535 863 (TB)	4246150	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 863 (TB)	4246662	2008-Dec-03	2015-Dec-03	A	100%
BMA 535 863 (TB)	4246663	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 863 (TB)	4246664	2008-Dec-03	2015-Dec-03	A	100%
BMA 535 863 (TB)	4246678	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 863 (TB)	4246760	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 863 (TB)	4246774	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 863 (TB)	4246775	2008-Dec-03	2016-Dec-03	A	100%
BMA 535 863 (TB)	4246776	2008-Dec-03	2015-Dec-03	A	100%
BMA 535 863 (TB)	4246788	2008-Dec-03	2015-Dec-03	A	100%
BMA 535 863 (TB)	4261710	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 863 (TB)	4261738	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 863 (TB)	4261740	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 863 (TB)	4261746	2011-Mar-04	2015-Dec-04	A	100%
BMA 535 863 (TB)	4274590	2013-Sep-27	2016-Jan-15	A	100%
BMA 535 863 (TB)	4276990	2013-Sep-27	2016-Jan-15	A	100%
BMA 535 863 (TB)	4276992	2013-Sep-27	2016-Jan-15	A	100%
BMA 535 863 (TB)	4276993	2013-Sep-27	2016-Jan-15	A	100%
BMA 536 863 (TB)	4246108	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 863 (TB)	4246109	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 863 (TB)	4246136	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 863 (TB)	4246137	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 863 (TB)	4246138	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 863 (TB)	4261372	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261374	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261375	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261376	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261377	2011-Mar-04	2015-Dec-04	A	100%

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option
BMA 536 863 (TB)	4261379	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261380	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261382	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261383	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261384	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261385	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261386	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261387	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261701	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 863 (TB)	4261705	2011-Mar-04	2015-Dec-04	A	100%
BMA 536 864	4246107	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246113	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246114	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246115	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246116	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246125	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 864	4246566	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246571	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246574	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 864	4246575	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246576	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 864	4246580	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246581	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246582	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246583	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246584	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246588	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 864	4246589	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 864	4246590	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246591	2008-Dec-03	2016-Dec-03	A	100%

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option
BMA 536 864	4246592	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246596	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 864	4246597	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 864	4246598	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4246599	2008-Dec-03	2015-Dec-03	A	100%
BMA 536 864	4246600	2008-Dec-03	2016-Dec-03	A	100%
BMA 536 864	4261371	2011-Mar-04	2015-Dec-04	A	100%

4.0 ACCESS, INFRASTRUCTURE, CLIMATE AND PHYSIOGRAPHY

4.1 ACCESS

Helicopter can directly access the property from the nearest community of Webequie First Nation. Webequie is situated on the northern peninsula of Eastwood Island on the Winisk Lake, 540 kilometres north of the city of Thunder Bay, or 450 kilometres north of the town of Sioux Lookout. Daily scheduled passenger air service from Thunder Bay to Webequie is available through Wasaya Airways and Nakina Air Service. It takes a flight about an hour to Webequie from Sioux Lookout and about 75 minutes from Thunder Bay. There is a seasonal winter road to access Webequie from Town of Pickle Lake, 250 km to the southwest, or the Town of Nakina, 320 km to the southeast, but no year-round road access. The Charter air service to Webequie is also available from these communities.

4.2 INFRASTRUCTURE

Currently there is no infrastructure in the immediate project area. The closest all weather road is at Nakina, and there is a winter road system that services the nearby First Nation communities of Webequie. Webequie First Nation community is serviced by air and have all weather air strip. Power to the First Nation community is provided by diesel generators while Nakina is connected to the Ontario hydro-electric power grid. Nakina is also the closest terminal on the Canadian National Railway (CNR) system. Webequie has health clinic, public school, mail services, telephone/facsimile services, internet services, community stores, motel and other services.

4.3 LOCAL RESOURCES

There are no local resources available on or near the property. All equipments and supplies have to be air-lifted and directed through the nearby native communities such as Webequie.

4.4 CLIMATE

The property area has a humid continental climate with cool short summers and cold long winters. The local climate is greatly affected by the proximity to Hudson Bay and James Bay. There is usually 1 or 2 days of dense fog in the summer that restricts activities using helicopter. There are also typically 2 or 3

days a month during the winter when snow storms restrict activity in the region. Environment Canada records show that summer temperatures range between 10°C and 35°C, with a mean temperature of 13°C in July. Winter temperatures usually range between -10°C and -55°C with an average January temperature of -23°C.

The period from mid-June to mid-September is generally frost free. Lakes start to freeze in mid-October and start to thaw in mid-April. The average annual precipitation is 699.5 mm with approximately 241.6 mm falling of snow. Measurable precipitation falls on an average of 169 days during the year with snow falling on 89 of those days. The average snow depth is 65 cm in February. Winds average between 13-17 km/hour depending on the month, and blow from the west to northwest in the winter and from the west to southwest in the summer. Easterly winds commonly bring fog from James Bay and are associated with heavy precipitation. Fog is common in the early morning, but may last all day during the summer months.

4.5 PHYSIOGRAPHY

The North Ring of Fire area lies along the western margin of the James Bay Lowlands, a flat topographic feature that slopes gently towards James Bay. Major and secondary rivers incise shallow trenches into the soft marine clays that cover much of the Lowlands. Drainage in the area is poor due to the lack of relief and, as a result, much of the area is waterlogged throughout the year. The waterlogged surface makes overland travel difficult, except during the winter months (December to April). The Winisk River Provincial Park is next to the property to the west. The largest river Winisk River and North Ring of Fire almost perpendicularly cross the property.

The project area is generally flat. The local relief of the area is very low, and streams and rivers are generally incised only 5 to 10 m below the surrounding terrain. Raised beach ridges form 1 to 2 m local topographic highs and are slightly better drained than the surrounding ground and support a local ecosystem. The relief surrounding the project area is typified by one of these topographic highs, whereas the surrounding ground is poorly drained with abundant small ponds and creeks. The main rivers which drain the general area include, from south to north, such as the Winisk River and the Ekwan River. All of these rivers flow eastward or north into James and Hudson Bays, with string bogs that have developed between local drainages.

Wetlands cover roughly 50% of the area. River levels reach their maximum during spring runoff in late April to early May and water levels usually drop during the summer months and increase prior to freeze-up in the late fall.

4.6 VEGETATION

The property area is in the Tundra Transition Zone of the James Bay Lowlands. This is an area of transition lying between coniferous and mixed forests of the clay belt to the south, and the tundra to the north. Where it is poorly drained, vegetation is primarily grasses, sedges and lichens, and sometimes stunted black spruce and tamarack. On well-drained raised beaches and along rivers and creeks, forests are composed of larger balsam fir, white and black spruce, trembling aspen and paper birch and rarely jack pine. Willows and alders are also present along creeks and in poorly drained areas.

Characteristic larger wildlife includes barren-ground caribou, black bear, wolf, moose and lynx. Smaller mammals are numerous, such as muskrat, weasel, American marten and red fox. Local fish species include pickerel (walleye), northern pike (jackfish), trout (lake, brook, brown, speckled and rainbow), whitefish, sturgeon and more.

5.0 EXPLORATION HISTORY

The Geological Survey of Canada (GSC) was the first to explore the James Bay Lowlands in 1886. Robert Bell of the GSC mapped the geology along the Attawapiskat River from the James Bay coast inland past the property area. Mapping was also completed in 1906 and between 1940 and 1965 by the GSC and the Ontario Department of Mines (ODM).

The GSC produced the Lansdowne House map (Bostok, 1962) and an accompanying summary report (Duffell et al., 1963) was generated as part of the "Roads to Resources" program between 1960 and 1962. Preliminary outcrop maps (Thurston et al., 1971a, and b) and the coloured Geological Compilation Series Maps 2287 and 2292 were compiled. The Ontario Department of Mines conducted a helicopter-supported mapping project in the area (Bennett and Riley 1969). The results of all of these studies were encapsulated by Thurston et al., (1979).

Early exploration activities focused on diamonds and occurred sporadically between 1959 and 1990. In the early to mid 1990s, JV partners Spider Resources Inc. and KWG Resources Inc. conducted an airborne magnetic survey for diamond exploration throughout the northern part of the James Bay Lowlands. In 2002, De Beers Canada Inc. entered in a JV with Spider Resources and KWG Resources discovered the McFaulds No. 1 volcanogenic massive sulphide (VMS) deposit and other related VMS occurrences while searching for kimberlites. The discovery of these deposits, and the recognition of the region as a poorly exposed greenstone belt with great potential for further discoveries of base metal deposits, led to a staking rush by junior mining companies in December 2002. This staking rush continued well into 2003, and the subsequent extensive exploration led to the discovery of many of the other deposits, such as Eagle's Nest magnetic massive sulphide deposit.

In summer of 2010, Sinocan Resources Corp retained Aeroquest carried out Helicopter-Borne AeroTEM IV Electromagnetic and Magnetic Survey over the property. The survey was flown using Aeroquest AeroTEM IV system which included the AeroTEM electromagnetic (EM) system and a field magnetic sensor. The survey line spacing was 100m over one continuous block for total coverage of 6580 line-km.

In August 2011, Sinocan undertook geophysics anomaly ground truth. No outcrops were observed over the selected anomalies during the course of the field work.

In January 2012, Bell Geospace Enterprises Inc. (BGE) was retained by Sinocan to carry out the airborne 3-D Full Tensor Gravity Gradient (FTG) survey over the Winisksis Channel property. The survey contained 235 les which werine 200 meters apart, and 15 tie lines 2000 meters apart. The lines were flown in a North-East to South-West direction with perpendicular tie lines. The survey contains 3562 linear kilometres and encompasses an area of about 664 square kilometres.

In September 2013, Sinocan drilled 5 NQ diamond core holes totalling 1021 meters which tested 5 EM anomalies.

During October 2nd to November 8th, 2013, Aeroquest Airborne, Aurora Ontario, retained by China International Resources Development Ltd., carried out A Helicopter-Borne Versatile Time Domain Electromagnetic (VTEM^{plus}) And Horizontal Magnetic Gradiometer Geophysical Survey over the claims of CIRD. The survey line spacing was 100m over one continuous block for total coverage of 2550 line-kilometres.

During November 23 to December 1, 2014, CIRD carried out a geochemistry of vegetation sampling program. A total of 159 tree bark, twig and needle samples were collected on six selected anomalies. A

preliminary study of the vegetation geochemistry sampling results indicates that Mn and Cu demonstrate some degree correlation with the airborne geophysics anomalies.

In May 2015, CIRD transferred all claims to Sinocan.

The Table 5.1 summarizes the geological mapping and early exploration activities over the property area.

Table 5-1 Exploration History over the Property Area

Year	Company	Results
1962	GSC	Lansdowne House map (Bostok)
1969	OGS	Reconnaissance-mapping, Operation Winisk Lake (Thurston and Carter 1969)
1971	OGS	Reconnaissance-mapping, Operation Winisk Lake (Thurston, Sage and Siragusa 1971a, 1971b).
1995	KWG	Diamond exploration
1997	KWG	Diamond exploration
2008	OGS?	Compilation and aeromagnetic interpretation map of the northern part of Superior Province (Scott 2008)
2008	Sinocan	Staked claims
2009	OGS	Mapping at 1:100000 scale (Buse et al.)?
2010	Sinocan	Helicopter-Borne AeroTEM IV Electromagnetic and Magnetic Survey
2011	Sinocan	Ground truth
2011	CIRD	Claim Staked
2012	Sinocan	Airborne 3-D Full Tensor Gravity Gradient (FTG) survey
2013	Sinocan	5 Diamond core holes totalling 1021 meters drilled which tested 5 EM anomalies.
2013	CIRD	Helicopter-Borne Versatile Time Domain Electromagnetic (VTEM^{plus}) And Horizontal Magnetic Gradiometer Geophysical Survey
2014	CIRD	Geochemistry sampling
2015	Sinocan	Acquired claims of CIRD

6.0 REGIONAL GEOLOGY

6.1 REGIONAL GEOLOGICAL SETTING

The North Ring of Fire Project area is underlain by Precambrian rocks of the north-western part of the Archean Superior Province. The project area, shown on Figure 6-1, lies within a domain of the western Superior Province that is presently named the Sachigo Superterrane. The core of the Sachigo Superterrane is the North Caribou terrane, an amalgamation of volcanic, metasedimentary, and plutonic rocks that was originally formed prior to 3.0 Ga but underwent repeated episodes of deformation and plutonism between 3.0 and 2.7 Ga (Percival et al., 2006). Around the margins of the North Caribou terrain there are remnants of a platformal sedimentary succession comprising quartzite, arkose, and iron formation, and overlain by mafic to komatiitic lavas thought to have resulted from rifting of the protocontinental landmass ca. 2990 Ma.

The Oxford-Stull Domain (Thurston et al., 1991; Oxford-Stull Subprovince of Rayner and Stott, 2005), which contains the Ring of Fire greenstone belt, runs east-south-east ward along the northern margin of the North Caribou terrain from north-western Manitoba to north-central Ontario where it extends under the Paleozoic cover rocks of the James Bay Lowlands. The southern boundary is a series of major ductile shear zones that separate the terrain from the rest of the Sachigo Superterrane. The northern boundary of the Oxford-Stull Domain is the North Kenyon fault, a major ductile strike-slip deformation corridor (Stone et al., 1998) that separates the entire Sachigo Superterrane from the Northern Superior Superterrane to the north, which is recognized as another older (> 3.0 Ga) continental fragment.

The tectonic history of the Ring of Fire (ROF) greenstone belt is not fully understood, due to the lack of outcropping of supracrustal rocks in the region. The discovery of the Ring of Fire VMS deposits in 2003 attracted attention to the area and it is now recognized that a significant greenstone belt exists at the eastern limit of exposure of the Oxford-Stull Domain where it disappears under the Paleozoic cover.

The oldest known rock within the area is a granodiorite to granodiorite gneiss with an igneous emplacement age of 2813.4 Ma (Rayner and Stott, 2005). The ROF Intrusion was emplaced along the margin of a large granodiorite pluton which caused doming of overlying Sachigo greenstone belt rocks.

The Paleozoic platform rocks of the James Bay Lowlands consist primarily of sedimentary rocks of upper Ordovician age (450 Ma to 438 Ma). Limestone is present within the project area.

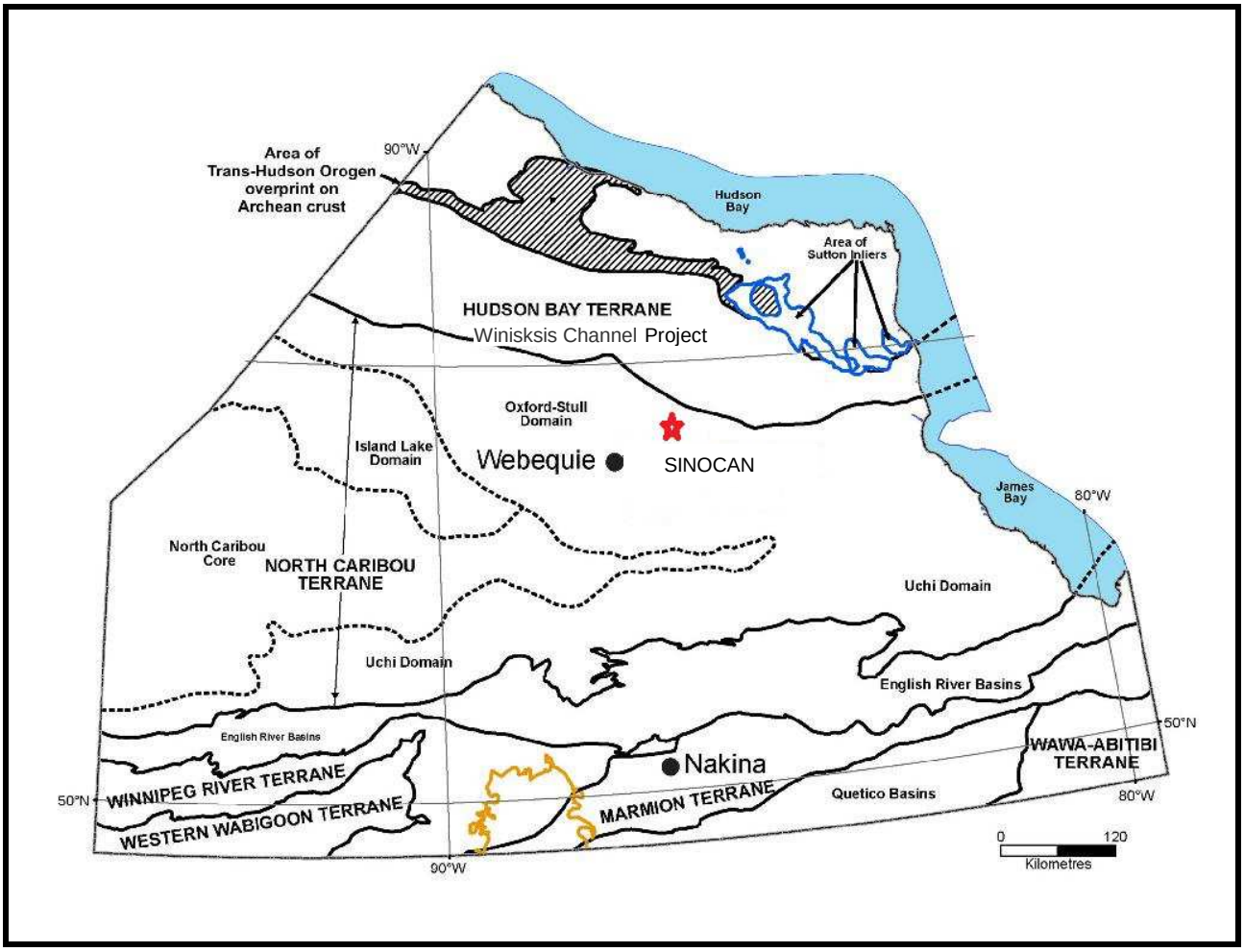


Figure 6-1 Location map showing project area and tectonic subdivisions of the northern part of the Superior Province (*from* Stott et al.)

6.2 LOCAL GEOLOGY

Because of the limited bedrock exposure not much can be directly inferred about the geology of the property. Ultramafic intrusion has been emplaced along the margin of a regional scale granodiorite pluton. The geological knowledge of the greenstone belt in the area is constrained almost exclusively through airborne geophysical surveys, motivated by exploration for diamonds, and base and precious metals. Outcrops in the area are scarce, mostly erosion resistant granitoid rocks with exposures along water courses.

As present in Figure 6.2, the major rock types are:

- Mafic and ultramafic rocks: Gabbro, anorthosite, ultramafic rocks;
- Massive granodiorite to granite: Massive to foliated granodiorite to granite;
- Gneissic tonalite suite: Tonalite to granodiorite-foliated to gneissic-with minor supracrustal inclusions;
- Mafic to intermediate metavolcanite rocks: Basaltic and andesitic flows, tuffs and breccias, chert, iron formation, minor metasedimentary and intrusive rocks, related migmatites;
- Felsic to intermediate metavolcanite rocks: Rhyolitic, rhyodacitic, dacitic and andesitic flows, tuffs and breccias, chert, iron formation, minor metasedimentary and intrusive rocks; related migmatites;
- Migmatized supracrustal rocks: Metavolcanite rocks, minor metasedimentary rocks, mafic gneisses of uncertain protolith, granitic gneisses;
- Foliated tonalite suite: Tonalite to granodiorite-foliated to massive.

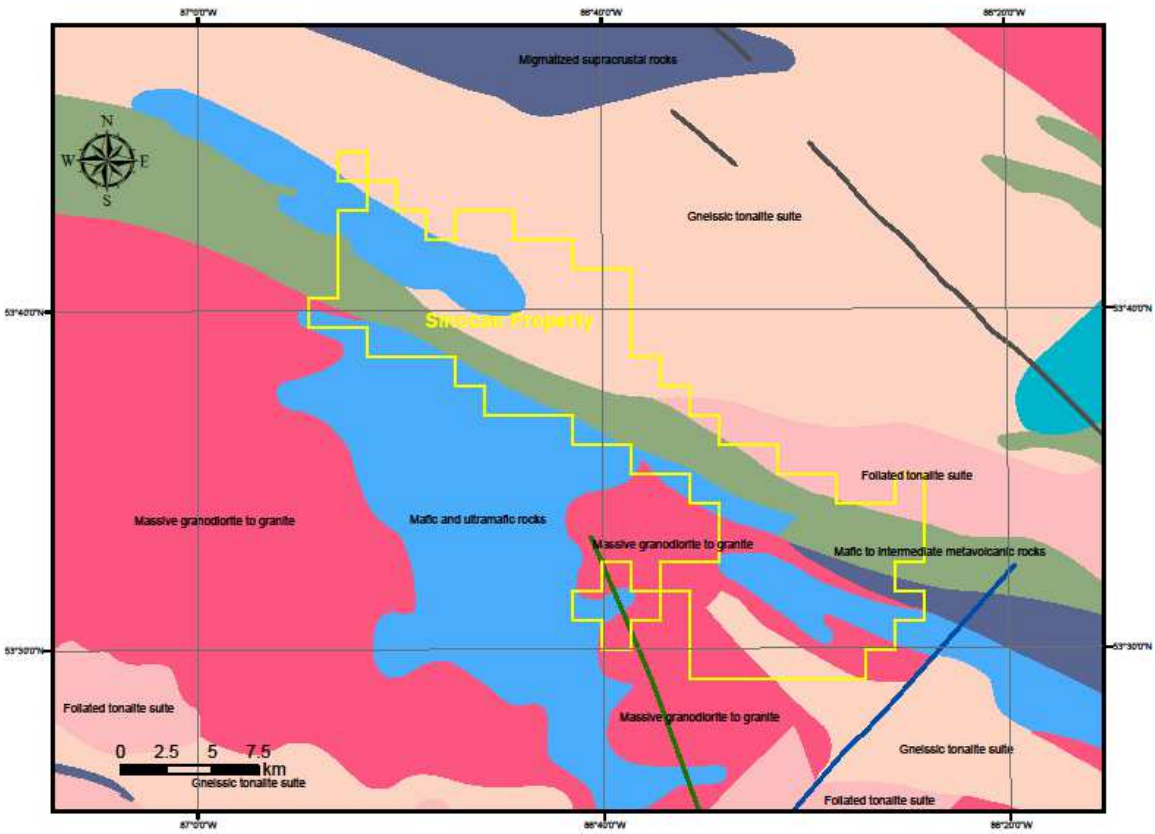


Figure 6-2 Local Geology Map showing major lithology

The Quaternary cover in the region ranges from 0.9 m to 76 m. It usually consists of 1 m to 2 m of sandy till overlain by sand grading up to clays and capped by marine clays (Thomas, 2004).

6.3 REGIONAL MINERALIZATION

Several significant new mineral discoveries have been found in the ROF area since 2003 (Figure 6.3). The ROF area with its polymetallic deposits has become one of the newer exploration districts in Canada. The interpreted geology of the area has been shown to be conducive to many deposit types including Ni-Cu-PGE in magmatic massive sulphides (MMS), Cu-Zn ± Au in volcanogenic massive sulphides (VMS), magmatic Cr-Ni-Cu-PGM, V+Ti, and gold in shear hosted settings.

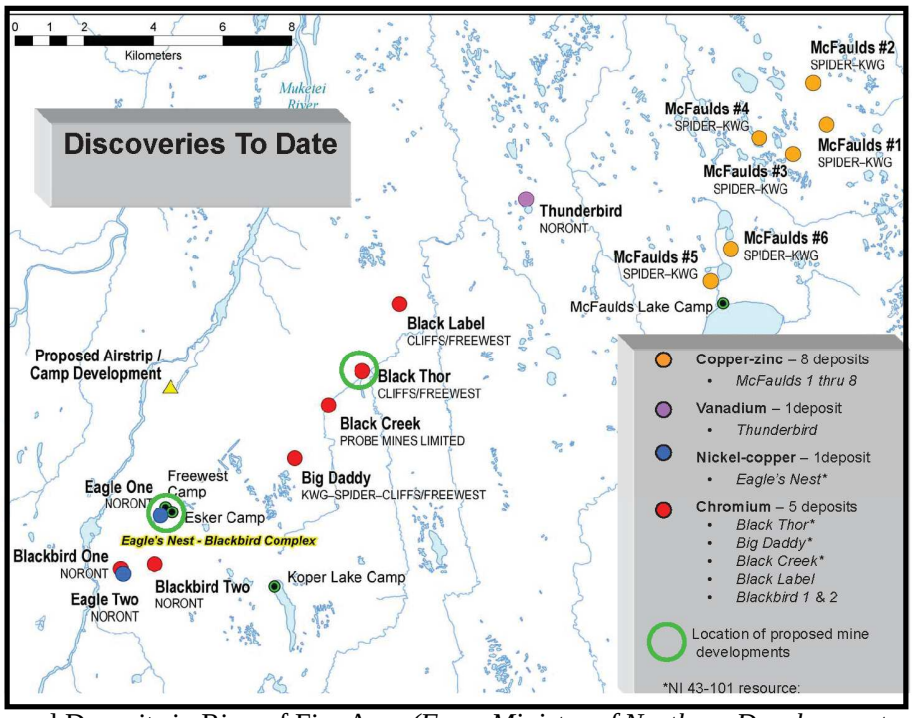


Figure 6.3 Mineral Deposits in Ring of Fire Area *(From Ministry of Northern Development and Mines)*

Chromite Deposits

There are five chromite deposits (Black Thor, Big Daddy, Black Creek, Black Label and Blackbird) discovered in the ROF as far. The chromite deposits belong to the stratiform type which is hosted in large layered mafic-ultramafic intrusions. The chromite deposits of the ROF are currently explained as formed by magmatic segregation during fractional crystallization of mafic-ultramafic magma.

Magmatic Ni-Cu--Pge Deposits

Eagle's nest is a well known Ni-Cu-PGE deposit discovered in the ROF. Eagle's Nest is a sub-vertically dipping body of massive magmatic sulphide (pyrrhotite, pentlandite, chalcopyrite, magnetite) in a pipe-like form approximately 200 m long, up to several tens of metre thick, and at least 1200 m deep. It strikes NE-SW and occupies the northwestern margin of a vertically inclined serpentinized peridotite dyke. A simplified lithological succession of the intrusion from the base upwards comprises of talc altered peridotite/dunite, serpentinized dunite/peridotite with chromite bands and layers, peridotite with lesser chromite, talc-tremolite schist, and gabbro. The Eagle's Nest deposit is interpreted as komatiitic type deposit.

Vanadium Deposit

The vanadium deposit in the ROF is hosted in the ferrogabbro. The mineralization is characterized by euhedral disseminated magnetite with lesser amounts of semi-massive magnetite which occur as patches in the ferrogabbro. The mineralization grades as from 0.33% to as high as 0.64% V2O5. Titanium Dioxide (TiO2) is also associated with the magnetite.

Gold Deposit

A gold deposit named Triple J was documented directly related to the sheared contact between the talc-altered peridotite and the hanging wall granodiorite. The sheared zone consists of biotite-chlorite-actinolite schist which contains or is flanked by brecciated quartz-rich fragments.

7.0 2014 Geochemistry Sampling Program

7.1 INTRODUCTION

Geochemical exploration in covered terrain requires the ability to measure and detect mineralization at some depth, and to separate a signature from depth with geochemical variations in surface rock or soils. Plants have long been recognized as a medium which can collect a geochemical response from the depth of the root system, and concentrate elements within the plant tissue, thereby providing a uniform sampling medium capable of reflecting mineralization.
There are a wide range of elements including precious metals, and most base metals that are taken up within plant systems and can be effectively measured. Plants can act as a sampler, transporter, and concentrator of metals at the ground surface where they can be quickly sampled in the field. Due to lack of outcrops and covered with swaps in the property, it is a reasonable method to collect geochemistry samples of trees for this early stage of exploration program.

7.2 PLANNING

A Total of 11 sampling traverses were selected based on the modeling of airborne geophysical survey. The geophysics models were developed by Geotech Airborne Geophysical Surveys in January 2014 using the VTEM^{plus} data (Figure 7.1 to 7.4). The EM data depicts that the targets lie along a dominant NW trend; hence the sampling traverses were designed along N45^{0}E, perpendicular to the trend of the EM anomalies (Figure 7.5). Anomaly 50C was chosen as a drill hole encountered gold mineralization in 2013.

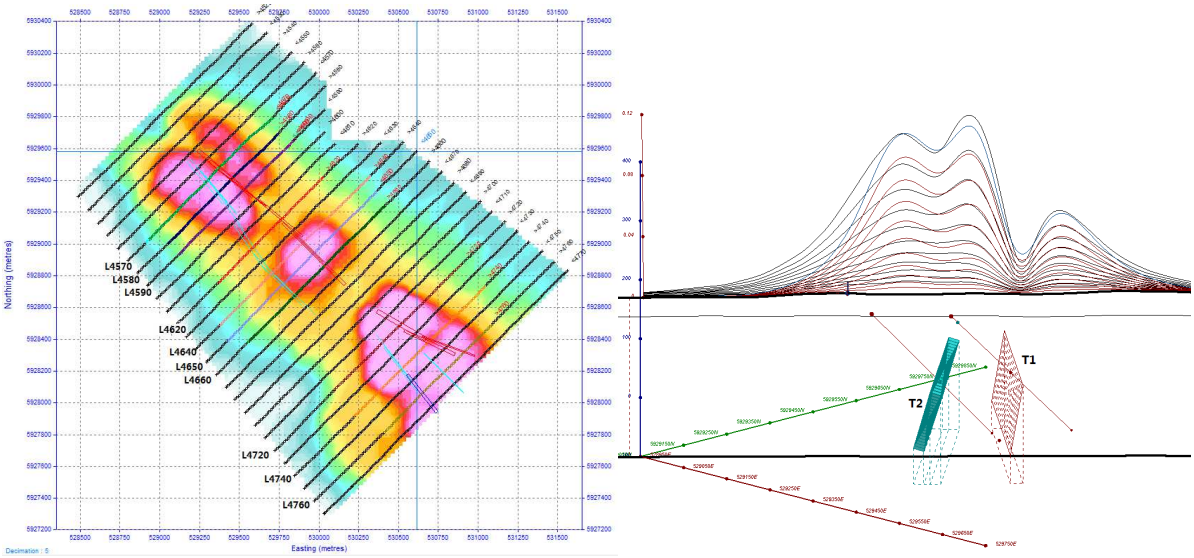


Figure 7.1 Anomaly Z16 Model

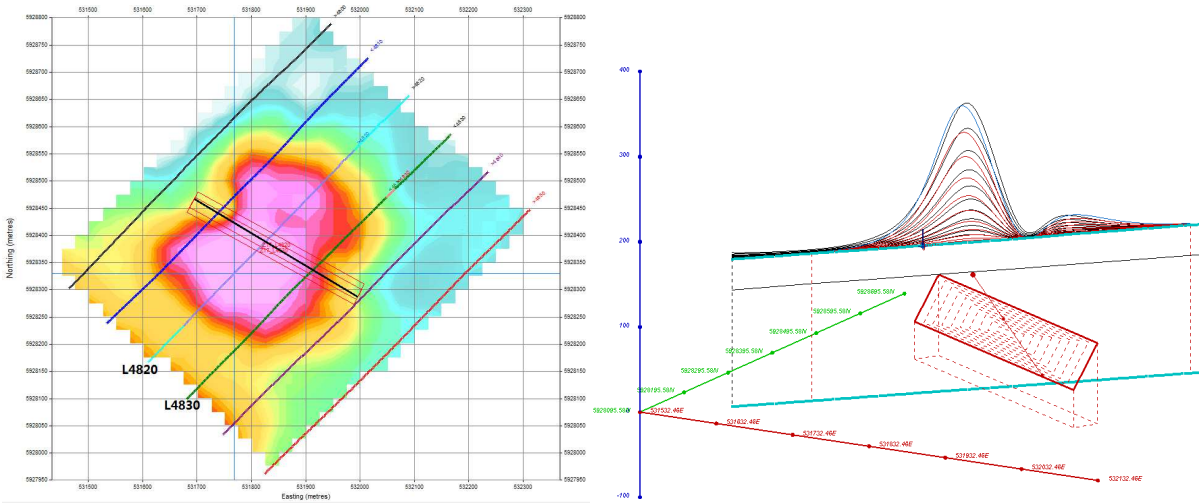


Figure 7.2 Anomaly Z17 Model

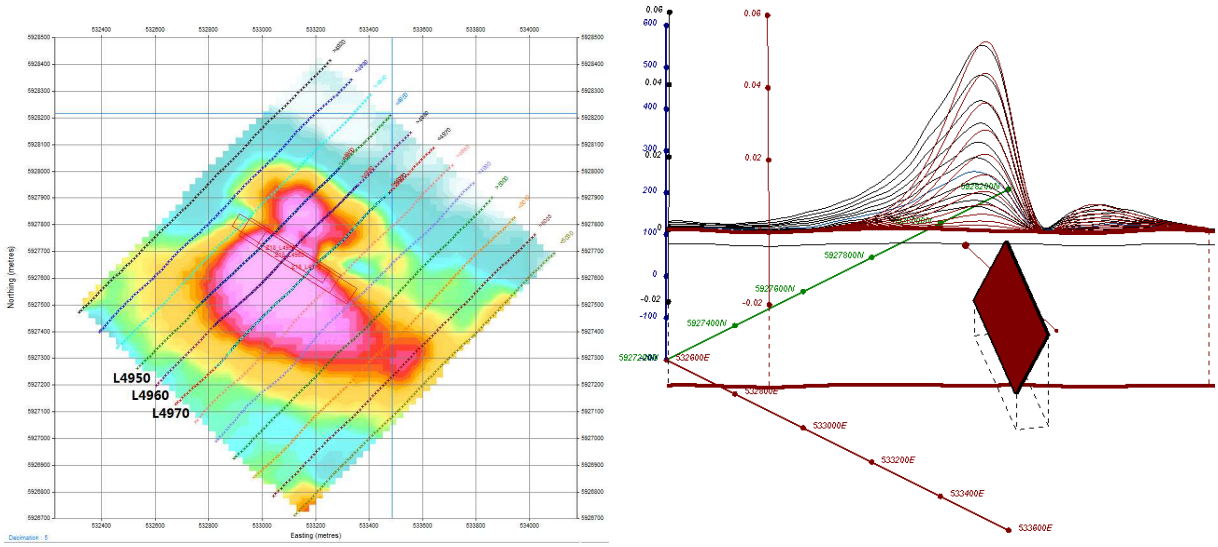


Figure 7.3 Model of Anomaly Z18

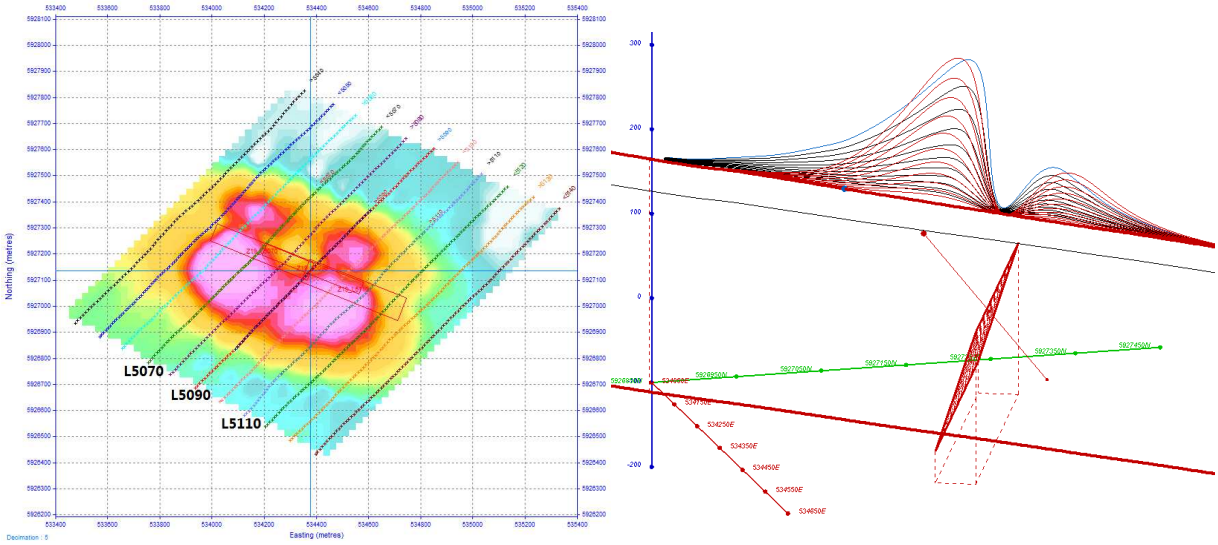
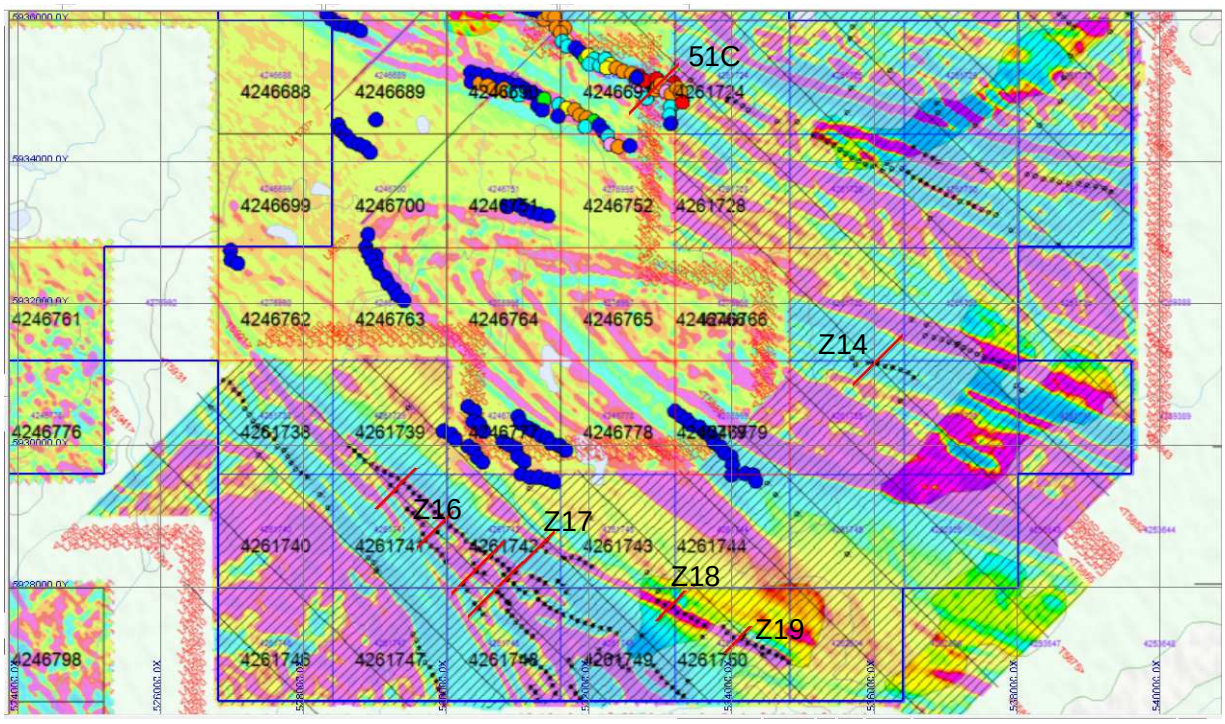


Figure 7.4 Model of Anomaly Z19



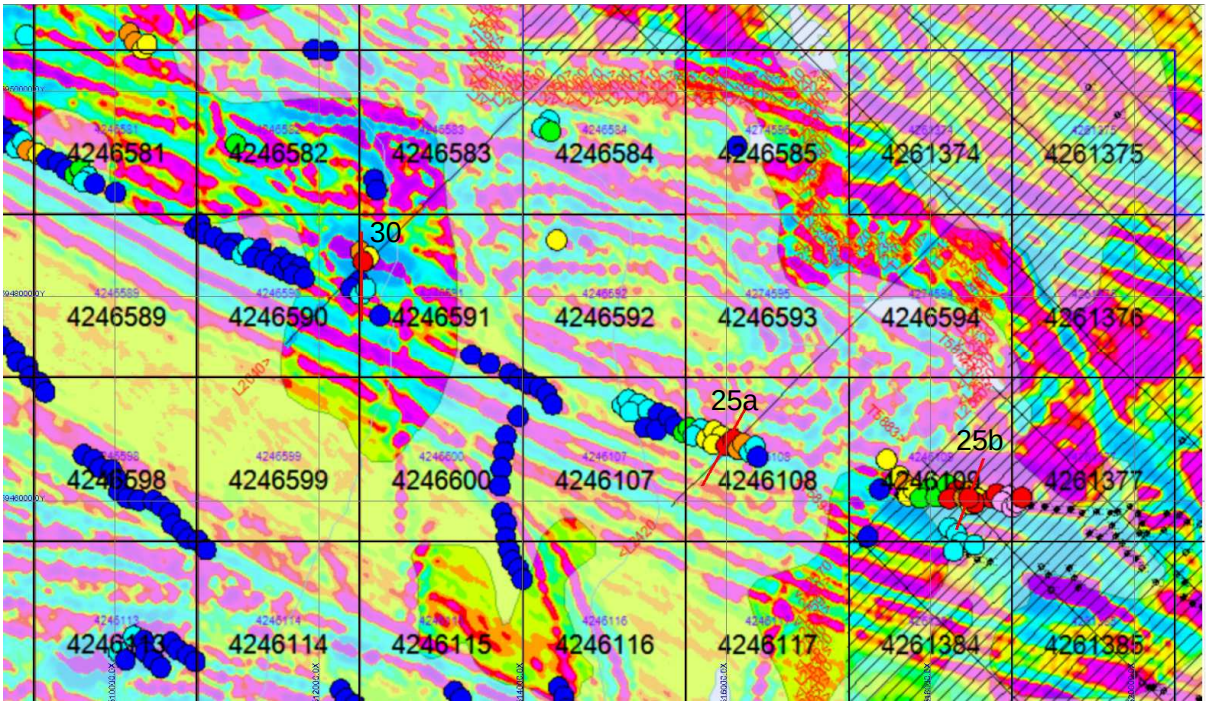


Figure 7.5 Planned Sampling Traverses (Red lines-planned sampling traverse, circles-EM anomalies, red circle indicates high EM responses)

7.3 SAMPLING

The sampling program started on September 8, 2015 and finished on September 22, 2015. The actual sampling took 14 days including mobilization and demobilization.

The sampling program was based on Webequie FN and travelled with Long Ranger helicopter serviced by Wiskair Thunder Bay. The sampling crew included a geologist, an assistant and a pilot.

The sampled area is covered with swap. Trees are mainly spruce and minor tamarack trees. The planned sample spacing was 20m, however, the actual sample spacing were 10-100m due to sparsely tree distributions in some area. A hand holds Garmin 62S GPS was used for navigation. Tree bark sample was taken from each sample point using a machete; and each sample was packed in zip lock bags and tagged with a unique code. Figures 7.6 to 7.13 show all sample points with claim boundaries.

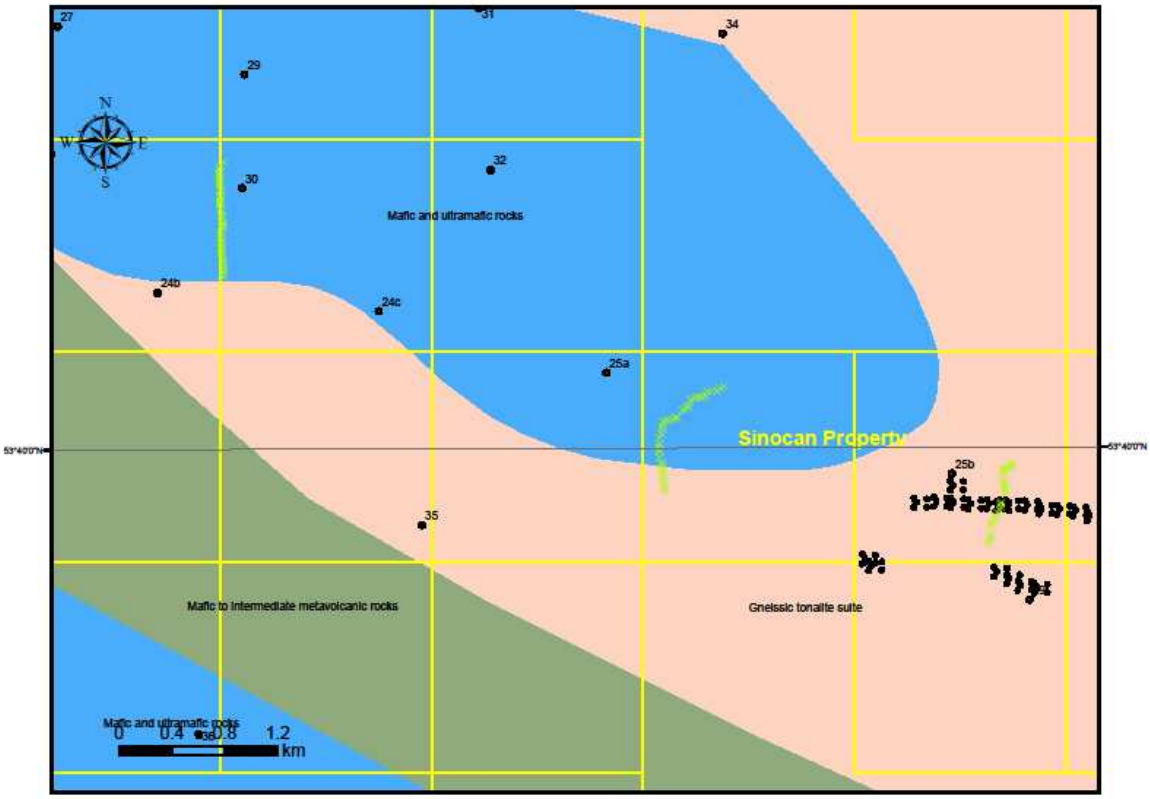


Figure 7.6 Sample Locations at Anomaly 25a, 25b and 30 (green X-sample points; dark dots- anomalies)

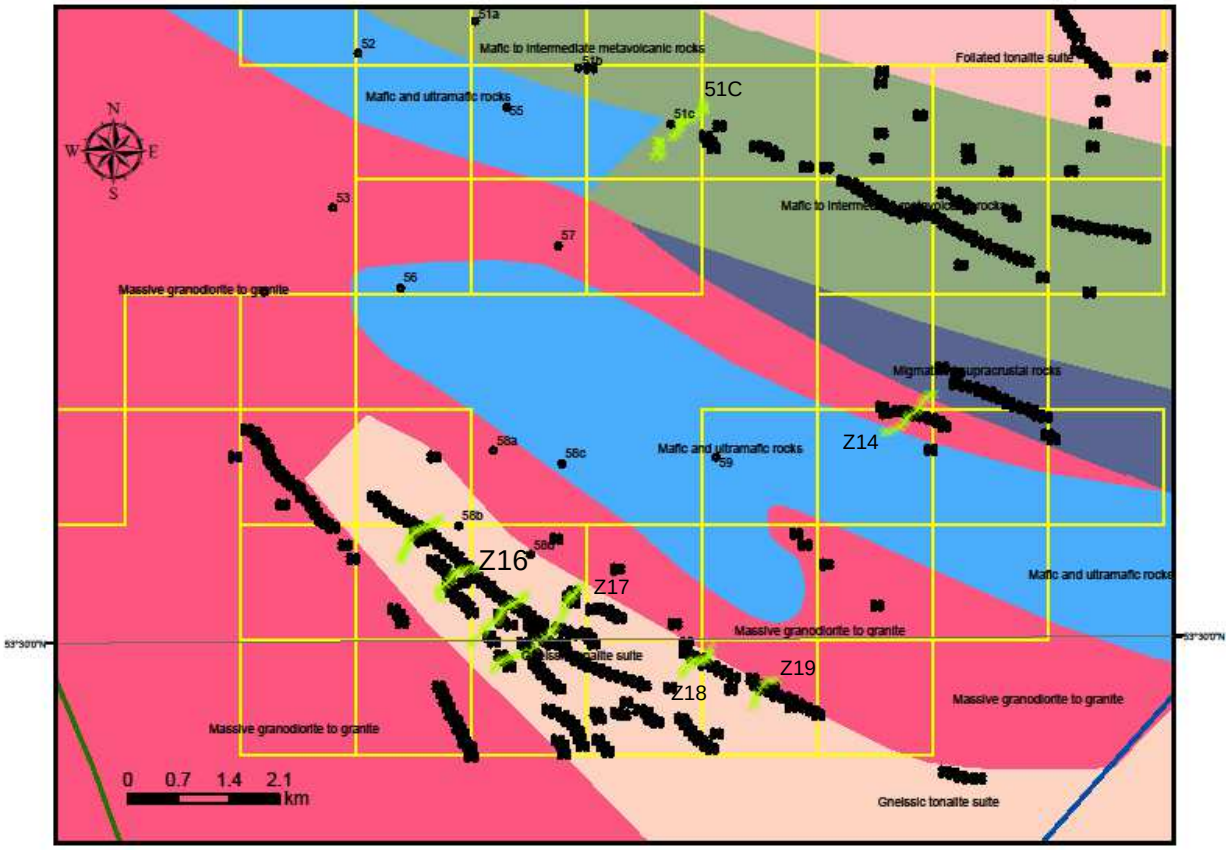


Figure 7.7 Sample Locations at Anomaly 51C, Z16, Z17, Z18, Z19 and Z14 (green X-sample points; dark dots- anomalies)

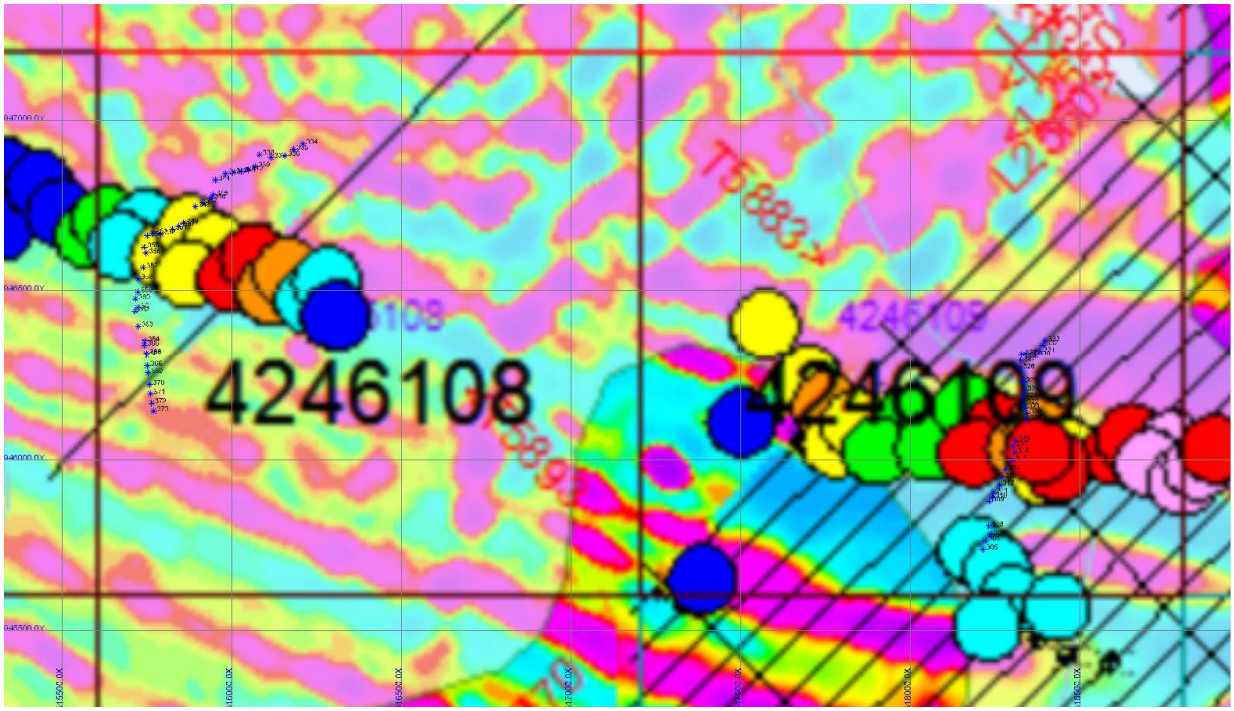


Figure 7.8 Sample Locations at Anomaly 25a and 25b (blue stars-sample points along with GPS Way point ID)

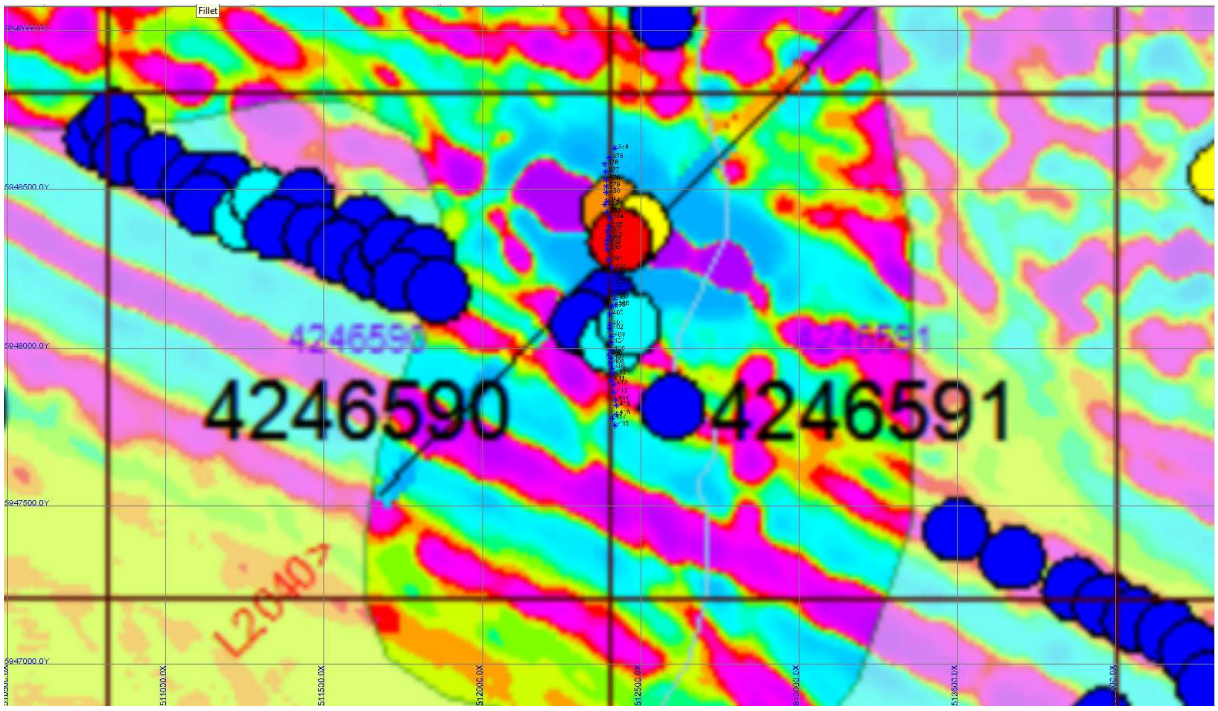


Figure 7.9 Sample Locations at Anomaly 30 (blue stars-sample points along with GPS Way point ID)

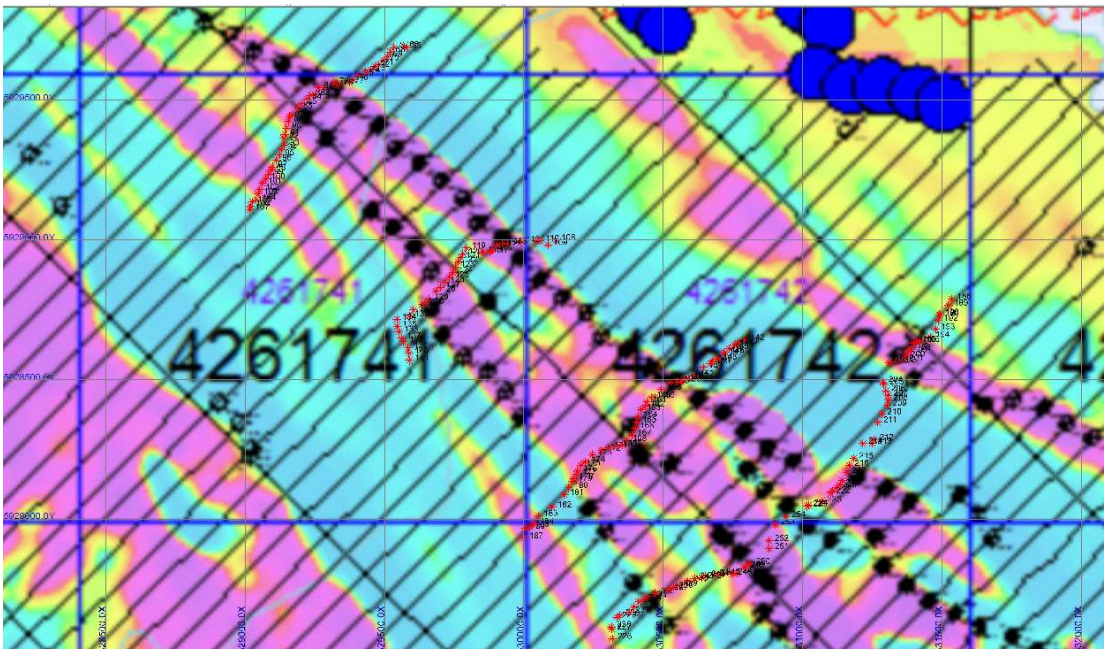


Figure 7.10 Sample Locations at Anomaly Z16 and Z17 (Red stars-sample points along with GPS Way point ID)

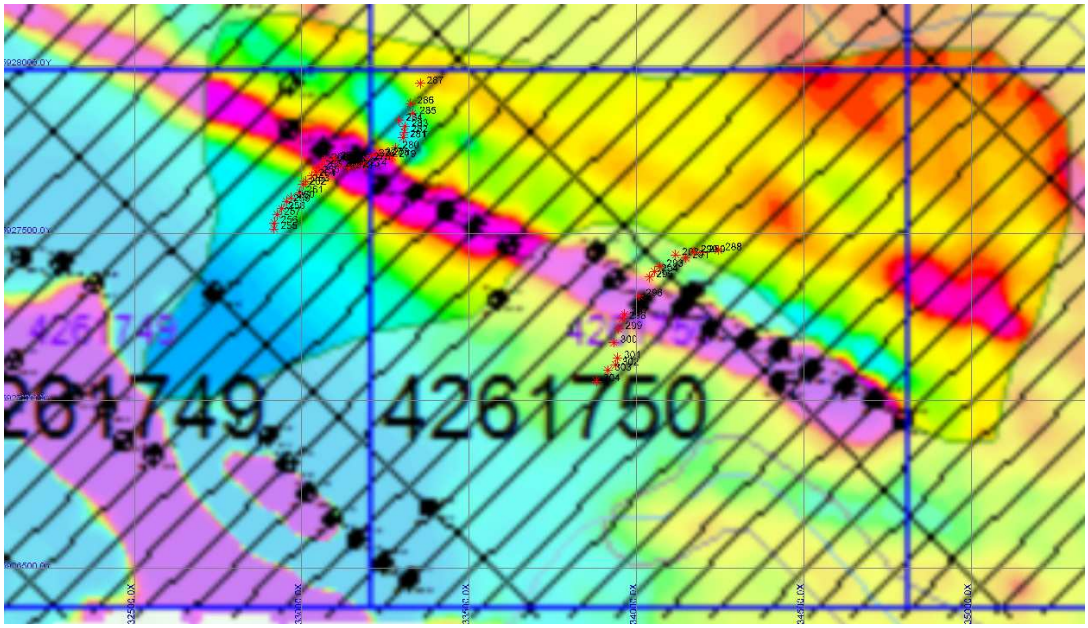


Figure 7.11 Sample Locations at Anomaly Z18 and Z19 (Red stars-sample points along with GPS Way point ID)

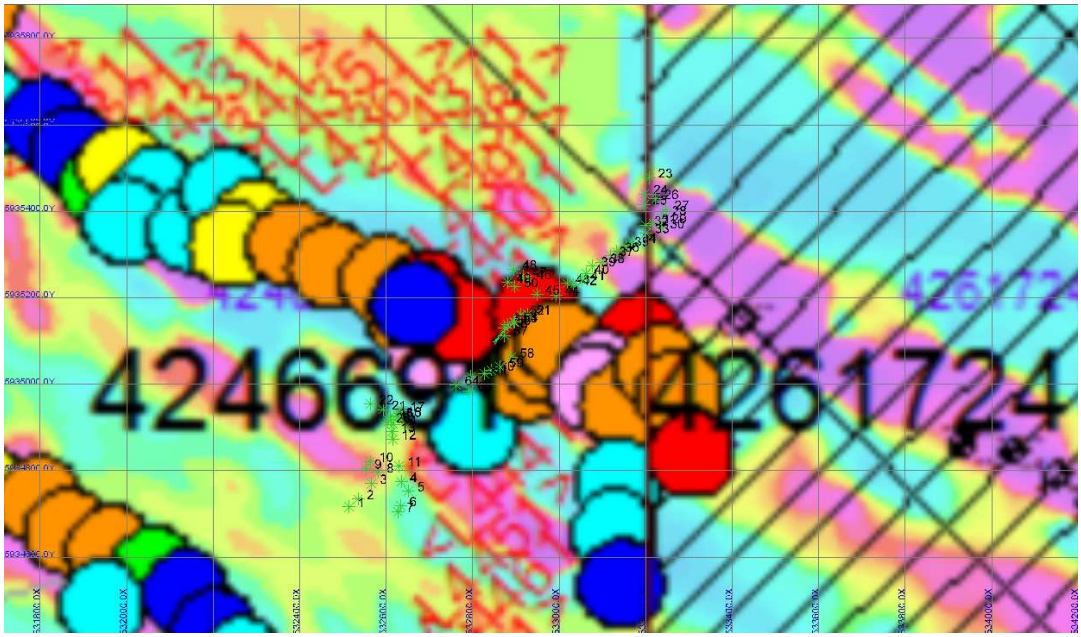


Figure 7.12 Sample Locations at Anomaly 51C (Green stars-sample points along with GPS Way point ID)

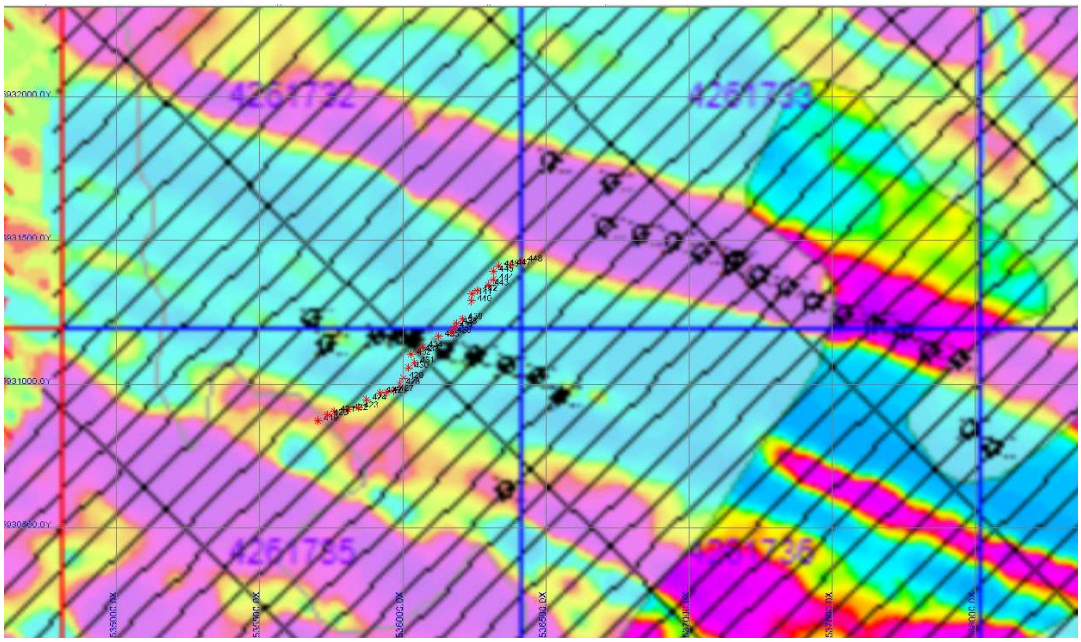


Figure 7.13 Sample Locations at Anomaly Z14 (Red stars-sample points along with GPS Way point ID)

A total of 448 tree bark samples, tabulated in Table 7.1, were collected. The samples were delivered to Actlabs preparation facility in Thunder Bay by the author of this report.

Table 7-1 Sample Locations and Related Claims

Sample ID	GPS Way Point	X	Y	Claim #	Anomaly	Date
172001	1	532514	5934716	4246691	51C	9/9/2015
172002	2	532535	5934734	4246691	51C	9/9/2015

Sample ID	GPS Way Point	X	Y	Claim #	Anomaly	Date
172003	3	532566	5934770	4246691	51C	9/9/2015
172004	4	532635	5934774	4246691	51C	9/9/2015
172005	5	532652	5934753	4246691	51C	9/9/2015
172006	6	532634	5934718	4246691	51C	9/9/2015
172007	7	532627	5934705	4246691	51C	9/9/2015
172008	8	532581	5934796	4246691	51C	9/9/2015
172009	9	532553	5934805	4246691	51C	9/9/2015
172010	10	532563	5934821	4246691	51C	9/9/2015
172011	11	532630	5934811	4246691	51C	9/9/2015
172012	12	532616	5934873	4246691	51C	9/9/2015
172013	13	532614	5934890	4246691	51C	9/9/2015
172014	14	532617	5934907	4246691	51C	9/9/2015
172015	15	532628	5934925	4246691	51C	9/9/2015
172016	16	532628	5934926	4246691	51C	9/9/2015
172017	17	532636	5934938	4246691	51C	9/9/2015
172018	18	532609	5934924	4246691	51C	9/9/2015
172019	19	532611	5934916	4246691	51C	9/9/2015
172020	20	532603	5934912	4246691	51C	9/9/2015
172021	21	532593	5934941	4246691	51C	9/9/2015
172022	22	532564	5934954	4246691	51C	9/9/2015
172023	23	533209	5935478	4261724	51C	9/10/2015
172024	24	533198	5935440	4246691	51C	9/10/2015
172025	25	533196	5935416	4246691	51C	9/10/2015
172026	26	533223	5935429	4261724	51C	9/10/2015
172027	27	533247	5935404	4261724	51C	9/10/2015
172028	28	533241	5935391	4261724	51C	9/10/2015
172029	29	533241	5935373	4261724	51C	9/10/2015
172030	30	533236	5935361	4261724	51C	9/10/2015
172031	31	533217	5935372	4261724	51C	9/10/2015
172032	32	533200	5935368	4261724	51C	9/10/2015
172033	33	533201	5935350	4261724	51C	9/10/2015
172034	34	533171	5935328	4246691	51C	9/10/2015
172035	35	533154	5935320	4246691	51C	9/10/2015
172036	36	533132	5935307	4246691	51C	9/10/2015
172037	37	533119	5935297	4246691	51C	9/10/2015
172038	38	533098	5935281	4246691	51C	9/10/2015
172039	39	533077	5935273	4246691	51C	9/10/2015
172040	40	533062	5935256	4246691	51C	9/10/2015
172041	41	533053	5935241	4246691	51C	9/10/2015
172042	42	533033	5935230	4246691	51C	9/10/2015

Sample ID	GPS Way Point	X	Y	Claim #	Anomaly	Date
172043	43	533018	5935233	4246691	51C	9/10/2015
172044	44	532993	5935206	4246691	51C	9/10/2015
172045	45	532948	5935208	4246691	51C	9/10/2015
172046	46	532929	5935244	4246691	51C	9/10/2015
172047	47	532918	5935249	4246691	51C	9/10/2015
172048	48	532895	5935266	4246691	51C	9/10/2015
172049	49	532881	5935235	4246691	51C	9/10/2015
172050	50	532898	5935225	4246691	51C	9/10/2015
172051	51	532927	5935162	4246691	51C	9/10/2015
172052	52	532912	5935161	4246691	51C	9/10/2015
172053	53	532897	5935144	4246691	51C	9/10/2015
172054	54	532896	5935144	4246691	51C	9/10/2015
172055	55	532881	5935138	4246691	51C	9/10/2015
172056	56	532874	5935131	4246691	51C	9/10/2015
172057	57	532874	5935113	4246691	51C	9/10/2015
172058	58	532889	5935062	4246691	51C	9/10/2015
172059	59	532864	5935040	4246691	51C	9/10/2015
172060	60	532843	5935032	4246691	51C	9/10/2015
172061	61	532827	5935024	4246691	51C	9/10/2015
172062	62	532796	5935018	4246691	51C	9/10/2015
172063	63	532792	5934985	4246691	51C	9/10/2015
172064	64	532762	5934998	4246691	51C	9/10/2015
172065	65	529579	5929687	4261739	Z16-1	9/11/2015
172066	66	529570	5929691	4261739	Z16-1	9/11/2015
172067	67	529534	5929689	4261739	Z16-1	9/11/2015
172068	68	529521	5929673	4261739	Z16-1	9/11/2015
172069	69	529511	5929657	4261739	Z16-1	9/11/2015
172070	70	529498	5929643	4261739	Z16-1	9/11/2015
172071	71	529479	5929627	4261739	Z16-1	9/11/2015
172072	72	529466	5929621	4261739	Z16-1	9/11/2015
172073	73	529450	5929608	4261739	Z16-1	9/11/2015
172074	74	529432	5929601	4261739	Z16-1	9/11/2015
172075	75	529406	5929590	4261741	Z16-1	9/11/2015
172076	76	529388	5929574	4261741	Z16-1	9/11/2015
172077	77	529374	5929564	4261741	Z16-1	9/11/2015
172078	78	529333	5929556	4261741	Z16-1	9/11/2015
172079	79	529318	5929562	4261741	Z16-1	9/11/2015
172080	80	529282	5929546	4261741	Z16-1	9/11/2015
172081	81	529263	5929545	4261741	Z16-1	9/11/2015
172082	82	529250	5929520	4261741	Z16-1	9/11/2015

Sample ID	GPS Way Point	X	Y	Claim #	Anomaly	Date
172083	83	529233	5929518	4261741	Z16-1	9/11/2015
172084	84	529221	5929505	4261741	Z16-1	9/11/2015
172085	85	529203	5929487	4261741	Z16-1	9/11/2015
172086	86	529188	5929473	4261741	Z16-1	9/11/2015
172087	87	529170	5929450	4261741	Z16-1	9/11/2015
172088	88	529159	5929442	4261741	Z16-1	9/11/2015
172089	89	529155	5929426	4261741	Z16-1	9/11/2015
172090	90	529148	5929401	4261741	Z16-1	9/11/2015
172091	91	529142	5929378	4261741	Z16-1	9/11/2015
172092	92	529138	5929364	4261741	Z16-1	9/11/2015
172093	93	529141	5929340	4261741	Z16-1	9/11/2015
172094	94	529131	5929325	4261741	Z16-1	9/11/2015
172095	95	529123	5929304	4261741	Z16-1	9/11/2015
172096	96	529113	5929286	4261741	Z16-1	9/11/2015
172097	97	529098	5929262	4261741	Z16-1	9/11/2015
172098	98	529092	5929251	4261741	Z16-1	9/11/2015
172099	99	529084	5929236	4261741	Z16-1	9/11/2015
172100	100	529073	5929219	4261741	Z16-1	9/11/2015
172101	101	529062	5929203	4261741	Z16-1	9/11/2015
172102	102	529053	5929180	4261741	Z16-1	9/11/2015
172103	103	529047	5929165	4261741	Z16-1	9/11/2015
172104	104	529040	5929144	4261741	Z16-1	9/11/2015
172105	105	529025	5929137	4261741	Z16-1	9/11/2015
172106	106	529019	5929122	4261741	Z16-1	9/11/2015
172107	107	529016	5929109	4261741	Z16-1	9/11/2015
172108	108	530114	5929000	4261742	Z16-2	9/12/2015
172109	109	530086	5928983	4261742	Z16-2	9/12/2015
172110	110	530058	5928997	4261742	Z16-2	9/12/2015
172111	111	530043	5928998	4261742	Z16-2	9/12/2015
172112	112	529989	5928993	4261741	Z16-2	9/12/2015
172113	113	529942	5928987	4261741	Z16-2	9/12/2015
172114	114	529921	5928984	4261741	Z16-2	9/12/2015
172115	115	529904	5928982	4261741	Z16-2	9/12/2015
172116	116	529888	5928964	4261741	Z16-2	9/12/2015
172117	117	529877	5928956	4261741	Z16-2	9/12/2015
172118	118	529852	5928957	4261741	Z16-2	9/12/2015
172119	119	529794	5928971	4261741	Z16-2	9/12/2015
172120	120	529781	5928951	4261741	Z16-2	9/12/2015
172121	121	529773	5928937	4261741	Z16-2	9/12/2015
172122	122	529764	5928923	4261741	Z16-2	9/12/2015

Sample ID	GPS Way Point	X	Y	Claim #	Anomaly	Date
172123	123	529753	5928904	4261741	Z16-2	9/12/2015
172124	124	529745	5928883	4261741	Z16-2	9/12/2015
172125	125	529733	5928867	4261741	Z16-2	9/12/2015
172126	126	529716	5928850	4261741	Z16-2	9/12/2015
172127	127	529700	5928831	4261741	Z16-2	9/12/2015
172128	128	529685	5928817	4261741	Z16-2	9/12/2015
172129	129	529659	5928787	4261741	Z16-2	9/12/2015
172130	130	529644	5928772	4261741	Z16-2	9/12/2015
172131	131	529635	5928770	4261741	Z16-2	9/12/2015
172132	132	529603	5928749	4261741	Z16-2	9/12/2015
172133	133	529589	5928727	4261741	Z16-2	9/12/2015
172134	134	529544	5928716	4261741	Z16-2	9/12/2015
172135	135	529545	5928691	4261741	Z16-2	9/12/2015
172136	136	529551	5928672	4261741	Z16-2	9/12/2015
172137	137	529560	5928649	4261741	Z16-2	9/12/2015
172138	138	529568	5928635	4261741	Z16-2	9/12/2015
172139	139	529584	5928613	4261741	Z16-2	9/12/2015
172140	140	529588	5928594	4261741	Z16-2	9/12/2015
172141	141	529589	5928569	4261741	Z16-2	9/12/2015
172142	142	530793	5928642	4261742	Z16-3	9/13/2015
172143	143	530769	5928630	4261742	Z16-3	9/13/2015
172144	144	530754	5928624	4261742	Z16-3	9/13/2015
172145	145	530735	5928611	4261742	Z16-3	9/13/2015
172146	146	530721	5928597	4261742	Z16-3	9/13/2015
172147	147	530716	5928592	4261742	Z16-3	9/13/2015
172148	148	530694	5928573	4261742	Z16-3	9/13/2015
172149	149	530676	5928567	4261742	Z16-3	9/13/2015
172150	150	530669	5928558	4261742	Z16-3	9/13/2015
172151	151	530643	5928544	4261742	Z16-3	9/13/2015
172152	152	530612	5928512	4261742	Z16-3	9/13/2015
172153	153	530590	5928505	4261742	Z16-3	9/13/2015
172154	154	530572	5928499	4261742	Z16-3	9/13/2015
172155	155	530564	5928494	4261742	Z16-3	9/13/2015
172156	156	530550	5928492	4261742	Z16-3	9/13/2015
172157	157	530525	5928488	4261742	Z16-3	9/13/2015
172158	158	530494	5928465	4261742	Z16-3	9/13/2015
172159	159	530471	5928437	4261742	Z16-3	9/13/2015
172160	160	530457	5928436	4261742	Z16-3	9/13/2015
172161	161	530441	5928420	4261742	Z16-3	9/13/2015
172162	162	530434	5928405	4261742	Z16-3	9/13/2015

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172163	163	530420	5928392	4261742	Z16-3	9/13/2015
172164	164	530409	5928368	4261742	Z16-3	9/13/2015
172165	165	530405	5928348	4261742	Z16-3	9/13/2015
172166	166	530397	5928327	4261742	Z16-3	9/13/2015
172167	167	530387	5928302	4261742	Z16-3	9/13/2015
172168	168	530370	5928281	4261742	Z16-3	9/13/2015
172169	169	530354	5928266	4261742	Z16-3	9/13/2015
172170	170	530332	5928262	4261742	Z16-3	9/13/2015
172171	171	530303	5928257	4261742	Z16-3	9/13/2015
172172	172	530277	5928246	4261742	Z16-3	9/13/2015
172173	173	530245	5928232	4261742	Z16-3	9/13/2015
172174	174	530221	5928206	4261742	Z16-3	9/13/2015
172175	175	530204	5928194	4261742	Z16-3	9/13/2015
172176	176	530193	5928173	4261742	Z16-3	9/13/2015
172177	177	530189	5928161	4261742	Z16-3	9/13/2015
172178	178	530178	5928145	4261742	Z16-3	9/13/2015
172179	179	530174	5928137	4261742	Z16-3	9/13/2015
172180	180	530160	5928113	4261742	Z16-3	9/13/2015
172181	181	530145	5928088	4261742	Z16-3	9/13/2015
172182	182	530101	5928044	4261742	Z16-3	9/13/2015
172183	183	530051	5928013	4261742	Z16-3	9/13/2015
172184	184	530037	5927984	4261748	Z16-3	9/13/2015
172185	185	530020	5927975	4261748	Z16-3	9/13/2015
172186	186	530005	5927967	4261748	Z16-3	9/13/2015
172187	187	529999	5927932	4261747	Z16-3	9/13/2015
172188	188	531534	5928789	4261742	Z16-4	9/14/2015
172189	189	531523	5928766	4261742	Z16-4	9/14/2015
172190	190	531490	5928733	4261742	Z16-4	9/14/2015
172191	191	531493	5928731	4261742	Z16-4	9/14/2015
172192	192	531486	5928711	4261742	Z16-4	9/14/2015
172193	193	531476	5928681	4261742	Z16-4	9/14/2015
172194	194	531457	5928653	4261742	Z16-4	9/14/2015
172195	195	531421	5928636	4261742	Z16-4	9/14/2015
172196	196	531409	5928636	4261742	Z16-4	9/14/2015
172197	197	531397	5928629	4261742	Z16-4	9/14/2015
172198	198	531389	5928607	4261742	Z16-4	9/14/2015
172199	199	531376	5928598	4261742	Z16-4	9/14/2015
172200	200	531368	5928583	4261742	Z16-4	9/14/2015
172201	201	531363	5928570	4261742	Z16-4	9/14/2015
172202	202	531336	5928564	4261742	Z16-4	9/14/2015

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172203	203	531310	5928561	4261742	Z16-4	9/14/2015
172204	204	531288	5928492	4261742	Z16-4	9/14/2015
172205	205	531292	5928484	4261742	Z16-4	9/14/2015
172206	206	531298	5928460	4261742	Z16-4	9/14/2015
172207	207	531306	5928443	4261742	Z16-4	9/14/2015
172208	208	531307	5928428	4261742	Z16-4	9/14/2015
172209	209	531303	5928407	4261742	Z16-4	9/14/2015
172210	210	531284	5928377	4261742	Z16-4	9/14/2015
172211	211	531270	5928348	4261742	Z16-4	9/14/2015
172212	212	531256	5928285	4261742	Z16-4	9/14/2015
172213	213	531249	5928272	4261742	Z16-4	9/14/2015
172214	214	531216	5928272	4261742	Z16-4	9/14/2015
172215	215	531183	5928219	4261742	Z16-4	9/14/2015
172216	216	531167	5928193	4261742	Z16-4	9/14/2015
172217	217	531157	5928167	4261742	Z16-4	9/14/2015
172218	218	531142	5928139	4261742	Z16-4	9/14/2015
172219	219	531135	5928123	4261742	Z16-4	9/14/2015
172220	220	531123	5928115	4261742	Z16-4	9/14/2015
172221	221	531108	5928102	4261742	Z16-4	9/14/2015
172222	222	531099	5928094	4261742	Z16-4	9/14/2015
172223	223	531068	5928064	4261742	Z16-4	9/14/2015
172224	224	531021	5928051	4261742	Z16-4	9/14/2015
172225	225	531016	5928046	4261742	Z16-4	9/14/2015
172226	226	530317	5927573	4261748	Z16-4	9/15/2015
172227	227	530315	5927607	4261748	Z16-4	9/15/2015
172228	228	530314	5927615	4261748	Z16-4	9/15/2015
172229	229	530333	5927649	4261748	Z16-4	9/15/2015
172230	230	530345	5927657	4261748	Z16-4	9/15/2015
172231	231	530380	5927667	4261748	Z16-4	9/15/2015
172232	232	530394	5927687	4261748	Z16-4	9/15/2015
172233	233	530411	5927704	4261748	Z16-4	9/15/2015
172234	234	530425	5927712	4261748	Z16-4	9/15/2015
172235	235	530442	5927723	4261748	Z16-4	9/15/2015
172236	236	530471	5927735	4261748	Z16-4	9/15/2015
172237	237	530519	5927748	4261748	Z16-4	9/15/2015
172238	238	530536	5927756	4261748	Z16-4	9/15/2015
172239	239	530551	5927763	4261748	Z16-4	9/15/2015
172240	240	530589	5927779	4261748	Z16-4	9/15/2015
172241	241	530613	5927789	4261748	Z16-4	9/15/2015
172242	242	530639	5927791	4261748	Z16-4	9/15/2015

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172243	243	530652	5927796	4261748	Z16-4	9/15/2015
172244	244	530683	5927800	4261748	Z16-4	9/15/2015
172245	245	530705	5927804	4261748	Z16-4	9/15/2015
172246	246	530748	5927804	4261748	Z16-4	9/15/2015
172247	247	530765	5927808	4261748	Z16-4	9/15/2015
172248	248	530791	5927829	4261748	Z16-4	9/15/2015
172249	249	530795	5927830	4261748	Z16-4	9/15/2015
172250	250	530813	5927841	4261748	Z16-4	9/15/2015
172251	251	530880	5927895	4261748	Z16-4	9/15/2015
172252	252	530880	5927924	4261748	Z16-4	9/15/2015
172253	253	530901	5927982	4261748	Z16-4	9/15/2015
172254	254	530940	5928009	4261742	Z16-4	9/15/2015
172255	255	532917	5927513	4261749	Z18	9/16/2015
172256	256	532918	5927531	4261749	Z18	9/16/2015
172257	257	532927	5927556	4261749	Z18	9/16/2015
172258	258	532940	5927573	4261749	Z18	9/16/2015
172259	259	532955	5927595	4261749	Z18	9/16/2015
172260	260	532968	5927606	4261749	Z18	9/16/2015
172261	261	532995	5927621	4261749	Z18	9/16/2015
172262	262	533003	5927646	4261749	Z18	9/16/2015
172263	263	533013	5927655	4261749	Z18	9/16/2015
172264	264	533031	5927671	4261749	Z18	9/16/2015
172265	265	533043	5927681	4261749	Z18	9/16/2015
172266	266	533050	5927696	4261749	Z18	9/16/2015
172267	267	533061	5927706	4261749	Z18	9/16/2015
172268	268	533069	5927718	4261749	Z18	9/16/2015
172269	269	533096	5927723	4261749	Z18	9/16/2015
172270	270	533096	5927721	4261749	Z18	9/16/2015
172271	271	533110	5927699	4261749	Z18	9/16/2015
172272	272	533141	5927695	4261749	Z18	9/16/2015
172273	273	533164	5927699	4261749	Z18	9/16/2015
172274	274	533185	5927703	4261749	Z18	9/16/2015
172275	275	533195	5927719	4261749	Z18	9/16/2015
172276	276	533210	5927730	4261750	Z18	9/16/2015
172277	277	533230	5927734	4261750	Z18	9/16/2015
172278	278	533252	5927732	4261750	Z18	9/16/2015
172279	279	533271	5927728	4261750	Z18	9/16/2015
172280	280	533281	5927754	4261750	Z18	9/16/2015
172281	281	533303	5927786	4261750	Z18	9/16/2015
172282	282	533307	5927802	4261750	Z18	9/16/2015

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172283	283	533308	5927819	4261750	Z18	9/16/2015
172284	284	533291	5927836	4261750	Z18	9/16/2015
172285	285	533332	5927857	4261750	Z18	9/16/2015
172286	286	533325	5927887	4261750	Z18	9/16/2015
172287	287	533354	5927947	4261750	Z18	9/16/2015
172288	288	534245	5927450	4261750	Z19	9/16/2015
172289	289	534195	5927443	4261750	Z19	9/16/2015
172290	290	534172	5927443	4261750	Z19	9/16/2015
172291	291	534147	5927427	4261750	Z19	9/16/2015
172292	292	534117	5927435	4261750	Z19	9/16/2015
172293	293	534070	5927401	4261750	Z19	9/16/2015
172294	294	534054	5927386	4261750	Z19	9/16/2015
172295	295	534039	5927369	4261750	Z19	9/16/2015
172296	296	534008	5927313	4261750	Z19	9/16/2015
172297	297	533965	5927258	4261750	Z19	9/16/2015
172298	298	533958	5927245	4261750	Z19	9/16/2015
172299	299	533947	5927215	4261750	Z19	9/16/2015
172300	300	533932	5927174	4261750	Z19	9/16/2015
172301	301	533943	5927128	4261750	Z19	9/16/2015
172302	302	533937	5927107	4261750	Z19	9/16/2015
172303	303	533915	5927091	4261750	Z19	9/16/2015
172304	304	533881	5927059	4261750	Z19	9/16/2015
172305	305	518214	5945738	4246109	25b	9/17/2015
172306	306	518220	5945764	4246109	25b	9/17/2015
172307	307	518236	5945781	4246109	25b	9/17/2015
172308	308	518231	5945806	4246109	25b	9/17/2015
172309	309	518232	5945879	4246109	25b	9/17/2015
172310	310	518241	5945890	4246109	25b	9/17/2015
172311	311	518245	5945904	4246109	25b	9/17/2015
172312	312	518262	5945927	4246109	25b	9/17/2015
172313	313	518269	5945949	4246109	25b	9/17/2015
172314	314	518281	5945972	4246109	25b	9/17/2015
172315	315	518300	5945999	4246109	25b	9/17/2015
172316	316	518307	5946022	4246109	25b	9/17/2015
172317	317	518303	5946040	4246109	25b	9/17/2015
172318	318	518310	5946056	4246109	25b	9/17/2015
172319	319	518343	5946119	4246109	25b	9/17/2015
172320	320	518343	5946137	4246109	25b	9/17/2015
172321	321	518338	5946152	4246109	25b	9/17/2015
172322	322	518335	5946165	4246109	25b	9/17/2015

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172323	323	518331	5946184	4246109	25b	9/17/2015
172324	324	518336	5946204	4246109	25b	9/17/2015
172325	325	518331	5946229	4246109	25b	9/17/2015
172326	326	518323	5946269	4246109	25b	9/17/2015
172327	327	518325	5946292	4246109	25b	9/17/2015
172328	328	518328	5946312	4246109	25b	9/17/2015
172329	329	518341	5946313	4246109	25b	9/17/2015
172330	330	518369	5946308	4246109	25b	9/17/2015
172331	331	518383	5946321	4246109	25b	9/17/2015
172332	332	518391	5946340	4246109	25b	9/17/2015
172333	333	518397	5946353	4246109	25b	9/17/2015
172334	334	516209	5946932	4246108	25a	9/18/2015
172335	335	516181	5946915	4246108	25a	9/18/2015
172336	336	516156	5946897	4246108	25a	9/18/2015
172337	337	516115	5946892	4246108	25a	9/18/2015
172338	338	516081	5946900	4246108	25a	9/18/2015
172339	339	516068	5946865	4246108	25a	9/18/2015
172340	340	516047	5946855	4246108	25a	9/18/2015
172341	341	516027	5946850	4246108	25a	9/18/2015
172342	342	516002	5946847	4246108	25a	9/18/2015
172343	343	515981	5946844	4246108	25a	9/18/2015
172344	344	515951	5946825	4246108	25a	9/18/2015
172345	345	515944	5946781	4246108	25a	9/18/2015
172346	346	515938	5946772	4246108	25a	9/18/2015
172347	347	515914	5946759	4246108	25a	9/18/2015
172348	348	515892	5946747	4246108	25a	9/18/2015
172349	349	515857	5946698	4246108	25a	9/18/2015
172350	350	515843	5946690	4246108	25a	9/18/2015
172351	351	515824	5946680	4246108	25a	9/18/2015
172352	352	515790	5946667	4246108	25a	9/18/2015
172353	353	515766	5946669	4246108	25a	9/18/2015
172354	354	515750	5946661	4246108	25a	9/18/2015
172355	355	515741	5946628	4246108	25a	9/18/2015
172356	356	515746	5946610	4246108	25a	9/18/2015
172357	357	515738	5946568	4246108	25a	9/18/2015
172358	358	515723	5946535	4246108	25a	9/18/2015
172359	359	515722	5946496	4246108	25a	9/18/2015
172360	360	515715	5946476	4246108	25a	9/18/2015
172361	361	515722	5946450	4246108	25a	9/18/2015
172362	362	515714	5946439	4246108	25a	9/18/2015

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172363	363	515724	5946395	4246108	25a	9/18/2015
172364	364	515743	5946352	4246108	25a	9/18/2015
172365	365	515741	5946339	4246108	25a	9/18/2015
172366	366	515748	5946315	4246108	25a	9/18/2015
172367	367	515749	5946308	4246108	25a	9/18/2015
172368	368	515750	5946277	4246108	25a	9/18/2015
172369	369	515752	5946256	4246108	25a	9/18/2015
172370	370	515757	5946221	4246108	25a	9/18/2015
172371	371	515759	5946194	4246108	25a	9/18/2015
172372	372	515763	5946167	4246108	25a	9/18/2015
172373	373	515769	5946144	4246108	25a	9/18/2015
172374	374	512418	5948630	4246591	30	9/19/2015
172375	375	512401	5948600	4246591	30	9/19/2015
172376	376	512386	5948580	4246590	30	9/19/2015
172377	377	512389	5948556	4246590	30	9/19/2015
172378	378	512391	5948531	4246590	30	9/19/2015
172379	379	512391	5948510	4246590	30	9/19/2015
172380	380	512391	5948491	4246590	30	9/19/2015
172381	381	512392	5948463	4246590	30	9/19/2015
172382	382	512387	5948452	4246590	30	9/19/2015
172383	383	512394	5948428	4246590	30	9/19/2015
172384	384	512403	5948410	4246591	30	9/19/2015
172385	385	512400	5948384	4246590	30	9/19/2015
172386	386	512395	5948369	4246590	30	9/19/2015
172387	387	512399	5948352	4246590	30	9/19/2015
172388	388	512394	5948340	4246590	30	9/19/2015
172389	389	512393	5948328	4246590	30	9/19/2015
172390	390	512393	5948312	4246590	30	9/19/2015
172391	391	512398	5948278	4246590	30	9/19/2015
172392	392	512408	5948254	4246591	30	9/19/2015
172393	393	512403	5948228	4246591	30	9/19/2015
172394	394	512407	5948211	4246591	30	9/19/2015
172395	395	512409	5948194	4246591	30	9/19/2015
172396	396	512415	5948172	4246591	30	9/19/2015
172397	397	512419	5948155	4246591	30	9/19/2015
172398	398	512420	5948136	4246591	30	9/19/2015
172399	399	512408	5948132	4246591	30	9/19/2015
172400	400	512402	5948107	4246591	30	9/19/2015
172401	401	512402	5948075	4246591	30	9/19/2015
172402	402	512402	5948062	4246591	30	9/19/2015

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172403	403	512407	5948038	4246591	30	9/19/2015
172404	404	512406	5948018	4246591	30	9/19/2015
172405	405	512406	5947994	4246591	30	9/19/2015
172406	406	512398	5947978	4246590	30	9/19/2015
172407	407	512405	5947965	4246591	30	9/19/2015
172408	408	512405	5947950	4246591	30	9/19/2015
172409	409	512409	5947934	4246591	30	9/19/2015
172410	410	512409	5947916	4246591	30	9/19/2015
172411	411	512407	5947896	4246591	30	9/19/2015
172412	412	512414	5947883	4246591	30	9/19/2015
172413	413	512414	5947858	4246591	30	9/19/2015
172414	414	512420	5947834	4246591	30	9/19/2015
172415	415	512423	5947816	4246591	30	9/19/2015
172416	416	512423	5947789	4246591	30	9/19/2015
172417	417	512410	5947776	4246591	30	9/19/2015
172418	418	512419	5947754	4246591	30	9/19/2015
172419	419	535704	5930873	4261735	Z14	9/20/2015
172420	420	535738	5930892	4261735	Z14	9/20/2015
172421	421	535762	5930904	4261735	Z14	9/20/2015
172422	422	535808	5930911	4261735	Z14	9/20/2015
172423	423	535845	5930918	4261735	Z14	9/20/2015
172424	424	535873	5930945	4261735	Z14	9/20/2015
172425	425	535921	5930969	4261735	Z14	9/20/2015
172426	426	535944	5930971	4261735	Z14	9/20/2015
172427	427	535968	5930976	4261735	Z14	9/20/2015
172428	428	535990	5930999	4261735	Z14	9/20/2015
172429	429	536002	5931021	4261735	Z14	9/20/2015
172430	430	536020	5931057	4261735	Z14	9/20/2015
172431	431	536041	5931075	4261735	Z14	9/20/2015
172432	432	536029	5931104	4261735	Z14	9/20/2015
172433	433	536057	5931114	4261735	Z14	9/20/2015
172434	434	536070	5931129	4261735	Z14	9/20/2015
172435	435	536126	5931166	4261735	Z14	9/20/2015
172436	436	536170	5931179	4261735	Z14	9/20/2015
172437	437	536178	5931196	4261735	Z14	9/20/2015
172438	438	536189	5931211	4261732	Z14	9/20/2015
172439	439	536209	5931227	4261732	Z14	9/20/2015
172440	440	536240	5931289	4261732	Z14	9/20/2015
172441	441	536242	5931313	4261732	Z14	9/20/2015
172442	442	536260	5931325	4261732	Z14	9/20/2015

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172443	443	536300	5931345	4261732	Z14	9/20/2015
172444	444	536317	5931364	4261732	Z14	9/20/2015
172445	445	536317	5931393	4261732	Z14	9/20/2015
172446	446	536335	5931411	4261732	Z14	9/20/2015
172447	447	536378	5931415	4261732	Z14	9/20/2015
172448	448	536418	5931428	4261733	Z14	9/20/2015

The samples were located within 16 claims of the Sinocan as shown in Table 7.2.

Table 7-2 # of Samples within the Claims

Claim #	# of Samples within the Claim
4246108	40
4246109	29
4246590	16
4246591	29
4246691	55
4261724	9
4261732	10
4261733	1
4261735	19
4261739	10
4261741	63
4261742	85
4261747	1
4261748	31
4261749	21
4261750	29

8.0 SAMPLE PREPARE AND ANALYSIS

All the samples were submitted to Actlabs Thunder Bay and analyzed in Actlabs Ancaster, Ontario which has ISO17025 accreditation by the Standards Council of Canada (SCC) for specific registered tests. The samples were analyzed with ICP-MS for unashed vegetation. Raw vegetation samples are digested in aqua regia at 95°C for 2 hours. Resultant sample solutions are diluted and analyzed on a Perkin Elmer Sciex ELAN 6000, 6100 or 9000 ICP/MS. A blank is run every 69 samples. Two digested controls are analyzed every 69 samples. Duplicates are digested and analyzed every 15 samples. Instrument is recalibrated every 69 samples. The assay contents and detection limits are detailed in Table 8.1.

Table 8-1 The Assay Contents And Detection Limits

Element	Detection Limit	Element	Detection Limit	Element	Detection Limit	Element	Detection Limit
Ag	10	Er	0.2	Mo	1	Sr	100
Al	1000	Eu	0.8	Na	400	Ta	1
As	60	Fe	0.002 ppm	Nb	2	Tb	3
Au	0.2	Ga	1	Nd	1	Te	3
B	400	Gd	2	Ni	3	Th	10
Ba	5	Ge	10	P	300	Ti	50
Be	30	Hf	2	Pb	20	Tl	1
Bi	20	Hg	10	Pd	7	Tm	0.1
Ca	300	Ho	0.2	Pr	5	U	1
Cd	4	In	1	Pt	4	V	20
Ce	2	K	60	Rb	20	W	10
Co	2	La	3	Re	1	Y	1
Cr	40	Li	20	Sb	4	Yb	1
Cs	0.2	Lu	0.2	Se	30	Zn	5
Cu	90	Mg	600	Sm	0.2	Zr	20
Dy	0.2	Mn	20	Sn	100		

(Source: Actlabs)

Assay results are attached as Appendix I.

9.0 PRELIMINARY INTERPRETATION

A preliminary study of the vegetation geochemistry sampling results indicates that some geochemistry anomalies are associated with the selected EM geophysics anomalies.

As shown in figure 9.1, Au is well correlated with the anomaly 51C which was drilled in 2013 and Au mineralization was encountered.

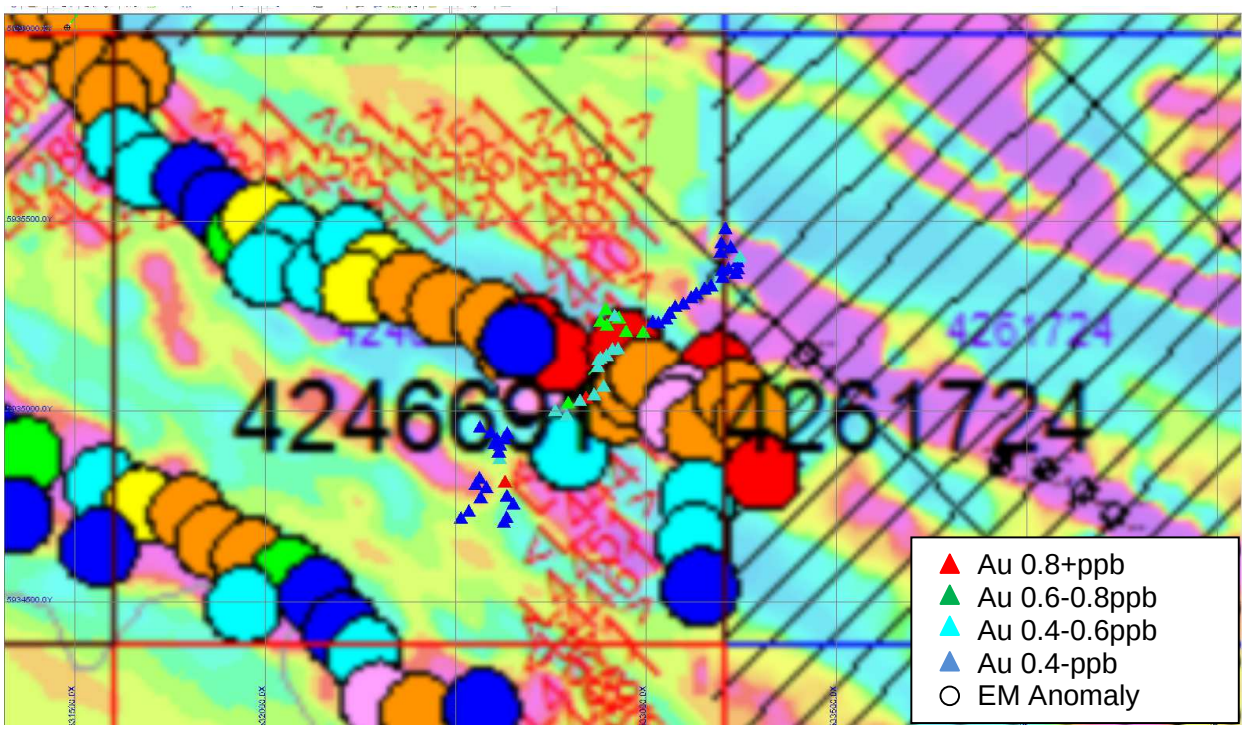

Figure 9.1 Au distribution along traverse at Anomaly 51C

Figure 9.2 and 9.3 show that Au demonstrates higher vales over the airborne geophysics anomalies at anomaly Z16 and 30.

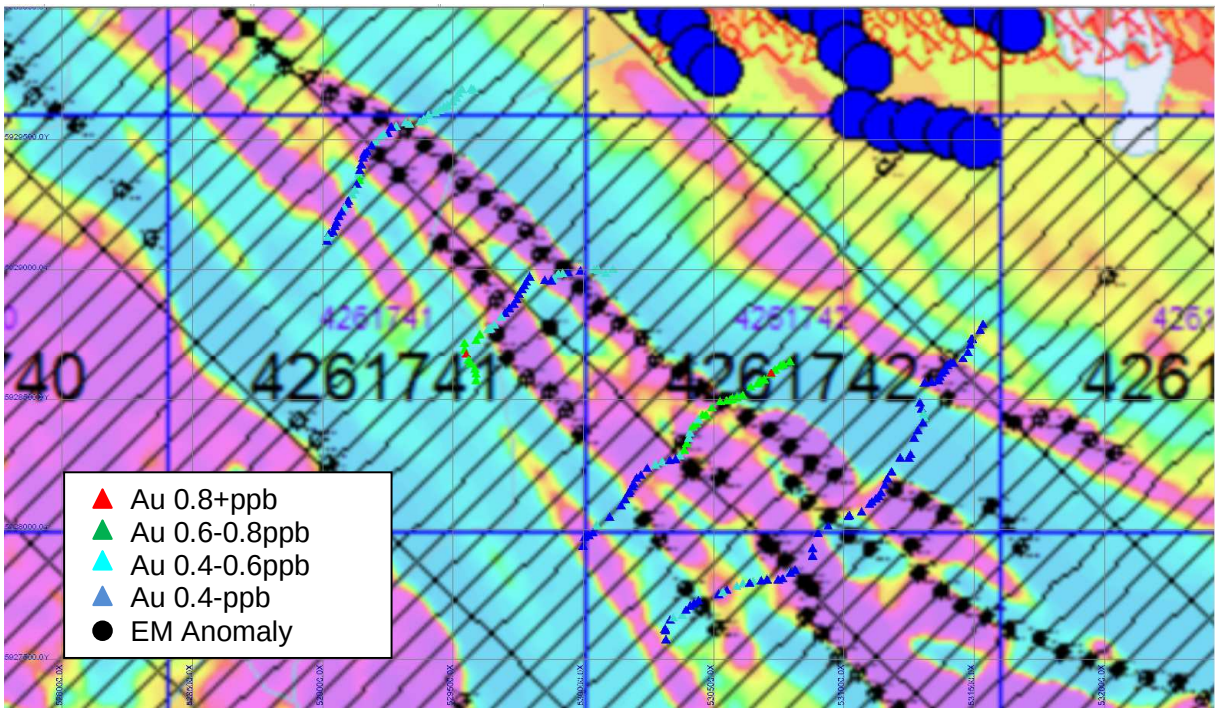

Figure 9.2 Au distribution at Anomaly Z16

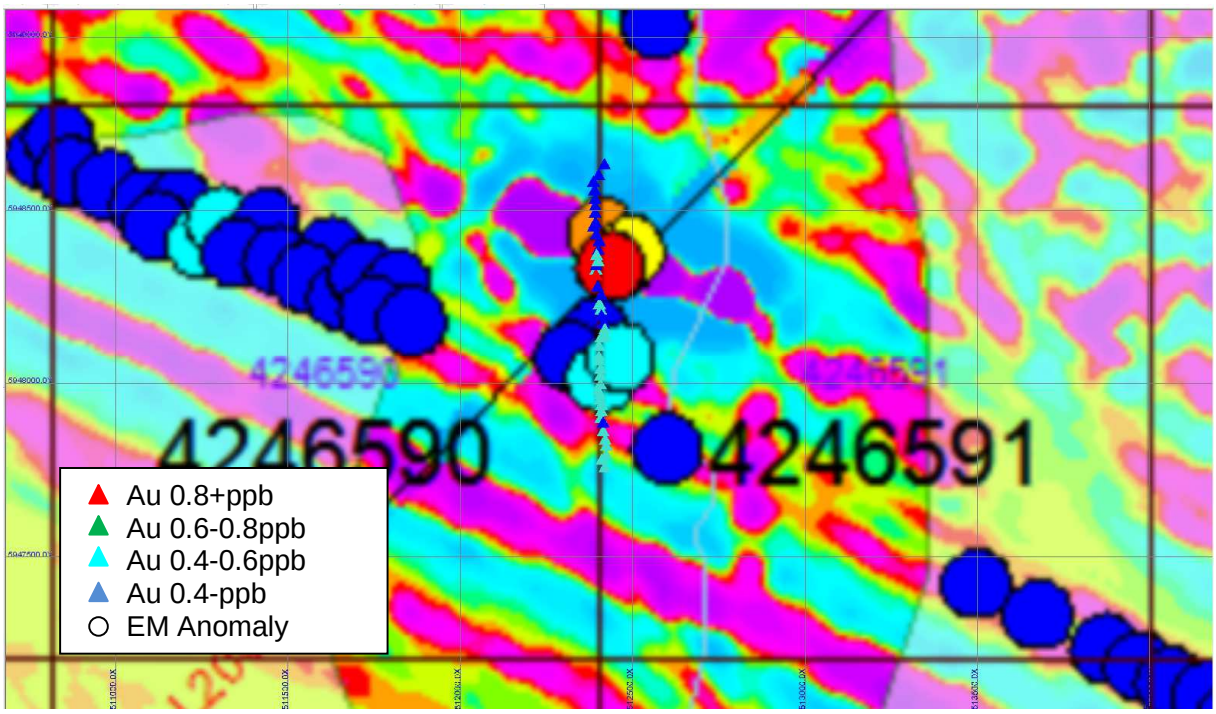

Figure 9.3 Au distribution at Anomaly 30

Figure 9.4 and 9.5 present anomaly of Dysprosium and Arsenic across anomaly 51C.

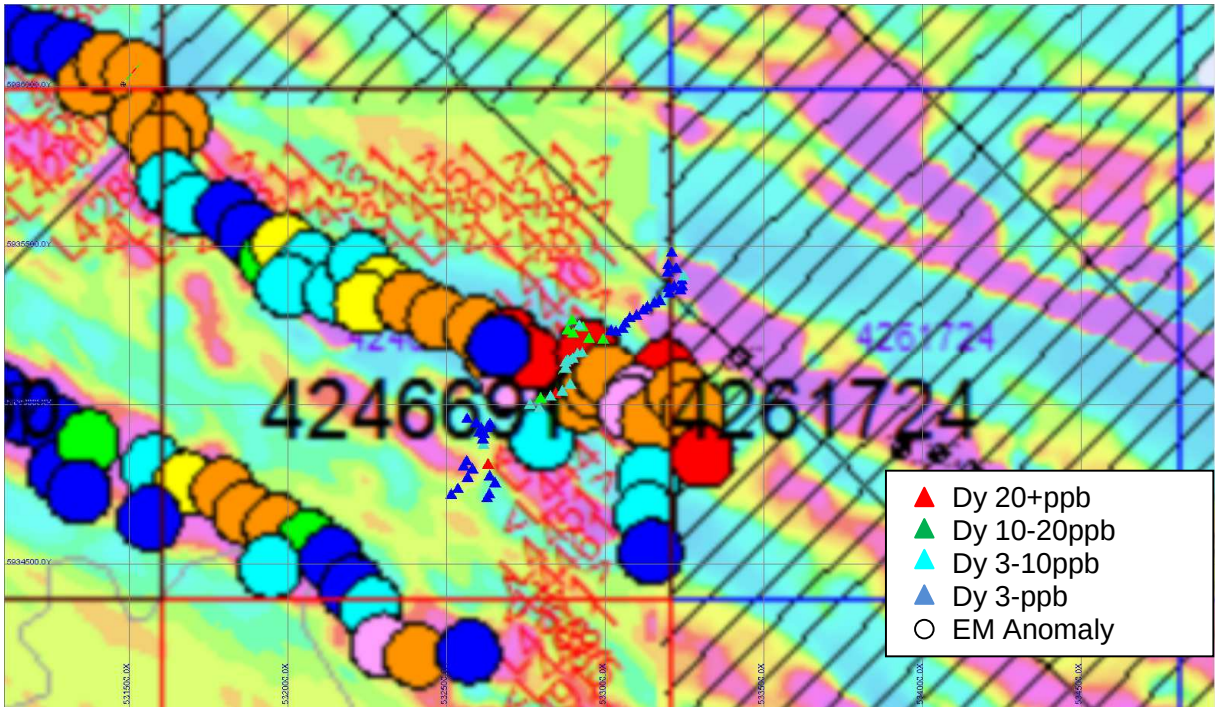

Figure 9.4 Dysprosium distribution along traverse at Anomaly 51C

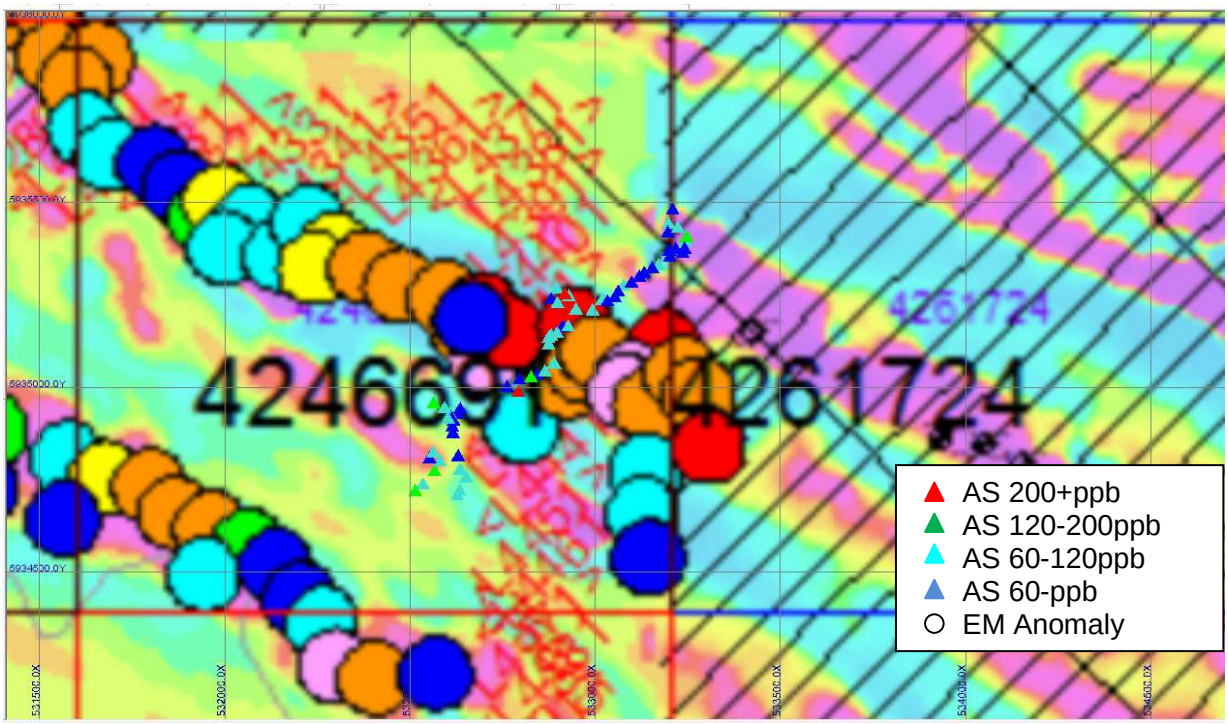

Figure 9.5 As distribution along traverse at Anomaly 51C

Value of Arsenic are higher over the EM anomalies of Z14 and Z16 as shown in Figure 9.6 to 9.7.

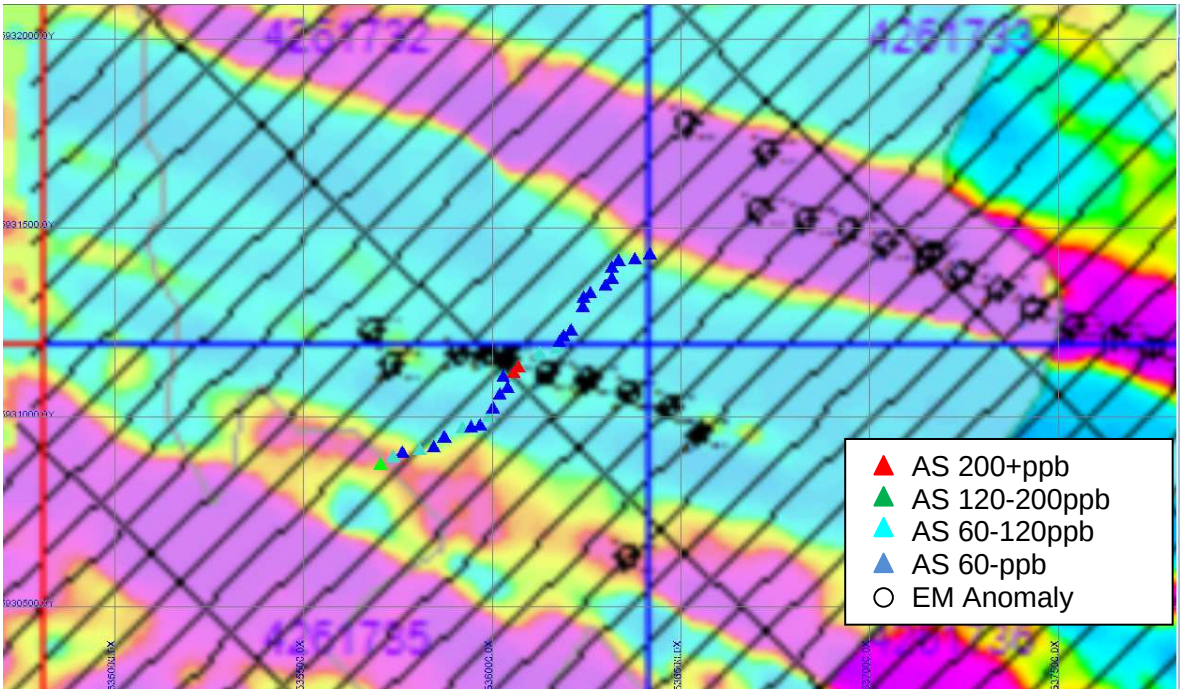

Figure 9.6 As distribution along traverse at Anomaly Z14

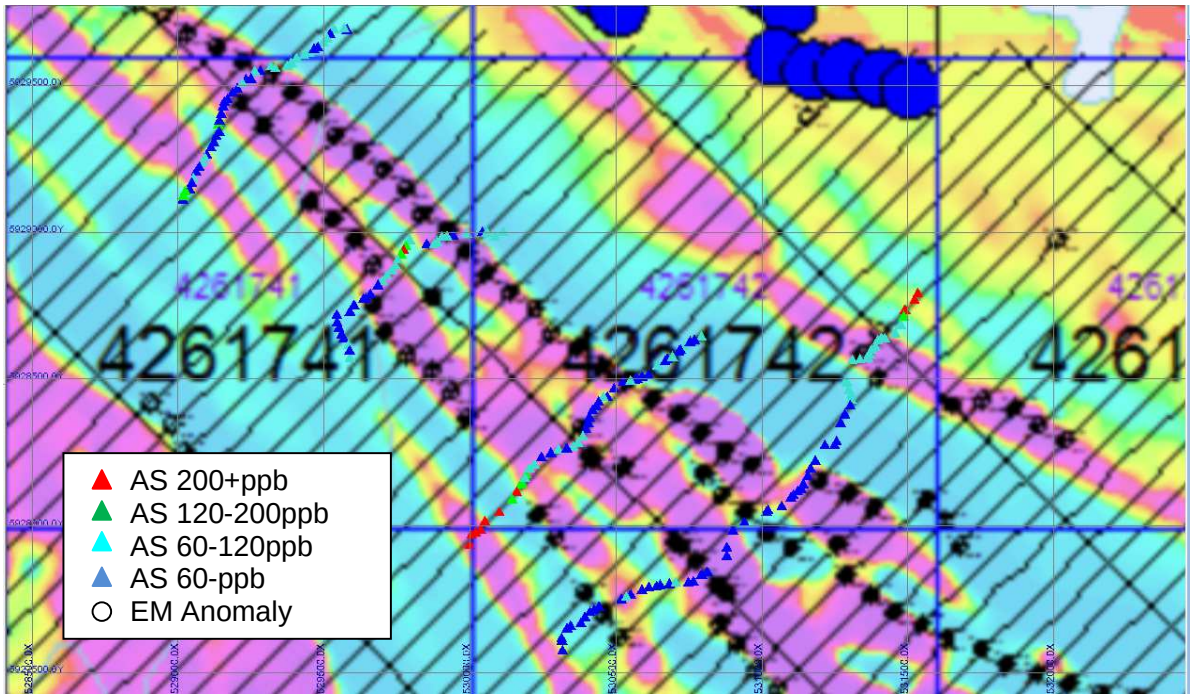

Figure 9.7 As distribution along traverse at Anomaly Z16 and Z17

Sr also appears good correlation with EM anomaly of 51C (Figure 9.8).

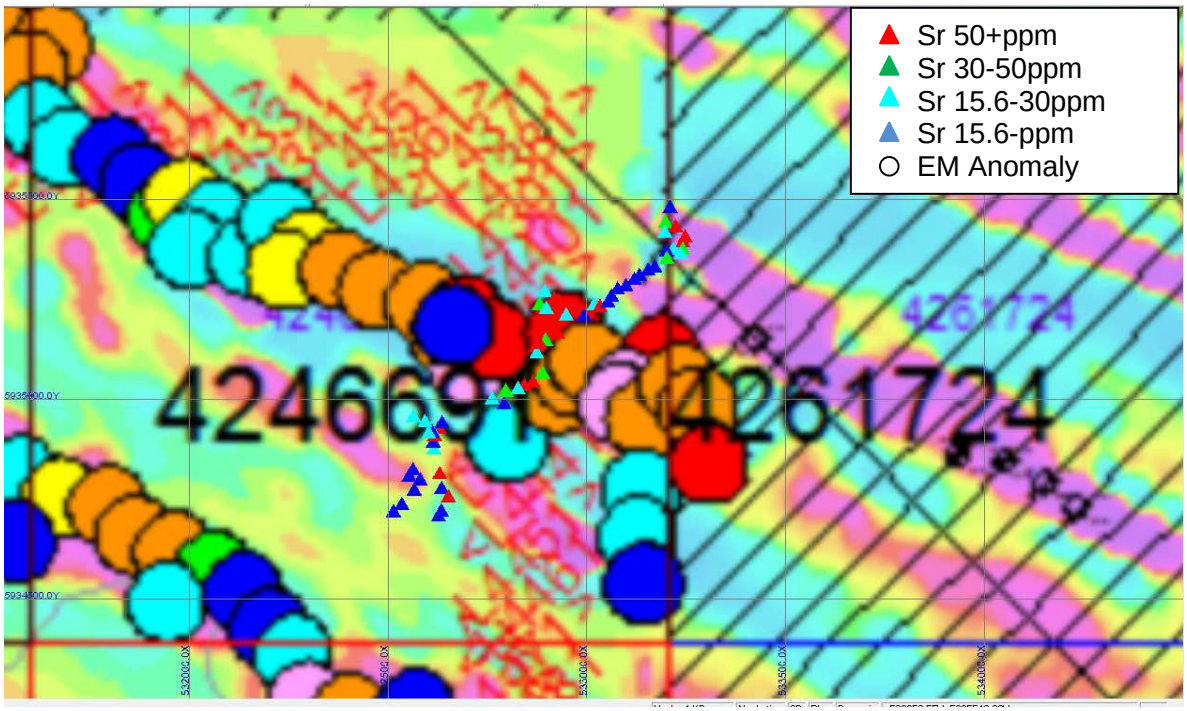

Figure 9.8 Sr distribution along traverse at Anomaly 51c

10.0 TOTAL EXPLORATION COST IN 2014

The exploration cost for the North Ring of Fire Project in 2015 was totalled CAD$154,490. The expenses are summarized in Table 10.1.

Table 10-1 Sinocan Exploration Expenses in 2015

Item	Cost (CAD$)
Helicopter	$63,990
Labour fees	$36,000
Sampling Supplies and rental	$3,260
Travel Flights	$1,440
Accommodation and food	$7,170
Sample Analysis	$16,830
Technical Consulting Charges	$25,800
Total	$154,490

The break down cost per claim is tabulated in Table 10.2.

Table 10-2 Break Down Cost for Sampled Claims

Claim #	# of Samples	Cost per Claim
4246108	40	$13,794
4246109	29	$10,000
4246590	16	$5,518
4246591	29	$10,000
4246691	55	$18,966
4261724	9	$3,104
4261732	10	$3,448
4261733	1	$345
4261735	19	$6,552
4261739	10	$3,448
4261741	63	$21,725
4261742	85	$29,312
4261747	1	$345
4261748	31	$10,690
4261749	21	$7,242
4261750	29	$10,000
Total	448	$154,490

11.0 RECOMMENDATIONS

As the geochemistry sampling results were conformed to the geophysics anomalies, It is recommends that a drilling program should be carried out in 2016 to test the anomalies within the property.

12.0 REFERENCES

Aeroquest Airborne, 2014. Report on a Helicopter-Borne Versatile Time Domain Electromagnetic (VTEM^{plus}) and Horizontal Magnetic Gradiometer Geophysical Survey

Geotech Airborne Geophysical Surveys, 2014. The results of EMIT Maxwell Plate Modeling of selected VTEM anomaly

Y. Wu, 2014. Assessment Report On Geochemistry Sampling Program, North Ring of Fire Property, Northern Ontario, of China International Resources Development Ltd.

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Bell Geospace, 2012. Final report, Processing and acquisition of air-FTG data and Magnetics, Winisksis Channel project, Ontario, Canada

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Y. Wu, 2012. Assessment Report On North Ring of Fire Property, Northern Ontario, of Sinocan Resources Corp.

Aeroquest, 2011. Interpretation report on a Helicopter-Borne AeroTEM IV electromagnetic and magnetic survey

Golder Associates, 2010. Technical report and resource estimate, McFaulds Lake project, James Bay lowlands, Ontario,

R.T Metsaranta, 2010. McFaulds Lake Area Regional Compilation and Bedrock Geology Mapping Project, Summary of Field Work and Other Activities 2010, Ontario Geological Survey, Open File Report 6260, p.17-1 to 17-5.

Appendix I

Assay Results

Quality Analysis ... *Innovative Technologies*

Date Submitted: 22-Sep-15
Invoice No.: A15-08010
Invoice Date: 29-Oct-15
Your Reference:

Sinocan Resources
Room 641, 675 Cochrane Dr East Tower, 6th Floor
Markham Ont L3R0B8
Canada

ATTN: Lizzy Wang

CERTIFICATE OF ANALYSIS

448 Vegetation samples were submitted for analysis.

The following analytical package was requested: Code 2G Unashed Vegetation ICP/MS

REPORT **A15-08010**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172001	30	343000	180	0.3	6000	30000	< 50	4.0	7180000	30	688	65	750	96	1320	46.2	22	14	159	112	65	< 1	7
172002	50	239000	110	0.3	6000	36600	< 50	2.8	7380000	< 10	446	45	700	74	1310	28.7	13	10	114	50	41	6	4
172003	80	188000	120	< 0.2	5000	50600	< 50	4.9	7690000	40	347	45	480	55	1360	22.8	11	6	113	74	29	8	4
172004	100	121000	90	< 0.2	4000	24300	< 50	1.8	4780000	20	270	31	230	44	1210	20.3	6	5	59	33	27	< 1	< 3
172005	40	123000	80	< 0.2	3000	42700	< 50	2.0	5120000	50	236	34	320	36	1310	16.4	6	6	68	37	22	< 1	3
172006	40	66000	90	< 0.2	4000	27800	< 50	3.6	8390000	60	157	29	330	20	1760	8.3	2	2	53	17	10	7	< 3
172007	40	47000	60	< 0.2	3000	22500	< 50	2.5	6430000	20	69	20	250	22	1490	5.2	2	1	37	16	7	< 1	< 3
172008	100	83000	60	< 0.2	3000	13400	< 50	2.1	4170000	< 10	124	22	600	35	920	8.3	3	3	57	14	11	4	< 3
172009	90	54000	40	< 0.2	4000	11000	< 50	1.9	5670000	10	70	14	400	27	950	4.1	2	2	40	15	7	3	< 3
172010	40	64000	60	< 0.2	5000	54600	< 50	3.1	7150000	60	108	27	270	30	1170	6.1	2	3	69	27	10	5	< 3
172011	20	67000	50	14.3	6000	34000	< 50	2.9	9320000	30	122	28	210	54	1250	7.4	3	2	54	16	10	< 1	< 3
172012	20	28000	40	0.4	5000	41400	< 50	2.4	7360000	10	52	19	110	23	1040	3.0	3	< 1	36	12	< 4	1	< 3
172013	50	35000	50	0.3	4000	29000	< 50	2.5	4850000	10	62	23	400	19	1080	3.8	3	< 1	38	4	5	< 1	< 3
172014	30	28000	30	< 0.2	3000	39600	< 50	2.2	7050000	20	51	22	220	34	1050	3.1	< 1	1	33	8	5	< 1	< 3
172015	50	33000	40	0.2	4000	34300	< 50	3.4	7070000	40	64	18	120	16	1240	4.9	2	2	42	15	< 4	< 1	< 3
172016	30	24000	30	0.2	2000	25900	< 50	1.7	5470000	10	37	13	140	34	1750	3.2	1	< 1	25	15	< 4	< 1	< 3
172017	30	25000	30	0.3	3000	23000	< 50	2.9	4770000	30	43	15	150	25	1330	3.5	< 1	< 1	31	6	< 4	3	< 3
172018	40	39000	60	0.2	5000	36700	< 50	18.1	11300000	20	72	25	250	23	1100	4.6	3	2	48	16	5	2	< 3
172019	40	26000	30	0.2	6000	28300	< 50	2.3	6320000	< 10	32	13	140	20	920	1.2	1	1	29	7	< 4	1	< 3
172020	40	35000	60	0.3	4000	35100	< 50	3.8	7430000	20	60	22	230	24	1570	3.3	2	2	42	19	5	5	< 3
172021	40	40000	60	0.2	2000	45900	< 50	5.8	9540000	70	81	46	250	21	820	4.5	2	3	52	< 4	5	2	< 3
172022	50	35000	140	0.3	4000	50000	< 50	4.3	13400000	30	55	37	300	23	1390	3.4	2	2	40	12	5	4	< 3
172023	30	29000	40	0.3	6000	46100	< 50	2.7	6750000	20	36	16	200	21	1210	1.9	1	< 1	32	6	< 4	< 1	< 3
172024	60	23000	60	0.3	4000	101000	< 50	2.8	10300000	30	35	27	170	26	1120	2.9	< 1	< 1	27	5	< 4	< 1	< 3
172025	50	43000	50	0.2	3000	59300	< 50	4.6	7970000	60	83	31	240	25	1130	5.0	3	2	50	14	4	2	< 3
172026	30	25000	60	< 0.2	3000	85800	< 50	3.5	12600000	150	44	45	110	39	1890	3.4	1	2	30	10	< 4	3	< 3
172027	20	22000	170	0.4	4000	94800	< 50	3.8	11300000	130	43	26	70	22	1730	2.2	1	1	27	5	< 4	4	< 3
172028	< 10	22000	60	0.2	2000	47300	< 50	1.7	6800000	90	34	37	70	37	1010	2.5	1	2	23	10	< 4	5	< 3
172029	10	8000	30	0.2	6000	71500	< 50	2.8	14300000	10	13	12	50	25	1110	< 0.5	< 1	< 1	14	7	< 4	< 1	< 3
172030	10	14000	30	< 0.2	< 1000	44400	< 50	2.3	5640000	30	26	15	50	42	1060	1.6	< 1	< 1	20	7	< 4	3	< 3
172031	30	18000	50	0.3	2000	45500	< 50	3.0	5990000	30	40	20	110	31	1070	1.6	1	1	27	8	< 4	< 1	< 3
172032	40	22000	40	0.2	2000	40400	< 50	7.1	6560000	20	35	16	80	28	1170	2.1	< 1	< 1	29	9	< 4	3	< 3
172033	30	22000	50	0.2	< 1000	39200	< 50	3.4	5720000	30	40	18	90	48	770	2.6	2	1	27	17	< 4	2	< 3
172034	30	32000	80	< 0.2	< 1000	21900	< 50	3.2	8080000	60	43	11	100	18	1010	2.1	1	1	40	6	< 4	< 1	< 3
172035	70	43000	20	< 0.2	< 1000	21900	< 50	1.7	5550000	10	42	8	90	30	1050	2.0	< 1	< 1	22	6	< 4	< 1	< 3
172036	100	26000	50	0.3	1000	18800	< 50	2.3	3850000	< 10	29	10	190	24	1190	2.6	< 1	< 1	20	11	< 4	< 1	< 3
172037	90	39000	30	0.2	2000	28900	< 50	2.4	7920000	< 10	36	12	130	14	960	2.1	< 1	< 1	26	8	< 4	< 1	< 3
172038	90	33000	30	0.2	2000	17200	< 50	2.9	5510000	20	39	11	150	22	1330	2.8	2	< 1	25	9	< 4	< 1	< 3
172039	20	35000	60	< 0.2	2000	20600	< 50	1.7	6290000	20	43	9	180	20	1240	3.3	< 1	1	28	< 4	< 4	1	< 3
172040	20	38000	20	< 0.2	3000	10400	< 50	1.7	8930000	< 10	23	13	110	28	2310	1.4	< 1	< 1	16	7	< 4	1	< 3
172041	20	22000	30	< 0.2	< 1000	15400	< 50	2.2	4690000	< 10	28	13	90	17	1030	2.1	1	< 1	20	9	< 4	< 1	< 3
172042	20	29000	50	< 0.2	3000	58800	< 50	2.5	7030000	20	58	13	190	35	1480	3.8	1	2	36	7	< 4	1	< 3
172043	30	20000	80	< 0.2	4000	51900	< 50	2.6	15200000	20	30	16	140	17	1190	2.9	1	< 1	26	< 4	< 4	< 1	< 3

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172044	30	36000	90	0.6	11000	14500	< 50	9.5	5950000	20	34	14	160	38	1820	1.9	2	< 1	26	8	< 4	3	< 3
172045	30	20000	60	0.6	8000	58600	< 50	9.3	11600000	30	40	17	330	24	1150	2.0	1	1	26	< 4	< 4	< 1	< 3
172046	10	22000	60	0.6	6000	61300	< 50	9.6	16500000	60	57	41	170	29	1220	5.0	2	< 1	43	7	< 4	2	< 3
172047	10	29000	280	0.5	4000	50100	< 50	6.3	9560000	40	44	26	90	48	1350	3.1	2	1	40	< 4	< 4	< 1	< 3
172048	30	25000	80	0.6	7000	59900	< 50	10.8	8030000	60	53	28	110	22	1260	4.6	2	2	41	23	5	2	< 3
172049	40	12000	50	0.6	10000	65000	< 50	7.7	9110000	20	20	24	90	18	1160	0.8	< 1	< 1	16	< 4	< 4	< 1	< 3
172050	50	16000	70	0.6	10000	36900	< 50	9.8	10300000	20	37	20	120	15	1130	2.4	< 1	1	32	5	< 4	5	< 3
172051	10	37000	70	0.5	9000	61200	< 50	8.8	8030000	30	85	22	190	57	1330	4.0	4	1	53	14	8	< 1	< 3
172052	< 10	15000	50	0.5	7000	60100	< 50	6.8	9830000	30	36	17	80	19	1020	2.0	1	1	25	< 4	< 4	1	< 3
172053	20	34000	90	0.5	9000	74800	< 50	9.1	13100000	80	74	26	110	21	1380	4.0	3	1	51	< 4	8	5	< 3
172054	20	10000	50	0.5	6000	54900	< 50	7.4	9550000	10	16	12	80	14	1120	1.1	< 1	< 1	21	4	< 4	< 1	< 3
172055	10	13000	80	0.4	4000	63200	< 50	6.3	8290000	40	29	15	100	18	890	1.5	< 1	< 1	23	< 4	< 4	< 1	< 3
172056	< 10	19000	70	0.4	7000	63800	< 50	10.1	8810000	70	44	25	320	20	960	2.3	2	< 1	35	< 4	5	3	< 3
172057	< 10	15000	70	0.4	4000	55900	< 50	6.6	10600000	40	28	25	80	23	1030	2.0	< 1	< 1	27	10	4	< 1	< 3
172058	10	10000	70	0.5	14000	99100	< 50	7.2	8080000	10	21	12	100	17	890	1.2	< 1	< 1	19	< 4	< 4	< 1	< 3
172059	< 10	14000	60	0.4	7000	87500	< 50	8.5	9330000	30	35	30	90	21	1040	2.2	1	< 1	29	< 4	< 4	< 1	< 3
172060	20	11000	50	0.9	7000	75200	< 50	8.7	7960000	20	30	14	90	26	830	2.1	< 1	< 1	21	< 4	< 4	< 1	< 3
172061	30	17000	120	0.4	6000	42100	< 50	7.2	6430000	10	48	18	140	25	960	2.9	2	< 1	36	6	< 4	4	< 3
172062	40	14000	50	0.6	5000	65000	< 50	7.2	5950000	50	36	19	120	35	1060	1.4	< 1	< 1	29	< 4	< 4	2	< 3
172063	40	7000	950	0.5	3000	31900	< 50	5.5	3820000	< 10	12	9	100	12	780	1.4	< 1	< 1	13	< 4	< 4	< 1	< 3
172064	50	19000	50	0.5	4000	44800	< 50	6.4	7800000	20	36	24	80	20	1340	2.7	1	2	27	< 4	< 4	3	< 3
172065	20	20000	30	0.4	3000	22900	< 50	5.1	4880000	20	9	19	50	56	1310	1.2	< 1	< 1	13	< 4	< 4	< 1	< 3
172066	50	23000	80	0.5	10000	30400	< 50	10.3	9660000	10	26	13	130	21	1860	1.5	< 1	< 1	28	< 4	< 4	< 1	< 3
172067	40	22000	60	0.5	8000	25300	< 50	7.9	9250000	20	26	11	50	14	1290	0.8	2	< 1	22	7	< 4	< 1	< 3
172068	60	17000	50	0.4	8000	19400	< 50	8.0	6150000	10	18	13	90	12	1010	1.8	< 1	< 1	21	< 4	< 4	< 1	< 3
172069	40	24000	70	0.5	4000	17600	< 50	7.1	5110000	30	59	26	90	8	1520	3.7	1	1	30	< 4	< 4	3	< 3
172070	60	26000	70	0.4	7000	35100	< 50	9.1	8130000	40	33	19	80	13	1420	1.6	1	< 1	30	5	< 4	< 1	< 3
172071	40	22000	50	0.4	5000	22800	< 50	6.4	5720000	20	33	15	90	14	1220	2.0	< 1	< 1	26	< 4	< 4	3	< 3
172072	30	15000	50	0.5	4000	18600	< 50	4.8	8950000	30	15	10	70	11	1250	0.6	1	< 1	25	< 4	< 4	< 1	< 3
172073	50	20000	100	0.5	6000	23900	< 50	6.6	9110000	20	26	11	130	10	1160	1.2	1	< 1	26	< 4	< 4	< 1	< 3
172074	80	27000	60	0.5	7000	26200	< 50	6.4	7890000	40	16	14	110	14	1090	1.3	< 1	< 1	26	< 4	< 4	< 1	< 3
172075	100	32000	80	0.4	2000	47500	< 50	8.0	5240000	40	50	18	250	8	1350	2.5	< 1	< 1	28	< 4	< 4	< 1	< 3
172076	80	25000	60	0.5	< 1000	23500	< 50	6.8	4640000	40	43	19	160	11	1350	2.7	1	1	29	< 4	< 4	3	< 3
172077	60	35000	90	0.4	1000	36000	< 50	10.8	8170000	80	78	24	110	7	1420	5.5	2	2	48	20	6	6	< 3
172078	100	22000	60	0.5	3000	27500	< 50	7.7	8890000	40	37	17	110	11	1250	2.2	1	1	30	15	< 4	2	< 3
172079	80	51000	100	0.4	3000	34100	< 50	11.8	10500000	80	109	36	210	15	1680	6.5	3	1	63	28	9	5	< 3
172080	120	12000	50	0.4	< 1000	34900	< 50	6.1	5740000	30	18	13	100	6	990	1.1	< 1	< 1	16	< 4	< 4	< 1	< 3
172081	60	29000	80	0.2	4000	34600	< 50	6.4	8610000	30	20	23	90	18	1360	1.2	< 1	< 1	20	< 4	< 4	< 1	< 3
172082	110	18000	50	0.3	2000	36600	< 50	6.5	8220000	20	30	18	80	13	1010	0.8	< 1	< 1	27	12	< 4	< 1	< 3
172083	110	12000	40	0.4	3000	28900	< 50	6.3	9200000	10	41	13	70	24	1280	0.7	1	< 1	22	9	< 4	< 1	< 3
172084	80	32000	60	0.4	< 1000	23800	< 50	7.1	6110000	50	60	26	140	13	1560	3.7	2	< 1	46	9	5	10	< 3
172085	70	28000	50	0.4	2000	33400	< 50	8.2	6930000	30	50	16	100	11	1180	3.8	< 1	< 1	37	13	4	2	< 3
172086	30	17000	10	0.3	6000	10000	< 50	1.1	5730000	< 10	24	9	70	8	830	< 0.5	< 1	< 1	21	4	< 4	1	5
172087	50	14000	20	0.3	4000	16600	< 50	2.2	5320000	< 10	10	8	60	11	780	1.0	< 1	< 1	16	10	< 4	< 1	< 3
172088	70	24000	20	0.3	7000	16000	< 50	2.8	5580000	30	21	14	50	24	1200	1.0	< 1	< 1	18	11	< 4	3	< 3
172089	80	13000	50	0.3	6000	12000	< 50	2.0	3730000	< 10	16	8	40	22	930	1.6	< 1	< 1	14	10	< 4	< 1	< 3

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172090	130	29000	40	0.3	3000	22300	< 50	3.4	5600000	10	31	14	100	12	1020	1.4	< 1	< 1	21	6	< 4	< 1	< 3
172091	90	35000	40	0.3	6000	27300	< 50	3.8	11700000	40	33	15	80	20	1330	1.8	1	< 1	27	19	< 4	< 1	< 3
172092	70	27000	190	0.4	5000	21800	< 50	3.6	6060000	10	14	11	60	15	1390	1.1	< 1	< 1	20	8	< 4	< 1	< 3
172093	60	17000	10	0.6	4000	16000	< 50	3.1	5180000	10	11	8	50	9	990	0.9	< 1	< 1	17	< 4	< 4	< 1	< 3
172094	70	28000	30	0.3	6000	21700	< 50	5.9	7580000	20	24	15	80	18	920	0.5	1	< 1	21	8	< 4	< 1	< 3
172095	50	26000	30	0.4	4000	16200	< 50	5.0	7000000	20	43	16	80	12	1350	3.1	1	1	36	27	4	1	< 3
172096	50	24000	20	0.4	7000	19900	< 50	4.1	5950000	30	16	11	60	14	1120	1.0	< 1	< 1	17	13	< 4	< 1	< 3
172097	40	20000	20	0.2	5000	28000	< 50	3.7	4540000	40	39	21	50	17	1460	1.0	1	< 1	23	10	< 4	< 1	< 3
172098	50	31000	60	0.2	7000	31400	< 50	5.9	14000000	50	67	20	110	13	1270	5.1	3	2	43	24	7	< 1	< 3
172099	30	40000	70	0.4	9000	46200	< 50	7.2	11000000	10	42	15	80	13	1400	2.0	< 1	1	32	9	< 4	1	< 3
172100	30	33000	40	0.3	6000	39600	< 50	4.9	10200000	40	36	16	60	28	1180	3.3	< 1	< 1	32	< 4	< 4	3	< 3
172101	40	36000	40	0.3	12000	46400	< 50	4.4	12400000	20	19	10	40	30	1700	0.7	< 1	1	19	7	< 4	< 1	< 3
172102	30	29000	60	0.2	4000	14700	< 50	2.6	6140000	< 10	8	7	30	17	880	< 0.5	< 1	< 1	9	< 4	< 4	< 1	< 3
172103	40	41000	50	0.2	8000	34100	< 50	3.4	9660000	20	18	10	40	36	1460	0.6	< 1	< 1	21	10	< 4	< 1	< 3
172104	50	29000	40	0.2	5000	30300	< 50	8.3	6670000	20	12	7	20	33	1010	1.2	< 1	< 1	10	6	< 4	< 1	< 3
172105	30	66000	120	0.3	6000	28800	< 50	8.4	6750000	90	91	28	90	49	2360	6.5	3	2	48	15	8	8	< 3
172106	70	33000	120	0.4	4000	15500	< 50	5.2	5210000	30	22	90	80	29	1890	< 0.5	< 1	< 1	21	15	< 4	3	< 3
172107	20	45000	40	< 0.2	6000	15000	< 50	2.7	6780000	< 10	9	9	< 20	19	1580	< 0.5	< 1	< 1	11	5	< 4	< 1	< 3
172108	70	30000	60	0.4	6000	15900	< 50	4.6	6300000	< 10	11	8	60	9	830	0.9	< 1	< 1	25	11	< 4	< 1	< 3
172109	60	23000	60	0.5	3000	13400	< 50	5.0	5620000	30	25	14	730	10	1020	2.8	< 1	< 1	34	7	< 4	4	< 3
172110	80	19000	80	0.5	6000	18100	< 50	4.7	5770000	20	21	11	50	13	1020	0.9	< 1	< 1	18	13	< 4	< 1	< 3
172111	50	34000	50	0.4	7000	26300	< 50	5.7	7770000	30	28	12	40	13	1230	0.9	< 1	< 1	28	9	< 4	1	< 3
172112	30	48000	70	0.3	5000	20400	< 50	5.5	10300000	20	31	14	50	10	1310	2.3	< 1	< 1	24	< 4	< 4	< 1	< 3
172113	70	17000	50	0.3	2000	8020	< 50	4.5	2360000	< 10	11	8	50	13	630	< 0.5	< 1	< 1	12	9	< 4	< 1	< 3
172114	80	74000	70	0.4	7000	21000	< 50	4.7	9890000	20	21	15	60	25	1390	1.8	< 1	1	25	5	< 4	< 1	< 3
172115	80	74000	60	0.4	7000	20900	< 50	5.3	9590000	10	24	16	50	20	1340	< 0.5	< 1	< 1	24	10	< 4	< 1	< 3
172116	70	32000	60	0.4	5000	24300	< 50	4.5	4810000	10	25	12	80	10	1060	0.8	< 1	< 1	22	8	< 4	< 1	< 3
172117	30	36000	70	0.2	6000	31100	< 50	4.3	7730000	40	37	20	60	17	1070	2.5	1	1	27	7	< 4	2	< 3
172118	40	27000	50	0.2	4000	18200	< 50	5.2	4770000	30	21	12	30	12	1100	0.6	< 1	< 1	26	6	< 4	< 1	< 3
172119	50	24000	60	0.3	8000	32100	< 50	5.0	7970000	20	36	14	60	16	1170	1.9	1	< 1	27	11	< 4	1	< 3
172120	20	68000	130	0.3	5000	20100	< 50	3.1	9100000	10	20	14	60	20	1270	1.2	< 1	< 1	23	9	< 4	< 1	< 3
172121	40	14000	220	0.2	4000	49100	< 50	4.8	6100000	20	33	14	80	10	890	2.1	1	< 1	22	11	< 4	5	< 3
172122	20	26000	190	0.3	4000	61600	< 50	5.1	6690000	30	70	16	130	27	870	2.9	1	1	42	22	4	3	< 3
172123	40	34000	80	0.3	4000	56800	< 50	7.8	8470000	50	83	23	50	27	1570	5.1	3	1	48	13	7	8	< 3
172124	30	30000	70	0.3	5000	60900	< 50	7.8	8140000	40	82	24	80	40	1430	4.4	2	2	45	23	7	4	< 3
172125	20	11000	80	0.2	6000	69600	< 50	5.1	9490000	50	19	11	40	33	1170	1.7	1	1	27	22	< 4	2	< 3
172126	40	23000	100	0.3	4000	45400	< 50	5.9	7610000	20	29	12	70	58	1130	1.4	< 1	1	19	23	< 4	2	< 3
172127	30	32000	60	0.2	2000	15200	< 50	4.8	5220000	10	24	13	50	34	1090	1.3	< 1	< 1	19	12	< 4	< 1	< 3
172128	10	28000	40	0.5	9000	20600	< 50	1.9	8440000	20	24	8	50	25	1660	1.0	< 1	< 1	22	10	< 4	< 1	< 3
172129	40	13000	30	0.5	9000	36500	< 50	0.7	10200000	10	14	8	40	26	1430	< 0.5	< 1	< 1	12	< 4	< 4	1	< 3
172130	20	19000	30	0.5	8000	17900	< 50	1.1	8050000	10	10	13	40	20	1580	< 0.5	< 1	< 1	19	< 4	< 4	< 1	< 3
172131	20	20000	20	0.5	7000	15900	< 50	1.5	11900000	< 10	12	8	30	36	1210	0.9	< 1	< 1	18	< 4	< 4	1	< 3
172132	< 10	10000	20	0.6	4000	55400	< 50	1.6	8250000	30	21	21	30	23	1360	1.3	< 1	< 1	18	9	< 4	2	< 3
172133	< 10	25000	40	0.6	5000	78100	< 50	2.5	7070000	80	32	20	110	48	1470	1.3	< 1	< 1	29	8	< 4	< 1	< 3

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172134	10	14000	30	0.6	5000	61400	< 50	2.6	7340000	80	33	26	30	61	1460	1.1	< 1	< 1	20	6	< 4	3	< 3
172135	10	8000	30	0.7	8000	75400	< 50	3.9	13200000	80	61	19	40	39	1100	< 0.5	< 1	< 1	22	13	< 4	< 1	< 3
172136	30	18000	50	0.8	6000	60200	< 50	6.2	9120000	90	53	25	50	24	1430	2.2	1	< 1	32	9	< 4	< 1	< 3
172137	20	16000	40	0.7	5000	31200	< 50	4.2	7840000	20	52	12	30	23	1520	1.6	< 1	< 1	23	< 4	< 4	2	< 3
172138	40	12000	40	0.7	8000	72900	< 50	6.4	13200000	< 10	21	8	40	16	1230	1.4	< 1	1	26	18	< 4	< 1	< 3
172139	40	32000	90	0.6	10000	18300	< 50	4.7	5990000	< 10	23	13	70	17	1680	1.1	< 1	< 1	25	8	< 4	2	< 3
172140	90	29000	40	0.7	14000	37900	< 50	5.3	10200000	20	41	11	50	36	1340	1.1	< 1	< 1	18	4	< 4	< 1	< 3
172141	30	26000	60	0.6	10000	20200	< 50	3.4	8130000	< 10	17	10	40	29	1520	1.1	< 1	< 1	13	< 4	< 4	2	< 3
172142	40	40000	80	0.7	9000	78100	< 50	9.5	11200000	70	122	24	100	29	1320	7.0	3	2	66	22	9	9	< 3
172143	40	24000	40	0.7	7000	11500	< 50	4.3	7290000	20	50	12	50	15	1010	1.8	2	< 1	26	< 4	< 4	2	< 3
172144	90	29000	40	0.6	8000	29200	< 50	7.7	6760000	50	67	24	70	11	1230	4.9	3	1	45	10	6	5	< 3
172145	120	28000	60	0.6	12000	14800	< 50	6.9	5950000	10	32	18	50	10	1830	1.3	< 1	< 1	36	5	< 4	< 1	< 3
172146	110	29000	40	0.8	9000	23500	< 50	6.9	8170000	20	34	13	60	13	1400	2.0	1	< 1	31	< 4	< 4	< 1	< 3
172147	90	35000	40	0.7	9000	25200	< 50	5.5	8080000	10	37	11	60	17	1660	2.1	2	< 1	30	4	< 4	2	< 3
172148	70	44000	80	0.7	7000	43700	< 50	7.4	10000000	20	81	21	840	16	1490	3.2	1	1	43	11	< 4	4	< 3
172149	80	25000	40	0.7	8000	33000	< 50	5.7	8560000	30	55	15	140	18	1110	3.0	2	1	38	14	< 4	5	< 3
172150	60	24000	50	0.6	6000	31300	< 50	6.1	8050000	40	57	18	120	13	1040	2.5	1	< 1	35	< 4	< 4	3	< 3
172151	30	32000	80	0.6	5000	19300	< 50	2.5	9550000	20	68	20	690	18	1050	2.9	2	2	43	18	4	2	< 3
172152	50	34000	50	0.6	7000	34700	< 50	4.0	9490000	40	100	26	140	19	1760	4.6	2	2	54	9	5	10	< 3
172153	60	25000	50	0.6	6000	15800	< 50	3.0	6090000	20	23	12	50	19	1870	0.9	< 1	< 1	18	< 4	< 4	2	< 3
172154	100	27000	40	0.6	6000	14700	< 50	2.2	4340000	< 10	37	12	70	15	1160	< 0.5	< 1	< 1	16	< 4	< 4	< 1	< 3
172155	90	22000	50	0.6	7000	21500	< 50	4.5	4910000	< 10	27	7	80	18	1090	0.7	< 1	< 1	20	9	< 4	< 1	< 3
172156	90	18000	80	0.6	6000	38200	< 50	6.5	5130000	10	36	17	140	30	3080	1.9	< 1	< 1	28	6	< 4	< 1	< 3
172157	110	19000	40	0.6	5000	54700	< 50	5.2	4070000	20	48	18	120	10	1060	3.5	< 1	1	32	< 4	4	< 1	< 3
172158	90	13000	40	0.7	7000	26700	< 50	3.8	5190000	< 10	20	7	110	24	1030	1.6	< 1	< 1	22	11	< 4	< 1	< 3
172159	20	9000	30	0.6	6000	44100	< 50	2.4	4520000	10	42	8	80	36	1020	1.8	< 1	< 1	22	6	< 4	< 1	< 3
172160	30	19000	110	0.7	5000	51100	< 50	4.9	8460000	40	51	21	80	13	1270	3.0	2	1	36	7	< 4	2	< 3
172161	< 10	9000	20	0.5	6000	57700	< 50	2.1	7790000	< 10	29	11	60	16	360	1.3	< 1	< 1	30	10	< 4	2	< 3
172162	30	13000	50	0.6	6000	49600	< 50	4.0	8200000	30	30	10	70	14	880	1.4	< 1	1	28	12	< 4	2	< 3
172163	40	26000	40	0.6	6000	29800	< 50	3.7	7730000	30	42	14	80	11	1380	2.3	< 1	< 1	35	15	< 4	2	< 3
172164	50	47000	50	0.5	5000	20800	< 50	4.9	7770000	20	64	19	100	17	1330	2.2	1	< 1	44	16	5	9	< 3
172165	160	39000	40	0.5	5000	40900	< 50	2.8	7820000	20	33	12	120	11	1170	2.8	< 1	< 1	34	12	< 4	< 1	< 3
172166	190	51000	40	0.6	5000	31500	< 50	4.0	7140000	30	49	16	110	14	1470	3.4	1	< 1	34	8	5	2	< 3
172167	170	22000	60	0.6	5000	27400	< 50	5.5	5290000	50	35	21	90	12	1100	1.9	1	< 1	28	6	< 4	3	< 3
172168	260	31000	90	0.5	8000	44100	< 50	9.3	9030000	30	66	19	150	9	1610	1.7	< 1	< 1	37	19	4	< 1	< 3
172169	50	49000	80	< 0.2	4000	18800	< 50	7.9	7040000	30	103	28	150	16	1400	5.6	2	3	52	16	8	2	< 3
172170	170	11000	40	0.3	2000	21600	< 50	5.2	3390000	10	12	7	50	15	880	0.7	< 1	< 1	10	4	< 4	< 1	< 3
172171	180	50000	70	0.4	4000	33100	< 50	6.5	5660000	40	53	34	80	17	1740	2.1	< 1	< 1	25	12	< 4	2	< 3
172172	350	29000	40	0.4	4000	51200	< 50	5.7	4200000	70	38	23	70	8	1330	1.8	< 1	< 1	20	7	< 4	< 1	< 3
172173	240	21000	50	0.3	4000	27800	< 50	5.1	4590000	30	34	14	80	18	1570	1.7	< 1	< 1	25	15	< 4	2	< 3
172174	160	27000	60	0.3	4000	27100	< 50	5.2	8190000	30	34	13	60	13	1310	1.6	< 1	< 1	20	4	< 4	4	< 3
172175	170	22000	90	0.3	7000	34500	< 50	6.3	13100000	30	34	17	80	12	1390	1.9	< 1	< 1	30	5	< 4	1	< 3
172176	160	37000	120	0.2	4000	19200	< 50	5.2	6030000	40	60	21	80	16	1560	1.8	2	2	34	7	< 4	< 1	< 3
172177	160	18000	110	0.3	5000	32900	< 50	6.4	4160000	10	19	10	80	11	990	1.0	< 1	< 1	16	10	< 4	1	< 3
172178	190	19000	170	0.2	3000	34900	< 50	4.6	4480000	30	47	17	90	9	1480	2.7	1	< 1	26	< 4	< 4	2	< 3
172179	410	16000	190	0.3	4000	56500	< 50	6.0	5560000	20	35	15	80	13	1290	2.0	< 1	1	23	18	< 4	5	< 3

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172180	40	27000	210	< 0.2	11000	27200	< 50	3.5	6230000	40	27	13	70	15	1310	1.1	< 1	< 1	24	9	< 4	< 1	< 3
172181	150	15000	190	< 0.2	10000	15500	< 50	3.1	4270000	< 10	24	9	60	9	1090	< 0.5	< 1	< 1	16	4	< 4	< 1	< 3
172182	170	29000	200	< 0.2	10000	21800	< 50	4.9	4320000	40	39	11	90	17	1150	2.3	1	< 1	26	< 4	< 4	< 1	< 3
172183	140	28000	210	0.5	10000	22300	< 50	5.1	4020000	20	45	10	70	22	1440	2.1	1	< 1	32	10	< 4	< 1	< 3
172184	110	54000	250	< 0.2	11000	34200	< 50	7.6	6150000	100	62	32	100	29	2170	4.4	2	< 1	40	13	6	7	< 3
172185	150	30000	270	< 0.2	9000	39000	< 50	7.5	7060000	110	78	25	100	18	1660	4.3	1	1	47	11	5	8	< 3
172186	140	47000	290	< 0.2	9000	38300	< 50	6.0	6610000	40	34	18	50	25	2040	1.5	2	2	26	9	< 4	< 1	< 3
172187	100	30000	300	< 0.2	11000	35800	< 50	6.1	10100000	80	53	20	70	10	1740	2.5	2	1	37	12	4	< 1	< 3
172188	70	10000	300	< 0.2	11000	88000	< 50	5.8	11700000	50	37	18	50	10	930	1.9	< 1	1	20	< 4	< 4	2	< 3
172189	70	19000	320	< 0.2	9000	39300	< 50	5.8	6840000	40	62	17	70	10	1390	3.7	1	< 1	33	7	5	5	< 3
172190	80	21000	240	< 0.2	8000	32400	< 50	6.2	6390000	30	56	19	70	9	1100	2.4	< 1	1	30	10	< 4	< 1	< 3
172191	40	15000	140	0.2	8000	43100	< 50	3.9	8950000	30	45	14	80	11	830	4.1	< 1	1	27	9	< 4	4	< 3
172192	20	7000	120	< 0.2	5000	24300	< 50	2.9	6810000	30	18	6	40	8	770	< 0.5	< 1	< 1	12	< 4	< 4	2	< 3
172193	50	11000	100	0.3	7000	28700	< 50	4.6	6870000	40	37	11	60	8	790	2.0	< 1	1	22	5	< 4	2	< 3
172194	60	16000	100	< 0.2	8000	52700	< 50	5.0	9550000	50	56	26	100	9	820	3.4	1	< 1	34	< 4	4	3	< 3
172195	40	12000	80	< 0.2	8000	69000	< 50	3.4	13200000	70	34	16	60	8	970	2.1	< 1	< 1	20	7	< 4	2	< 3
172196	40	15000	110	< 0.2	8000	50300	< 50	3.5	12200000	60	38	14	60	10	1340	1.5	< 1	< 1	23	7	< 4	4	< 3
172197	50	17000	110	0.3	8000	43000	< 50	5.6	12000000	70	40	20	90	9	850	3.1	< 1	1	30	12	< 4	2	< 3
172198	50	17000	90	0.3	7000	48500	< 50	5.6	8320000	50	56	19	80	11	810	3.2	2	< 1	29	10	4	7	< 3
172199	70	7000	70	0.2	5000	41400	< 50	2.8	6540000	20	17	11	70	8	590	1.1	< 1	< 1	14	6	< 4	2	< 3
172200	70	9000	60	0.3	8000	55500	< 50	3.8	9660000	20	24	9	80	8	620	1.5	< 1	< 1	17	4	< 4	2	< 3
172201	10	11000	60	0.2	6000	69300	< 50	1.6	7830000	20	28	12	40	7	950	1.4	< 1	1	20	7	< 4	< 1	< 3
172202	10	11000	60	0.3	5000	33800	< 50	2.1	6550000	30	39	15	150	12	750	2.6	1	< 1	22	5	< 4	7	< 3
172203	20	15000	70	0.3	5000	29400	< 50	2.6	6350000	20	40	14	130	16	740	2.6	1	< 1	29	15	< 4	5	< 3
172204	20	16000	80	0.4	6000	45200	< 50	3.4	8920000	30	41	16	80	23	1020	2.1	1	1	50	15	< 4	5	< 3
172205	20	15000	60	0.3	6000	42800	< 50	3.0	9580000	30	36	14	80	13	1170	2.0	1	< 1	27	7	< 4	5	< 3
172206	40	21000	100	0.3	5000	34200	< 50	3.9	6810000	20	40	17	100	19	850	1.5	1	2	34	4	< 4	3	< 3
172207	40	9000	80	0.5	6000	39700	< 50	3.0	8550000	30	21	10	80	23	790	0.7	< 1	< 1	21	5	< 4	< 1	< 3
172208	40	12000	80	0.4	6000	48500	< 50	3.6	7700000	40	32	17	60	20	910	1.5	< 1	< 1	22	9	< 4	< 1	< 3
172209	60	11000	< 10	0.2	6000	49500	< 50	2.0	6940000	40	34	15	90	14	680	1.7	< 1	< 1	26	6	< 4	< 1	5
172210	50	9000	30	0.2	7000	43700	< 50	1.8	7200000	20	38	15	150	9	870	1.3	< 1	< 1	22	11	< 4	< 1	< 3
172211	40	12000	20	0.2	5000	54800	< 50	1.4	9560000	80	39	15	110	16	1090	2.5	1	< 1	28	9	< 4	< 1	< 3
172212	40	10000	< 10	0.2	6000	56600	< 50	1.7	8050000	30	30	12	90	18	960	2.4	1	1	22	< 4	< 4	1	< 3
172213	40	32000	30	< 0.2	7000	39000	< 50	5.4	8740000	70	107	25	120	21	1310	7.0	3	2	49	21	8	4	< 3
172214	50	21000	< 10	< 0.2	4000	30000	< 50	3.8	5670000	30	54	15	110	10	850	3.5	< 1	1	35	10	4	3	< 3
172215	60	14000	< 10	0.2	3000	30600	< 50	2.3	4000000	20	34	15	90	8	600	2.4	< 1	1	26	< 4	< 4	2	< 3
172216	100	11000	< 10	0.2	5000	39200	< 50	2.2	7820000	50	34	15	100	17	770	1.8	< 1	< 1	26	4	< 4	< 1	< 3
172217	70	9000	< 10	< 0.2	4000	33100	< 50	2.4	6090000	30	27	16	80	8	760	1.6	< 1	< 1	21	5	< 4	< 1	< 3
172218	50	8000	< 10	0.2	6000	47500	< 50	2.9	11100000	20	21	11	210	15	690	1.0	< 1	< 1	28	15	< 4	1	< 3
172219	20	6000	< 10	0.2	6000	27000	< 50	1.7	13200000	20	16	12	60	17	400	0.6	< 1	< 1	34	13	< 4	< 1	< 3
172220	20	24000	10	0.3	6000	17000	< 50	2.0	10800000	60	29	19	50	12	1380	1.7	< 1	< 1	23	7	< 4	1	< 3
172221	180	16000	< 10	0.2	5000	32100	< 50	1.8	8260000	< 10	14	11	50	14	950	0.8	< 1	< 1	13	8	< 4	3	< 3
172222	120	29000	10	0.3	4000	26300	< 50	3.6	7170000	20	40	14	90	27	1270	1.9	2	< 1	35	17	< 4	5	< 3
172223	100	18000	< 10	0.3	4000	23100	< 50	3.3	8040000	30	38	14	90	10	1110	2.1	1	< 1	33	< 4	< 4	4	< 3

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172224	110	17000	< 10	0.2	5000	16400	< 50	2.5	4750000	< 10	24	7	90	11	970	1.2	< 1	< 1	24	7	< 4	< 1	< 3
172225	90	21000	< 10	0.3	4000	15600	< 50	2.9	3900000	20	29	12	70	19	1320	1.9	< 1	< 1	21	< 4	< 4	< 1	< 3
172226	60	48000	< 10	0.3	5000	22200	< 50	4.6	6610000	40	58	20	90	17	1440	2.6	2	< 1	29	20	4	< 1	< 3
172227	80	37000	< 10	0.3	4000	33100	< 50	4.3	4990000	20	47	14	110	16	1330	2.1	2	1	29	9	< 4	< 1	< 3
172228	110	15000	< 10	0.3	3000	19000	< 50	3.6	4700000	20	27	13	70	7	1150	1.3	< 1	< 1	18	5	< 4	1	< 3
172229	140	19000	< 10	0.3	4000	18600	< 50	3.4	4170000	< 10	23	10	90	9	1090	1.7	< 1	< 1	18	11	< 4	< 1	< 3
172230	80	13000	< 10	0.4	4000	32400	< 50	3.0	4510000	30	29	13	80	10	1120	1.9	< 1	< 1	22	5	< 4	2	< 3
172231	50	27000	< 10	0.4	3000	40900	< 50	3.7	3910000	40	55	14	170	32	1030	3.4	< 1	1	37	8	< 4	2	< 3
172232	70	20000	< 10	0.3	7000	46100	< 50	2.7	10900000	20	13	9	80	15	1000	0.8	< 1	< 1	16	6	< 4	< 1	< 3
172233	80	20000	< 10	0.3	3000	29600	< 50	2.6	4810000	30	35	9	90	13	1160	0.8	1	< 1	21	12	< 4	< 1	< 3
172234	90	24000	< 10	0.3	3000	51200	< 50	3.9	8390000	30	44	14	100	12	1220	4.6	< 1	1	25	< 4	< 4	3	< 3
172235	120	19000	< 10	0.3	3000	16300	< 50	2.9	5380000	10	29	13	80	12	1060	2.7	< 1	< 1	21	6	< 4	2	< 3
172236	60	27000	< 10	0.3	4000	45500	< 50	4.3	4680000	50	34	12	80	27	1350	1.9	1	< 1	26	6	< 4	2	< 3
172237	110	16000	40	0.3	3000	39100	< 50	3.3	7070000	30	40	13	80	6	1240	2.6	2	< 1	28	4	< 4	2	< 3
172238	80	26000	90	0.4	4000	27900	< 50	5.2	5660000	20	45	18	90	10	1730	3.1	< 1	< 1	35	17	< 4	4	< 3
172239	100	24000	10	0.3	4000	14700	< 50	4.0	5420000	< 10	19	8	70	15	1360	1.1	< 1	< 1	23	9	< 4	3	< 3
172240	80	33000	< 10	0.4	4000	27900	< 50	4.1	6170000	40	41	11	70	15	1590	1.8	< 1	< 1	30	11	< 4	2	< 3
172241	120	33000	< 10	0.4	4000	32100	< 50	3.9	5500000	40	43	20	100	13	1410	3.1	< 1	< 1	32	13	< 4	2	< 3
172242	90	11000	< 10	0.3	5000	20100	< 50	3.6	6760000	10	26	10	110	9	820	1.5	< 1	< 1	24	10	< 4	< 1	< 3
172243	70	7000	< 10	0.4	1000	35800	< 50	3.1	4150000	< 10	17	9	80	7	610	1.0	< 1	< 1	19	12	< 4	1	< 3
172244	70	13000	10	0.3	5000	49400	< 50	4.1	7270000	20	42	12	90	8	820	2.6	2	< 1	29	15	< 4	< 1	< 3
172245	50	26000	70	0.3	8000	52500	< 50	5.3	6760000	10	80	24	260	34	1110	3.1	2	2	55	14	5	2	< 3
172246	100	11000	< 10	0.3	3000	23700	< 50	3.5	4570000	< 10	21	11	140	14	940	< 0.5	< 1	< 1	23	10	< 4	3	< 3
172247	90	31000	< 10	0.3	5000	29200	< 50	4.6	7230000	30	35	13	50	19	1550	2.2	< 1	< 1	39	< 4	< 4	6	< 3
172248	120	26000	< 10	0.4	5000	40300	< 50	4.3	8510000	20	30	15	70	20	1010	1.4	< 1	< 1	40	5	< 4	2	< 3
172249	110	13000	< 10	0.3	5000	18200	< 50	17.1	5720000	< 10	22	13	60	17	1760	1.2	< 1	< 1	36	4	< 4	3	< 3
172250	40	12000	< 10	0.3	3000	16800	< 50	2.3	4230000	< 10	25	13	30	8	990	0.8	< 1	< 1	26	6	< 4	< 1	< 3
172251	30	16000	< 10	0.3	4000	27500	< 50	3.1	7250000	20	51	11	70	33	1190	2.6	1	2	46	8	< 4	5	< 3
172252	30	7000	< 10	0.3	2000	22600	< 50	3.4	4870000	30	28	8	60	19	790	0.9	< 1	< 1	19	7	< 4	3	< 3
172253	40	21000	10	0.3	3000	25500	< 50	4.3	5220000	30	50	16	90	12	840	2.0	2	< 1	29	16	5	< 1	< 3
172254	40	9000	< 10	0.3	1000	15400	< 50	2.8	4000000	20	24	10	70	13	700	1.7	1	< 1	17	11	< 4	1	< 3
172255	180	13000	< 10	0.4	4000	48100	< 50	2.9	6140000	< 10	15	10	80	12	880	1.1	< 1	< 1	18	9	< 4	< 1	< 3
172256	150	33000	< 10	0.4	2000	24700	< 50	5.7	6650000	60	82	23	130	21	1190	5.1	2	1	41	14	7	< 1	< 3
172257	130	23000	20	0.4	5000	39800	< 50	4.6	8440000	50	39	22	130	11	1230	2.1	2	< 1	30	4	4	1	< 3
172258	160	37000	< 10	0.4	5000	40400	< 50	7.5	8450000	50	63	21	90	24	1220	4.2	2	2	43	14	7	2	< 3
172259	200	27000	< 10	0.4	4000	24300	< 50	3.3	8550000	20	31	12	110	10	1170	1.1	< 1	< 1	32	< 4	< 4	< 1	< 3
172260	90	17000	< 10	0.3	4000	26400	< 50	2.6	4910000	20	31	19	110	9	990	2.2	1	< 1	36	13	< 4	1	< 3
172261	140	20000	< 10	0.4	4000	32300	< 50	2.6	5790000	< 10	16	13	70	18	1280	1.1	< 1	< 1	20	13	< 4	< 1	< 3
172262	180	37000	10	0.4	3000	26500	< 50	5.2	5440000	30	91	26	150	26	1070	5.1	3	1	61	20	7	7	< 3
172263	230	14000	< 10	0.4	2000	20700	< 50	2.8	4190000	< 10	18	8	80	11	860	1.7	< 1	< 1	22	< 4	< 4	3	< 3
172264	200	23000	40	0.4	2000	17400	< 50	4.6	6380000	20	39	13	130	12	1090	1.7	< 1	1	36	12	4	5	< 3
172265	130	44000	20	0.4	3000	13800	< 50	5.4	9900000	20	52	16	130	18	1340	3.2	1	< 1	47	18	< 4	3	< 3
172266	150	26000	< 10	0.4	2000	25400	< 50	3.4	4710000	10	36	15	110	15	910	1.5	< 1	< 1	35	8	< 4	3	< 3
172267	170	27000	< 10	0.4	3000	23700	< 50	2.9	5250000	20	22	11	80	27	1030	1.2	< 1	< 1	20	9	< 4	< 1	< 3
172268	130	27000	< 10	0.4	2000	15300	< 50	3.0	4410000	< 10	26	9	90	20	1230	1.0	1	< 1	25	< 4	< 4	1	< 3
172269	140	20000	< 10	0.3	2000	24900	< 50	3.7	6320000	20	43	16	110	16	1070	2.3	2	1	30	7	< 4	2	< 3
172270	80	17000	< 10	0.5	3000	12200	< 50	1.9	5190000	20	12	10	70	24	1070	< 0.5	< 1	< 1	16	5	< 4	< 1	< 3
172271	130	27000	10	0.4	2000	22200	< 50	3.0	7300000	40	36	20	100	27	980	3.6	< 1	< 1	31	8	< 4	3	< 3
172272	130	15000	< 10	0.4	3000	20000	< 50	1.6	4340000	< 10	17	11	60	12	1230	0.5	< 1	< 1	23	8	< 4	< 1	< 3
172273	140	17000	< 10	0.4	4000	27500	< 50	3.5	6860000	20	33	13	90	30	1200	2.3	< 1	< 1	45	20	< 4	1	< 3

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172274	160	22000	< 10	0.4	4000	21100	< 50	3.3	9600000	40	44	20	80	15	1780	2.1	< 1	< 1	41	7	4	6	< 3
172275	160	11000	< 10	0.4	< 1000	16600	< 50	3.1	3840000	20	21	8	90	15	760	1.4	< 1	< 1	22	13	< 4	< 1	< 3
172276	130	29000	< 10	0.4	2000	23700	< 50	2.7	5410000	30	33	12	70	16	990	1.7	< 1	< 1	29	6	< 4	1	< 3
172277	160	24000	20	0.4	3000	24400	< 50	4.4	5990000	40	45	20	90	34	1240	2.0	1	< 1	27	< 4	4	1	< 3
172278	80	25000	10	0.4	4000	35100	< 50	4.3	8410000	30	52	22	70	19	1200	2.9	1	1	33	7	4	6	< 3
172279	130	12000	20	0.4	1000	23300	< 50	3.8	3820000	40	22	14	80	24	990	1.3	< 1	< 1	21	< 4	< 4	< 1	< 3
172280	90	17000	< 10	0.4	3000	32800	< 50	2.8	5130000	20	22	13	90	11	920	1.5	< 1	< 1	27	6	< 4	< 1	< 3
172281	170	18000	< 10	0.5	3000	35700	< 50	2.4	3810000	20	19	12	100	16	860	0.8	< 1	1	23	5	< 4	1	< 3
172282	110	50000	10	0.4	5000	51400	< 50	2.7	11200000	< 10	25	10	60	18	1030	1.2	< 1	< 1	32	9	< 4	6	< 3
172283	150	37000	< 10	0.4	3000	30100	< 50	3.4	11400000	20	33	13	70	25	1260	2.8	1	1	34	< 4	< 4	3	< 3
172284	180	20000	10	0.4	3000	23200	< 50	3.2	4710000	20	41	16	100	16	1580	1.4	< 1	< 1	29	10	< 4	1	< 3
172285	200	14000	< 10	0.4	2000	19400	< 50	2.4	5780000	< 10	15	8	80	19	1000	< 0.5	< 1	< 1	17	7	< 4	< 1	< 3
172286	160	29000	< 10	0.4	2000	16800	< 50	4.5	9310000	30	66	33	110	18	1130	5.1	2	< 1	35	14	5	4	< 3
172287	120	44000	10	0.5	3000	46400	< 50	3.7	10900000	20	45	13	110	22	1220	2.3	1	1	48	15	< 4	< 1	< 3
172288	150	24000	20	0.5	2000	22300	< 50	3.2	4670000	20	26	15	80	8	1310	1.9	< 1	< 1	23	4	< 4	1	< 3
172289	50	38000	40	0.4	12000	20900	< 50	5.1	4520000	50	83	22	80	17	2040	3.7	2	2	47	27	5	10	< 3
172290	50	29000	30	0.2	11000	34600	< 50	3.8	5480000	50	74	24	90	13	1470	4.8	1	1	43	16	5	7	< 3
172291	70	23000	10	< 0.2	8000	14700	< 50	0.9	4220000	10	12	10	70	41	1040	< 0.5	< 1	< 1	14	< 4	< 4	1	< 3
172292	140	16000	20	0.3	10000	26300	< 50	2.1	6910000	40	27	17	100	16	2440	2.6	< 1	< 1	25	12	< 4	< 1	< 3
172293	150	30000	20	0.2	9000	20900	< 50	2.3	4050000	20	21	10	60	15	1340	1.2	< 1	< 1	22	15	< 4	< 1	< 3
172294	180	46000	30	< 0.2	10000	31900	< 50	2.1	7770000	< 10	19	13	110	27	1350	1.1	< 1	< 1	25	9	< 4	3	< 3
172295	180	25000	20	0.3	8000	37900	< 50	1.9	4520000	30	21	12	110	14	1130	0.8	2	< 1	24	9	< 4	< 1	< 3
172296	170	28000	20	0.4	9000	20300	< 50	3.5	6370000	10	34	9	120	24	1250	2.0	< 1	< 1	28	7	< 4	1	< 3
172297	240	15000	30	0.3	9000	61000	< 50	2.2	4880000	40	37	13	120	14	1430	0.7	2	1	24	10	< 4	2	< 3
172298	150	13000	20	0.3	7000	25300	< 50	5.8	4810000	40	42	12	130	10	990	3.4	< 1	< 1	29	15	< 4	1	< 3
172299	110	24000	30	0.8	7000	31500	< 50	3.2	7750000	30	117	22	120	18	1570	2.8	< 1	2	42	< 4	< 4	4	< 3
172300	110	23000	20	< 0.2	6000	31000	< 50	3.2	4340000	< 10	32	12	80	12	1370	1.4	< 1	< 1	26	7	< 4	3	< 3
172301	110	13000	30	< 0.2	4000	35700	< 50	3.1	5070000	30	22	12	110	10	1810	0.8	< 1	< 1	40	7	< 4	< 1	< 3
172302	100	28000	40	< 0.2	4000	27000	< 50	2.8	4760000	20	48	16	100	13	1460	1.2	1	< 1	39	< 4	< 4	1	< 3
172303	60	33000	40	< 0.2	5000	79200	< 50	4.0	8500000	40	52	15	90	6	1360	2.0	1	1	44	8	5	3	< 3
172304	40	29000	40	< 0.2	4000	45800	< 50	4.0	4700000	100	60	18	90	21	1250	3.1	2	< 1	40	19	4	< 1	< 3
172305	130	16000	30	< 0.2	4000	33100	< 50	3.0	5290000	20	21	9	100	10	890	1.2	< 1	< 1	27	< 4	< 4	3	< 3
172306	90	30000	40	< 0.2	2000	22400	< 50	5.7	5420000	40	74	17	110	14	1220	2.2	2	1	35	22	6	< 1	< 3
172307	90	22000	30	0.3	3000	24600	< 50	3.2	4830000	10	27	12	70	27	1610	0.5	< 1	< 1	17	< 4	< 4	< 1	< 3
172308	80	39000	30	< 0.2	1000	26500	< 50	5.1	5460000	50	67	21	120	24	1490	2.8	2	2	39	9	6	3	< 3
172309	80	39000	40	< 0.2	3000	34900	< 50	4.8	8760000	30	82	26	180	28	1870	2.6	1	1	40	16	9	4	< 3
172310	80	27000	30	< 0.2	2000	27100	< 50	2.6	4520000	20	26	13	170	27	1560	1.5	< 1	< 1	27	< 4	< 4	2	< 3
172311	60	23000	30	< 0.2	4000	23500	< 50	2.5	4670000	10	18	10	110	25	1680	1.7	< 1	< 1	20	8	< 4	2	< 3
172312	90	29000	30	0.2	2000	21000	< 50	3.9	7070000	30	45	25	130	24	1460	2.1	1	< 1	41	< 4	< 4	1	< 3
172313	130	21000	100	< 0.2	1000	28000	< 50	3.3	4810000	20	36	18	150	14	1500	1.7	< 1	< 1	24	5	< 4	< 1	< 3
172314	180	17000	20	0.2	3000	40100	< 50	3.1	5140000	20	19	11	140	12	1080	1.4	< 1	< 1	23	14	< 4	< 1	< 3
172315	220	23000	20	< 0.2	< 1000	21900	< 50	2.6	4790000	20	20	10	110	8	1470	0.9	< 1	< 1	23	< 4	< 4	< 1	< 3
172316	200	21000	40	0.3	6000	14800	< 50	4.2	4290000	30	39	14	100	9	1670	1.9	< 1	< 1	33	< 4	< 4	2	< 3
172317	180	13000	20	0.4	4000	29100	< 50	9.9	2660000	20	22	7	70	8	770	0.7	< 1	< 1	20	12	< 4	< 1	< 3
172318	180	18000	20	0.3	7000	29900	< 50	3.6	4630000	40	31	16	90	12	1360	1.6	< 1	< 1	29	< 4	< 4	4	< 3
172319	120	40000	40	0.2	6000	58400	< 50	7.3	6500000	80	101	20	140	18	1790	6.4	2	2	63	27	9	10	< 3
172320	30	10000	20	< 0.2	8000	40000	< 50	3.3	14100000	30	18	11	80	16	1260	0.5	< 1	< 1	38	< 4	< 4	2	< 3

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172321	50	30000	30	0.3	7000	80700	< 50	5.0	9720000	70	57	14	120	24	1270	3.4	< 1	< 1	47	21	< 4	2	< 3
172322	20	21000	320	0.3	6000	58900	< 50	4.1	7340000	60	39	14	70	81	940	1.5	< 1	1	40	7	< 4	2	< 3
172323	20	9000	30	0.3	6000	56300	< 50	3.0	5130000	40	24	10	40	81	990	< 0.5	< 1	< 1	29	7	< 4	< 1	< 3
172324	20	23000	40	0.3	6000	46300	< 50	5.5	12700000	40	66	40	80	50	1530	2.4	< 1	1	40	17	< 4	< 1	< 3
172325	10	21000	30	0.3	6000	105000	< 50	4.6	12400000	90	37	28	90	71	1190	1.8	1	< 1	32	< 4	< 4	2	< 3
172326	10	6000	30	0.3	6000	85900	< 50	3.3	9820000	50	5	13	40	61	610	< 0.5	< 1	< 1	29	8	< 4	3	< 3
172327	20	19000	30	0.3	5000	73600	< 50	4.6	9590000	80	37	19	60	56	1310	1.8	1	1	31	6	5	4	< 3
172328	20	11000	20	0.3	7000	61300	< 50	4.3	9870000	40	24	15	70	77	1240	0.9	< 1	< 1	22	< 4	< 4	1	< 3
172329	10	8000	10	0.3	4000	44800	< 50	3.5	9330000	60	14	15	50	42	710	0.6	< 1	< 1	19	6	< 4	< 1	< 3
172330	< 10	7000	30	0.3	6000	53500	< 50	1.9	7200000	40	18	10	50	82	820	< 0.5	< 1	< 1	20	7	< 4	< 1	< 3
172331	10	9000	30	0.2	4000	56500	< 50	2.1	8760000	30	35	10	50	40	1010	1.3	1	< 1	28	7	< 4	< 1	< 3
172332	< 10	8000	30	0.3	5000	64800	< 50	2.2	9130000	60	29	20	50	58	880	< 0.5	< 1	< 1	21	< 4	< 4	< 1	< 3
172333	20	8000	20	0.3	3000	63400	< 50	1.8	5890000	30	23	11	70	20	1050	1.2	< 1	1	22	< 4	< 4	< 1	< 3
172334	70	27000	30	0.3	2000	34500	< 50	3.8	3660000	50	80	21	130	9	1660	3.0	2	2	40	6	5	3	< 3
172335	40	15000	20	0.2	5000	29600	< 50	1.9	3510000	30	27	10	90	33	1430	1.5	< 1	< 1	27	< 4	< 4	2	< 3
172336	90	18000	20	0.6	4000	24300	< 50	2.6	4870000	20	36	8	160	17	1190	1.0	< 1	< 1	25	17	< 4	1	< 3
172337	130	9000	10	0.4	4000	24600	< 50	1.7	4250000	10	18	9	120	11	1110	< 0.5	< 1	< 1	14	6	< 4	2	< 3
172338	180	19000	20	0.3	5000	19900	< 50	2.2	6910000	10	27	11	120	15	1040	1.6	< 1	< 1	23	6	< 4	< 1	< 3
172339	80	23000	20	0.3	4000	26700	< 50	2.3	9210000	50	31	11	160	47	1690	0.9	< 1	< 1	28	5	< 4	2	< 3
172340	80	22000	30	0.4	4000	44000	< 50	3.1	9560000	30	29	15	110	10	1220	0.7	< 1	< 1	25	15	< 4	< 1	< 3
172341	60	16000	10	0.2	3000	23200	< 50	1.9	4290000	30	18	8	100	11	1050	< 0.5	< 1	< 1	19	4	< 4	< 1	< 3
172342	110	27000	30	0.3	5000	24900	< 50	1.7	6780000	40	39	17	310	27	1500	1.1	< 1	< 1	50	7	< 4	3	< 3
172343	70	14000	30	0.3	3000	23200	< 50	2.1	3530000	30	32	33	180	42	930	1.2	< 1	1	27	16	< 4	1	< 3
172344	70	41000	80	0.3	4000	31800	< 50	4.9	6130000	40	96	18	190	16	2140	6.4	2	2	45	12	8	< 1	< 3
172345	120	37000	30	0.3	4000	74800	< 50	3.9	8440000	40	80	23	160	16	1390	4.2	1	2	31	< 4	< 4	3	< 3
172346	140	31000	20	0.4	5000	31600	< 50	4.0	9760000	40	70	20	150	17	1970	2.1	1	1	37	15	6	5	< 3
172347	140	25000	40	0.4	4000	36500	< 50	2.1	5780000	10	22	12	90	19	1360	< 0.5	< 1	< 1	23	6	< 4	2	< 3
172348	160	16000	20	0.4	4000	21800	< 50	1.7	6000000	10	16	11	90	11	1080	< 0.5	< 1	< 1	50	< 4	< 4	2	< 3
172349	110	33000	20	0.2	2000	30800	< 50	2.5	5770000	20	36	15	100	40	920	1.6	1	< 1	37	14	< 4	< 1	< 3
172350	100	20000	20	0.4	3000	28800	< 50	2.7	4250000	< 10	20	12	80	44	1110	0.6	< 1	< 1	21	6	< 4	< 1	< 3
172351	80	24000	40	0.3	4000	35700	< 50	0.9	4250000	< 10	19	11	60	34	890	0.8	< 1	< 1	16	< 4	< 4	< 1	< 3
172352	60	29000	30	0.2	4000	30700	< 50	3.9	6860000	50	74	21	100	25	1230	4.2	2	2	39	15	6	1	< 3
172353	140	21000	40	0.3	3000	37300	< 50	2.2	6300000	10	43	16	70	36	1270	1.8	< 1	< 1	30	6	< 4	< 1	< 3
172354	120	40000	30	0.3	4000	37300	< 50	3.9	10200000	30	70	14	90	34	1200	3.1	1	1	39	10	6	1	< 3
172355	170	25000	40	0.4	2000	25200	< 50	4.0	5780000	50	75	20	130	27	1280	5.0	2	2	37	15	6	< 1	< 3
172356	130	27000	20	0.4	2000	25900	< 50	2.8	4330000	20	45	11	110	16	1210	2.2	1	< 1	30	8	< 4	< 1	< 3
172357	160	41000	30	0.4	2000	30600	< 50	3.1	6950000	40	65	24	90	32	1460	3.8	2	< 1	31	8	5	< 1	< 3
172358	70	33000	30	0.3	2000	43600	< 50	2.8	9600000	110	39	12	90	39	1530	1.2	< 1	< 1	28	13	< 4	< 1	< 3
172359	120	38000	40	0.4	3000	29900	< 50	4.7	5880000	30	67	18	110	36	1080	3.5	2	< 1	39	< 4	5	< 1	< 3
172360	50	33000	30	0.4	4000	52500	< 50	3.7	3740000	110	48	15	110	43	1360	1.6	< 1	< 1	32	< 4	< 4	< 1	< 3
172361	90	26000	30	0.4	3000	55500	< 50	2.8	6740000	30	58	15	110	16	1360	1.3	< 1	1	27	11	< 4	2	< 3
172362	50	39000	30	< 0.2	3000	41500	< 50	2.8	8220000	50	73	17	120	22	1740	2.7	1	1	46	18	< 4	< 1	< 3
172363	60	18000	20	0.4	1000	55300	< 50	1.9	4520000	110	29	13	120	25	1010	1.0	1	< 1	22	15	< 4	2	< 3
172364	180	27000	20	0.2	2000	27700	< 50	2.1	4450000	20	40	12	110	9	1690	2.9	1	< 1	26	14	< 4	1	< 3
172365	110	28000	40	0.3	4000	38900	< 50	2.8	6240000	20	69	15	200	14	1320	1.8	3	1	39	11	< 4	4	< 3
172366	110	24000	30	0.3	2000	34000	< 50	2.7	9320000	10	49	15	110	16	960	1.7	< 1	< 1	38	7	5	5	< 3
172367	150	20000	50	0.3	3000	20700	< 50	1.8	6070000	20	35	11	110	12	930	1.8	< 1	< 1	28	7	< 4	< 1	< 3
172368	100	26000	20	0.2	3000	23000	< 50	2.1	7920000	< 10	30	13	80	13	1090	0.9	< 1	< 1	24	9	< 4	< 1	< 3

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172369	70	19000	30	0.2	6000	46100	< 50	2.5	10300000	20	40	14	90	41	1230	1.1	< 1	< 1	34	7	< 4	< 1	< 3
172370	10	14000	30	< 0.2	5000	18700	< 50	0.8	4840000	20	13	10	100	13	880	0.6	< 1	< 1	23	10	< 4	< 1	9
172371	20	27000	40	< 0.2	4000	27100	< 50	1.9	7520000	40	47	14	70	10	970	0.9	2	< 1	31	< 4	< 4	5	< 3
172372	80	38000	60	< 0.2	3000	18400	< 50	2.0	3810000	20	44	15	100	20	1090	3.3	1	< 1	26	7	< 4	1	< 3
172373	120	24000	90	< 0.2	4000	16300	< 50	3.2	4910000	20	38	14	110	23	1020	1.3	< 1	1	27	11	< 4	< 1	< 3
172374	80	14000	20	0.2	3000	24300	< 50	1.1	4430000	20	32	10	80	12	810	1.2	< 1	< 1	18	6	< 4	< 1	< 3
172375	100	23000	20	0.2	5000	33300	< 50	1.5	5800000	30	28	12	100	26	1150	1.3	< 1	< 1	25	9	< 4	3	< 3
172376	90	45000	30	0.3	6000	14700	< 50	1.8	5930000	30	51	17	100	18	970	3.0	1	1	29	13	5	3	< 3
172377	70	36000	40	0.3	5000	27600	< 50	2.1	4640000	40	52	12	80	12	1440	2.6	1	2	31	6	< 4	6	< 3
172378	70	33000	50	0.3	4000	14800	< 50	2.5	7030000	30	39	12	60	12	1170	2.9	2	< 1	24	9	< 4	< 1	< 3
172379	100	47000	60	0.3	4000	33600	< 50	3.1	7400000	30	47	12	80	18	1060	1.5	1	< 1	31	15	< 4	1	< 3
172380	110	37000	70	0.3	3000	59900	< 50	5.6	10000000	50	93	27	110	21	1180	5.9	3	1	47	25	6	7	< 3
172381	30	45000	40	0.2	5000	37500	< 50	3.0	8300000	60	80	24	130	21	1220	4.6	2	2	39	10	6	2	< 3
172382	30	30000	40	0.3	3000	24900	< 50	3.2	6300000	30	46	40	110	18	1040	2.7	2	< 1	34	8	< 4	2	< 3
172383	50	39000	30	0.3	3000	25400	< 50	3.0	6360000	20	56	14	90	13	1230	2.6	1	< 1	31	11	5	1	< 3
172384	70	33000	20	0.3	4000	42500	< 50	2.1	6470000	30	30	13	70	11	1010	1.8	< 1	< 1	26	< 4	< 4	2	< 3
172385	190	33000	30	0.3	3000	32800	< 50	3.0	6150000	40	46	18	80	9	950	2.1	2	1	27	13	< 4	< 1	< 3
172386	90	37000	30	0.4	5000	34200	< 50	2.0	5460000	50	64	10	90	64	1210	1.5	< 1	1	24	6	4	3	< 3
172387	150	20000	50	0.4	4000	43700	< 50	1.7	7100000	20	23	11	70	33	1190	1.8	< 1	< 1	19	< 4	< 4	1	< 3
172388	180	22000	30	0.3	2000	28500	< 50	1.8	3310000	20	82	14	110	22	1250	2.9	< 1	< 1	24	5	5	1	< 3
172389	140	31000	30	0.4	3000	32500	< 50	2.8	7880000	40	99	16	120	9	1220	2.1	1	1	31	13	< 4	1	< 3
172390	130	17000	30	0.8	3000	36500	< 50	2.9	3800000	20	84	14	120	11	1000	1.9	< 1	< 1	22	6	< 4	< 1	< 3
172391	70	27000	30	0.2	4000	33100	< 50	1.8	5820000	10	44	13	110	17	1240	1.7	1	< 1	22	5	< 4	< 1	< 3
172392	100	29000	50	0.3	3000	24400	< 50	3.4	6370000	40	60	16	120	10	1130	1.4	2	< 1	36	9	4	2	< 3
172393	130	16000	60	0.4	4000	20300	< 50	2.3	5740000	30	52	14	70	13	1040	1.8	< 1	1	28	22	4	< 1	< 3
172394	120	19000	80	0.4	3000	36300	< 50	2.4	4370000	30	37	16	110	17	990	2.2	< 1	< 1	30	12	< 4	2	< 3
172395	100	21000	30	0.3	3000	10900	< 50	1.1	3750000	< 10	21	9	90	18	950	1.0	< 1	< 1	23	8	< 4	1	< 3
172396	140	13000	20	0.3	2000	19800	< 50	0.9	3720000	20	12	6	70	9	870	< 0.5	< 1	< 1	14	< 4	< 4	< 1	< 3
172397	100	21000	30	0.4	3000	10600	< 50	1.3	4070000	30	29	13	100	14	1200	1.8	< 1	< 1	21	7	< 4	2	< 3
172398	130	27000	40	0.4	3000	30700	< 50	3.5	5220000	40	56	20	140	19	1280	4.3	< 1	1	34	12	< 4	4	< 3
172399	180	38000	40	0.5	3000	24000	< 50	3.0	4690000	30	71	15	140	27	1020	3.2	1	1	29	12	4	1	< 3
172400	180	16000	30	0.4	3000	30400	< 50	1.7	3660000	20	23	7	80	15	950	0.6	< 1	< 1	17	12	< 4	2	< 3
172401	50	29000	60	0.4	2000	12900	< 50	3.2	3860000	30	58	18	100	20	990	2.4	1	2	32	12	< 4	4	< 3
172402	110	13000	50	0.4	3000	15900	< 50	1.4	3610000	< 10	15	4	70	19	920	0.9	< 1	< 1	16	8	< 4	< 1	< 3
172403	120	32000	30	0.4	2000	28300	< 50	3.5	5880000	30	116	14	110	22	1000	2.7	< 1	< 1	31	21	4	4	< 3
172404	170	29000	30	0.5	3000	26500	< 50	2.6	6340000	30	68	14	160	24	1100	1.6	1	1	32	12	< 4	1	< 3
172405	140	23000	30	0.5	4000	23600	< 50	2.0	6820000	20	45	9	140	19	1020	1.9	< 1	< 1	23	7	< 4	3	< 3
172406	140	22000	30	0.5	5000	24300	< 50	2.1	5950000	20	27	10	120	15	1170	1.1	< 1	< 1	23	6	< 4	2	< 3
172407	100	16000	50	0.5	4000	22000	< 50	1.9	6510000	10	14	6	70	20	910	0.6	< 1	< 1	14	4	< 4	3	< 3
172408	110	16000	60	0.4	2000	23200	< 50	1.5	3950000	20	32	8	60	25	900	0.9	< 1	< 1	23	12	< 4	2	< 3
172409	150	23000	90	0.5	3000	44700	< 50	3.1	5140000	10	52	17	80	15	1240	2.2	1	< 1	26	7	< 4	5	< 3
172410	140	15000	10	0.4	3000	31100	< 50	1.7	4600000	< 10	22	7	70	16	760	< 0.5	< 1	< 1	18	4	< 4	3	< 3
172411	50	36000	90	0.4	5000	23100	< 50	2.1	6630000	10	31	23	100	20	1020	1.4	1	< 1	25	9	< 4	< 1	< 3
172412	50	22000	40	0.3	3000	17500	< 50	1.7	7800000	20	30	12	60	36	980	1.2	< 1	< 1	22	6	< 4	< 1	< 3
172413	80	23000	40	0.4	3000	14800	< 50	1.5	6090000	10	31	12	100	28	980	0.9	< 1	< 1	24	5	< 4	3	< 3
172414	80	20000	60	0.4	3000	35100	< 50	1.5	7670000	10	30	18	90	23	1430	1.6	< 1	1	20	10	< 4	1	< 3
172415	130	17000	390	0.5	3000	10700	< 50	1.7	5300000	< 10	25	64	80	42	940	< 0.5	< 1	< 1	16	6	< 4	< 1	< 3
172416	150	22000	90	0.5	4000	30400	< 50	3.3	6910000	20	48	25	110	26	1000	2.3	< 1	< 1	34	13	< 4	3	< 3
172417	140	30000	30	0.5	3000	28900	< 50	543	6440000	20	53	14	90	15	1270	1.0	1	< 1	29	9	5	5	< 3

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172418	100	21000	70	0.5	4000	38500	< 50	2.8	7330000	20	24	16	70	17	880	1.4	< 1	1	23	10	< 4	2	< 3
172419	90	23000	130	0.4	4000	29600	< 50	4.5	8470000	< 10	28	17	60	20	1170	1.5	< 1	< 1	15	9	< 4	< 1	< 3
172420	180	41000	100	0.4	4000	19100	< 50	18.5	6290000	40	35	20	70	11	1580	1.9	< 1	< 1	22	9	< 4	4	< 3
172421	20	44000	50	0.4	7000	61900	< 50	3.7	8470000	60	98	26	180	26	1870	4.3	1	1	57	13	8	2	< 3
172422	40	48000	100	0.5	4000	34900	< 50	4.5	7700000	40	74	25	120	17	1520	4.1	2	1	38	13	5	6	< 3
172423	20	32000	50	0.4	7000	41800	< 50	3.2	7060000	100	31	14	80	55	2360	1.9	< 1	< 1	25	9	< 4	< 1	< 3
172424	70	20000	20	0.5	4000	17200	< 50	3.4	6630000	30	19	19	60	29	1230	0.9	< 1	< 1	17	11	< 4	< 1	< 3
172425	100	28000	60	0.6	4000	22200	< 50	4.8	4540000	20	27	16	90	15	1640	1.4	< 1	< 1	24	15	< 4	1	< 3
172426	90	36000	40	0.4	3000	26400	< 50	8.3	6870000	40	62	23	70	17	1510	4.1	< 1	1	31	< 4	4	1	< 3
172427	150	41000	50	0.5	3000	28100	< 50	16.1	4680000	40	36	18	100	14	1200	1.6	1	1	29	22	< 4	4	< 3
172428	120	54000	90	0.4	4000	65500	< 50	26.3	6790000	100	61	20	200	34	1520	3.1	< 1	1	40	14	< 4	3	< 3
172429	190	45000	40	< 0.2	4000	32900	< 50	8.0	7230000	50	29	13	160	23	1550	1.0	1	< 1	21	14	< 4	2	< 3
172430	230	28000	50	< 0.2	3000	20400	< 50	5.0	4100000	20	23	14	130	21	1320	0.6	< 1	< 1	21	5	< 4	< 1	< 3
172431	110	42000	40	< 0.2	4000	38900	< 50	2.8	7180000	50	34	18	150	12	1650	2.8	< 1	< 1	27	18	< 4	1	< 3
172432	90	41000	40	< 0.2	5000	39200	< 50	3.0	6790000	10	23	12	90	24	2300	1.6	1	< 1	23	15	< 4	< 1	< 3
172433	230	41000	230	< 0.2	4000	43000	< 50	5.9	7030000	50	54	42	150	20	1540	3.2	2	< 1	32	21	< 4	< 1	< 3
172434	190	30000	380	< 0.2	4000	20500	< 50	5.4	5540000	20	75	18	80	35	1720	2.5	1	< 1	27	< 4	< 4	1	< 3
172435	150	40000	70	< 0.2	4000	30900	< 50	9.5	5290000	50	81	24	150	20	1470	4.0	3	2	40	10	5	5	< 3
172436	130	29000	60	0.3	3000	19300	< 50	11.1	6130000	30	30	18	140	13	1300	1.9	< 1	< 1	25	17	< 4	1	< 3
172437	150	22000	30	0.4	2000	12500	< 50	3.6	4890000	20	21	12	90	7	790	2.0	1	< 1	16	10	< 4	< 1	< 3
172438	130	20000	20	0.3	2000	24000	< 50	4.8	5060000	20	25	10	90	10	910	1.8	< 1	< 1	20	< 4	< 4	< 1	< 3
172439	170	33000	40	0.4	5000	28600	< 50	4.3	7180000	30	39	24	80	24	1470	1.4	1	< 1	24	13	< 4	6	< 3
172440	160	24000	30	0.5	4000	11200	< 50	3.9	5880000	40	30	25	100	25	960	1.1	1	1	17	12	< 4	< 1	< 3
172441	40	31000	40	0.2	6000	34200	< 50	5.0	7140000	10	13	12	60	30	1510	1.2	< 1	< 1	16	< 4	< 4	2	< 3
172442	100	25000	40	0.4	3000	34400	< 50	6.8	4790000	30	48	26	230	9	1210	2.3	< 1	< 1	34	24	< 4	2	< 3
172443	160	38000	50	0.5	2000	26400	< 50	4.7	4490000	40	57	17	190	17	1030	2.6	2	1	30	5	5	3	< 3
172444	190	18000	30	0.4	3000	36700	< 50	2.2	4520000	20	12	9	100	13	920	1.1	< 1	< 1	13	5	< 4	< 1	< 3
172445	160	28000	40	0.4	3000	53200	< 50	5.1	5810000	70	59	30	140	7	1200	3.4	1	1	30	28	5	5	< 3
172446	140	27000	30	0.4	4000	43200	< 50	2.6	6630000	110	42	27	140	21	1200	1.6	1	< 1	26	9	< 4	2	< 3
172447	140	65000	50	0.4	4000	26200	< 50	5.9	9420000	60	76	22	110	13	1550	3.1	3	1	44	14	7	4	< 3
172448	120	36000	20	0.5	3000	24200	< 50	4.5	5990000	20	37	13	80	33	1020	1.8	< 1	< 1	22	9	< 4	< 1	< 3

Results

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172001	50	7.9	< 0.2	575000	363	190	2.6	289000	168000	30	15000	15	334	290	168000	2200	0.4	94	< 0.2	1120	< 0.2	45	40
172002	40	5.5	< 0.2	799000	238	130	1.8	292000	155000	30	11000	10	216	220	179000	1190	0.3	60	< 0.2	1340	< 0.2	45	40
172003	80	4.1	< 0.2	563000	189	100	2.5	224000	182000	30	12000	10	167	250	137000	1500	0.3	43	< 0.2	1020	< 0.2	50	50
172004	20	2.5	< 0.2	543000	140	60	0.8	300000	156000	20	8000	6	138	120	110000	794	0.2	38	< 0.2	950	< 0.2	40	30
172005	10	2.9	< 0.2	665000	126	70	< 0.4	302000	199000	10	8000	8	104	140	98000	683	0.5	32	< 0.2	1020	< 0.2	36	160
172006	60	1.2	< 0.2	628000	103	40	0.5	356000	231000	20	10000	5	53	210	156000	1460	0.2	14	< 0.2	1000	< 0.2	48	80
172007	30	0.9	< 0.2	575000	40	20	< 0.4	306000	159000	20	8000	5	34	150	124000	839	< 0.1	9	< 0.2	930	< 0.2	33	10
172008	20	1.4	< 0.2	589000	69	40	0.5	373000	136000	30	6000	3	50	200	107000	538	0.2	15	< 0.2	1120	< 0.2	31	< 10
172009	20	1.1	< 0.2	643000	34	30	0.5	252000	169000	30	9000	3	32	160	113000	361	0.1	9	< 0.2	1020	< 0.2	17	10
172010	50	1.5	0.3	703000	51	30	< 0.4	248000	196000	20	12000	5	48	200	169000	1130	0.1	13	< 0.2	1220	< 0.2	14	30
172011	20	1.2	< 0.2	1130000	62	40	0.6	499000	320000	20	11000	5	62	150	193000	756	0.7	16	< 0.2	2030	< 0.2	20	110
172012	40	0.6	< 0.2	799000	24	20	< 0.4	300000	302000	< 10	11000	4	22	100	132000	476	0.2	6	< 0.2	1350	< 0.2	25	30
172013	20	0.9	< 0.2	804000	31	20	< 0.4	269000	202000	20	10000	5	36	160	117000	350	< 0.1	8	< 0.2	1150	< 0.2	29	20
172014	20	0.5	< 0.2	1120000	29	40	< 0.4	429000	268000	10	9000	3	24	120	192000	328	0.6	6	< 0.2	2000	< 0.2	17	70
172015	40	0.7	< 0.2	597000	35	20	< 0.4	173000	215000	< 10	9000	4	28	120	140000	920	0.2	7	< 0.2	940	< 0.2	24	40
172016	20	< 0.4	< 0.2	990000	22	10	< 0.4	373000	179000	< 10	6000	2	15	100	194000	311	0.4	4	< 0.2	1530	< 0.2	30	20
172017	20	0.4	< 0.2	808000	23	10	< 0.4	215000	146000	10	9000	4	21	100	160000	483	< 0.1	6	< 0.2	1030	< 0.2	32	30
172018	70	1.0	< 0.2	738000	36	20	< 0.4	255000	160000	10	16000	3	35	160	166000	641	0.3	10	< 0.2	1250	< 0.2	23	30
172019	30	< 0.4	< 0.2	793000	16	10	< 0.4	470000	184000	10	8000	3	13	120	150000	404	0.1	4	< 0.2	1220	< 0.2	9	20
172020	50	0.7	< 0.2	595000	31	20	< 0.4	214000	134000	10	8000	5	26	130	141000	641	< 0.1	8	< 0.2	1210	< 0.2	26	20
172021	80	1.1	< 0.2	223000	42	20	< 0.4	291000	195000	20	23000	4	38	180	133000	829	0.2	10	< 0.2	590	< 0.2	21	60
172022	50	0.9	< 0.2	670000	30	30	< 0.4	218000	287000	30	13000	3	25	180	133000	654	0.2	6	< 0.2	1600	< 0.2	28	40
172023	20	0.5	< 0.2	958000	20	10	< 0.4	410000	534000	< 10	9000	2	15	110	175000	226	0.1	4	< 0.2	1600	< 0.2	17	< 10
172024	30	< 0.4	< 0.2	658000	17	20	< 0.4	293000	276000	10	12000	3	16	90	122000	347	0.3	4	< 0.2	1180	< 0.2	23	20
172025	50	0.9	< 0.2	715000	52	30	0.9	236000	225000	20	12000	4	35	170	128000	950	0.1	13	< 0.2	1170	< 0.2	26	50
172026	40	0.5	< 0.2	695000	24	20	< 0.4	408000	579000	< 10	7000	< 2	20	100	145000	510	0.7	5	< 0.2	1160	< 0.2	25	190
172027	40	0.6	< 0.2	901000	25	20	< 0.4	429000	540000	10	9000	2	21	80	189000	562	0.6	5	< 0.2	1650	< 0.2	29	270
172028	40	< 0.4	< 0.2	867000	19	20	< 0.4	377000	320000	< 10	9000	< 2	18	40	156000	292	0.4	5	< 0.2	1950	< 0.2	12	150
172029	30	< 0.4	< 0.2	1120000	7	10	< 0.4	294000	288000	< 10	7000	3	< 5	20	152000	271	< 0.1	< 2	< 0.2	2560	< 0.2	16	30
172030	40	< 0.4	< 0.2	1490000	13	< 10	< 0.4	406000	198000	< 10	6000	< 2	14	40	52000	324	0.2	4	< 0.2	3560	< 0.2	12	10
172031	40	0.7	< 0.2	891000	22	30	< 0.4	273000	171000	< 10	11000	3	20	190	141000	495	0.2	5	< 0.2	2270	< 0.2	26	30
172032	40	0.8	< 0.2	726000	23	90	< 0.4	261000	167000	< 10	7000	3	17	90	116000	491	0.2	4	< 0.2	1570	< 0.2	20	20
172033	30	0.5	< 0.2	641000	18	10	< 0.4	345000	224000	10	6000	2	21	70	128000	554	0.2	4	< 0.2	1110	< 0.2	18	60
172034	50	0.5	< 0.2	705000	21	< 10	< 0.4	257000	244000	< 10	6000	< 2	19	110	124000	589	< 0.1	5	< 0.2	940	< 0.2	11	20
172035	20	< 0.4	< 0.2	765000	34	< 10	< 0.4	288000	346000	< 10	5000	< 2	9	80	99000	232	< 0.1	4	< 0.2	1230	< 0.2	12	< 10
172036	10	< 0.4	< 0.2	980000	15	10	< 0.4	328000	229000	< 10	6000	2	17	80	151000	263	< 0.1	4	< 0.2	1650	< 0.2	11	< 10
172037	30	0.5	0.5	692000	23	< 10	< 0.4	336000	274000	10	9000	3	16	60	119000	323	< 0.1	3	< 0.2	890	< 0.2	7	20
172038	40	0.4	< 0.2	878000	21	10	< 0.4	371000	311000	10	7000	4	22	100	162000	368	0.1	5	< 0.2	1300	< 0.2	17	< 10
172039	30	0.4	< 0.2	783000	22	20	< 0.4	259000	323000	10	8000	2	22	130	147000	266	< 0.1	5	< 0.2	1130	< 0.2	12	< 10
172040	20	< 0.4	< 0.2	579000	10	< 10	< 0.4	349000	188000	< 10	5000	2	8	210	134000	212	< 0.1	3	< 0.2	1040	< 0.2	12	< 10
172041	40	< 0.4	< 0.2	354000	14	< 10	< 0.4	170000	85100	< 10	6000	3	10	80	84000	246	< 0.1	4	< 0.2	690	< 0.2	18	< 10
172042	30	0.7	< 0.2	1340000	33	20	< 0.4	487000	313000	10	7000	4	27	110	181000	360	0.5	7	< 0.2	2210	< 0.2	26	80
172043	40	< 0.4	< 0.2	873000	14	10	< 0.4	239000	231000	10	7000	< 2	13	100	138000	326	0.2	5	< 0.2	1650	< 0.2	46	10
172044	30	< 0.4	< 0.2	705000	20	< 10	< 0.4	240000	129000	< 10	8000	5	21	40	164000	535	< 0.1	5	< 0.2	1430	< 0.2	102	60
172045	40	0.5	< 0.2	895000	21	< 10	< 0.4	256000	213000	20	12000	4	18	70	130000	482	< 0.1	5	< 0.2	1500	< 0.2	58	40
172046	40	0.6	< 0.2	918000	31	< 10	< 0.4	504000	538000	20	7000	3	26	140	198000	663	0.9	8	< 0.2	1520	< 0.2	45	290
172047	30	< 0.4	< 0.2	1400000	23	< 10	< 0.4	656000	454000	10	6000	< 2	19	80	301000	548	0.5	6	< 0.2	2180	< 0.2	34	230
172048	50	0.9	< 0.2	733000	33	10	< 0.4	270000	271000	10	7000	5	19	60	149000	847	0.1	8	< 0.2	1230	< 0.2	45	90
172049	30	< 0.4	< 0.2	975000	10	< 10	< 0.4	185000	227000	10	6000	2	11	20	152000	469	0.2	3	< 0.2	1940	< 0.2	30	20

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172050	50	0.4	1.3	941000	19	< 10	< 0.4	235000	224000	10	12000	3	17	40	170000	734	< 0.1	5	< 0.2	1550	< 0.2	40	30
172051	40	1.1	< 0.2	1540000	43	20	< 0.4	432000	445000	< 10	8000	6	36	50	229000	1200	0.5	11	< 0.2	3220	< 0.2	44	180
172052	20	0.4	0.3	941000	21	< 10	< 0.4	320000	286000	10	8000	3	15	< 10	128000	807	0.7	5	< 0.2	1470	< 0.2	36	110
172053	70	0.9	1.0	796000	37	10	< 0.4	214000	309000	10	12000	9	28	110	133000	1520	0.2	8	< 0.2	1530	< 0.2	39	80
172054	20	< 0.4	< 0.2	760000	6	< 10	< 0.4	188000	246000	< 10	7000	< 2	< 5	< 10	121000	480	< 0.1	< 2	< 0.2	1260	< 0.2	41	< 10
172055	20	0.4	< 0.2	822000	14	< 10	< 0.4	301000	406000	10	4000	< 2	15	20	113000	532	0.5	3	< 0.2	1390	< 0.2	31	110
172056	40	0.4	< 0.2	794000	26	< 10	< 0.4	248000	454000	10	12000	5	24	410	140000	969	0.5	6	< 0.2	1630	< 0.2	61	150
172057	40	0.4	< 0.2	759000	16	< 10	< 0.4	256000	249000	< 10	8000	3	16	220	119000	461	< 0.1	3	< 0.2	2130	< 0.2	44	40
172058	30	< 0.4	< 0.2	987000	12	< 10	< 0.4	306000	228000	< 10	7000	< 2	12	< 10	153000	406	0.1	2	< 0.2	2230	< 0.2	49	10
172059	20	< 0.4	< 0.2	1080000	18	< 10	< 0.4	326000	409000	< 10	7000	3	17	180	166000	540	0.7	5	< 0.2	1900	< 0.2	49	110
172060	20	< 0.4	< 0.2	815000	15	< 10	< 0.4	315000	172000	< 10	7000	4	14	30	130000	339	0.2	4	< 0.2	2310	< 0.2	42	30
172061	30	0.8	< 0.2	768000	20	10	< 0.4	190000	93100	10	8000	5	21	40	133000	515	0.1	6	< 0.2	2000	< 0.2	90	20
172062	30	< 0.4	< 0.2	1100000	19	< 10	< 0.4	261000	148000	< 10	12000	4	16	30	143000	523	0.1	4	< 0.2	3850	< 0.2	38	30
172063	10	< 0.4	< 0.2	638000	8	< 10	< 0.4	156000	150000	< 10	4000	< 2	5	< 10	96000	233	< 0.1	2	< 0.2	1860	< 0.2	24	< 10
172064	30	< 0.4	< 0.2	766000	17	< 10	< 0.4	284000	154000	< 10	6000	3	15	30	146000	729	< 0.1	4	< 0.2	1900	< 0.2	55	30
172065	< 10	< 0.4	< 0.2	1120000	6	< 10	< 0.4	469000	327000	< 10	7000	< 2	6	30	175000	240	< 0.1	< 2	< 0.2	1960	< 0.2	19	80
172066	30	< 0.4	< 0.2	1070000	18	< 10	< 0.4	547000	430000	< 10	6000	< 2	16	30	148000	427	< 0.1	4	< 0.2	1630	< 0.2	102	20
172067	30	< 0.4	< 0.2	600000	16	< 10	< 0.4	216000	239000	< 10	7000	< 2	13	20	89000	499	< 0.1	3	< 0.2	1030	< 0.2	45	20
172068	20	< 0.4	< 0.2	680000	8	< 10	< 0.4	262000	341000	< 10	6000	< 2	7	20	95000	346	< 0.1	< 2	< 0.2	1000	< 0.2	73	20
172069	40	< 0.4	< 0.2	739000	31	< 10	< 0.4	273000	416000	< 10	7000	< 2	29	50	104000	921	< 0.1	8	< 0.2	1220	< 0.2	52	20
172070	30	0.5	< 0.2	658000	18	< 10	0.5	272000	413000	< 10	8000	4	16	30	123000	531	< 0.1	4	< 0.2	990	< 0.2	54	20
172071	30	0.8	< 0.2	626000	17	< 10	0.5	281000	404000	< 10	7000	3	14	40	106000	645	< 0.1	4	< 0.2	1000	< 0.2	48	< 10
172072	20	< 0.4	< 0.2	652000	8	< 10	< 0.4	251000	515000	< 10	19000	< 2	6	20	114000	434	< 0.1	2	< 0.2	1050	< 0.2	31	< 10
172073	10	< 0.4	0.2	992000	12	< 10	< 0.4	417000	605000	< 10	7000	3	12	60	119000	521	< 0.1	3	< 0.2	1190	< 0.2	18	< 10
172074	20	< 0.4	< 0.2	1020000	10	< 10	< 0.4	360000	669000	< 10	8000	2	9	40	135000	597	< 0.1	3	< 0.2	1160	< 0.2	44	< 10
172075	30	< 0.4	< 0.2	851000	32	< 10	< 0.4	298000	551000	< 10	7000	3	21	120	122000	757	< 0.1	6	< 0.2	900	< 0.2	46	30
172076	30	0.6	0.6	627000	20	< 10	< 0.4	249000	560000	10	9000	3	18	90	99000	470	< 0.1	6	< 0.2	860	< 0.2	38	20
172077	60	0.7	< 0.2	764000	40	< 10	0.4	229000	663000	20	11000	4	34	120	115000	1230	< 0.1	9	< 0.2	940	< 0.2	34	50
172078	40	0.7	< 0.2	842000	19	< 10	< 0.4	263000	613000	< 10	8000	2	14	80	125000	532	< 0.1	4	< 0.2	1070	< 0.2	48	20
172079	60	1.5	< 0.2	639000	61	10	< 0.4	220000	581000	20	13000	3	56	170	107000	1820	< 0.1	14	< 0.2	950	< 0.2	59	70
172080	20	< 0.4	< 0.2	827000	8	< 10	< 0.4	264000	706000	< 10	7000	< 2	7	30	112000	361	< 0.1	2	< 0.2	950	< 0.2	40	< 10
172081	20	< 0.4	< 0.2	722000	11	< 10	< 0.4	380000	560000	< 10	9000	4	11	60	118000	380	< 0.1	2	< 0.2	1110	< 0.2	31	10
172082	20	< 0.4	< 0.2	963000	15	< 10	< 0.4	285000	644000	< 10	7000	2	10	60	106000	522	< 0.1	3	< 0.2	1280	< 0.2	37	20
172083	20	< 0.4	< 0.2	1130000	26	< 10	< 0.4	418000	587000	< 10	8000	< 2	17	80	168000	269	< 0.1	4	< 0.2	1590	< 0.2	28	< 10
172084	40	0.6	< 0.2	768000	30	10	0.6	265000	334000	< 10	11000	3	28	170	127000	833	< 0.1	8	< 0.2	800	< 0.2	29	50
172085	40	0.5	< 0.2	791000	27	< 10	< 0.4	352000	441000	10	8000	2	20	110	156000	859	< 0.1	5	< 0.2	1100	< 0.2	24	30
172086	20	< 0.4	0.4	739000	9	< 10	0.7	339000	302000	< 10	6000	20	11	90	97000	351	0.9	3	< 0.2	930	< 0.2	5	< 10
172087	20	< 0.4	1.1	886000	4	< 10	< 0.4	343000	327000	< 10	7000	13	6	90	117000	260	0.5	2	< 0.2	1280	< 0.2	21	< 10
172088	20	< 0.4	0.6	1250000	10	< 10	< 0.4	426000	425000	< 10	10000	13	8	110	174000	462	0.1	4	< 0.2	1690	< 0.2	10	< 10
172089	20	< 0.4	0.6	1030000	7	< 10	< 0.4	526000	543000	< 10	7000	9	9	80	163000	265	< 0.1	3	< 0.2	1560	< 0.2	20	< 10
172090	20	< 0.4	0.9	746000	13	< 10	< 0.4	362000	264000	< 10	7000	7	13	150	126000	471	< 0.1	4	< 0.2	1010	< 0.2	< 5	30
172091	30	< 0.4	1.9	820000	15	< 10	< 0.4	381000	571000	< 10	11000	8	15	150	157000	550	0.2	5	< 0.2	1170	< 0.2	9	20
172092	20	< 0.4	< 0.2	1040000	7	< 10	< 0.4	409000	255000	< 10	8000	6	7	100	209000	268	< 0.1	2	< 0.2	1310	< 0.2	11	< 10
172093	20	< 0.4	0.6	844000	6	< 10	< 0.4	309000	349000	< 10	7000	6	7	70	102000	207	< 0.1	2	< 0.2	1050	< 0.2	10	< 10
172094	20	< 0.4	< 0.2	723000	15	< 10	< 0.4	284000	419000	< 10	10000	4	11	100	144000	361	< 0.1	3	< 0.2	820	< 0.2	18	< 10
172095	50	0.5	0.6	285000	23	< 10	< 0.4	361000	419000	< 10	14000	8	26	120	101000	719	< 0.1	5	< 0.2	430	< 0.2	9	70
172096	30	< 0.4	0.9	764000	7	< 10	< 0.4	327000	482000	< 10	8000	4	6	90	119000	293	< 0.1	3	< 0.2	1140	< 0.2	18	< 10
172097	20	< 0.4	< 0.2	696000	19	< 10	< 0.4	342000	505000	< 10	7000	6	18	100	113000	388	0.1	6	< 0.2	970	< 0.2	19	20
172098	60	0.7	0.2	724000	33	< 10	< 0.4	319000	476000	10	10000	10	31	150	119000	1020	< 0.1	8	< 0.2	850	< 0.2	27	40
172099	40	0.5	0.8	817000	25	10	< 0.4	306000	342000	< 10	15000	8	18	120	161000	618	< 0.1	5	< 0.2	1060	< 0.2	56	60

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172100	50	< 0.4	2.3	614000	17	< 10	1.2	376000	261000	< 10	9000	4	20	130	128000	589	< 0.1	5	< 0.2	1100	< 0.2	22	30
172101	30	< 0.4	1.0	1140000	8	< 10	< 0.4	431000	390000	< 10	6000	4	9	140	204000	427	< 0.1	3	< 0.2	1790	< 0.2	16	< 10
172102	20	< 0.4	0.4	457000	3	< 10	< 0.4	279000	250000	< 10	4000	2	6	40	88000	212	< 0.1	< 2	< 0.2	1060	< 0.2	13	< 10
172103	20	< 0.4	< 0.2	769000	13	< 10	< 0.4	414000	413000	< 10	7000	3	5	90	140000	174	< 0.1	< 2	< 0.2	1470	< 0.2	12	< 10
172104	20	< 0.4	0.2	654000	7	< 10	< 0.4	208000	309000	< 10	6000	2	5	60	127000	204	< 0.1	< 2	< 0.2	1430	< 0.2	28	< 10
172105	60	1.2	2.0	541000	48	10	< 0.4	285000	303000	< 10	13000	7	42	200	196000	1710	< 0.1	12	< 0.2	1220	< 0.2	53	130
172106	20	< 0.4	0.6	580000	11	< 10	< 0.4	233000	315000	< 10	9000	5	11	4060	162000	499	< 0.1	4	< 0.2	1000	< 0.2	82	< 10
172107	20	< 0.4	< 0.2	796000	4	< 10	< 0.4	334000	226000	< 10	5000	3	5	120	126000	212	< 0.1	< 2	< 0.2	1370	< 0.2	39	30
172108	20	< 0.4	0.2	795000	7	< 10	< 0.4	295000	648000	< 10	6000	3	10	110	121000	266	< 0.1	< 2	< 0.2	1070	< 0.2	46	< 10
172109	30	< 0.4	0.9	721000	11	< 10	1.5	251000	286000	< 10	7000	5	15	120	113000	423	< 0.1	5	< 0.2	950	< 0.2	51	30
172110	20	< 0.4	< 0.2	1010000	9	< 10	< 0.4	373000	407000	< 10	7000	3	9	110	147000	485	< 0.1	3	< 0.2	1320	< 0.2	44	< 10
172111	30	< 0.4	0.6	1040000	10	< 10	< 0.4	384000	581000	< 10	6000	3	18	90	180000	420	< 0.1	4	< 0.2	1340	< 0.2	51	10
172112	30	< 0.4	< 0.2	494000	16	20	< 0.4	242000	413000	< 10	5000	2	15	90	91000	431	< 0.1	3	< 0.2	780	< 0.2	34	20
172113	10	< 0.4	1.7	406000	4	< 10	< 0.4	256000	191000	< 10	7000	3	9	70	61000	713	< 0.1	< 2	< 0.2	740	< 0.2	20	< 10
172114	20	< 0.4	0.4	872000	11	< 10	< 0.4	309000	351000	< 10	8000	4	12	130	141000	355	< 0.1	2	< 0.2	1440	< 0.2	25	< 10
172115	20	< 0.4	0.4	902000	12	< 10	< 0.4	325000	364000	< 10	7000	2	11	130	157000	313	< 0.1	3	< 0.2	1410	< 0.2	37	< 10
172116	20	< 0.4	< 0.2	729000	11	< 10	< 0.4	251000	275000	< 10	7000	2	11	120	129000	415	< 0.1	3	< 0.2	970	< 0.2	26	20
172117	30	0.5	0.6	739000	20	< 10	< 0.4	322000	577000	< 10	10000	4	17	120	137000	598	< 0.1	4	< 0.2	1050	< 0.2	28	20
172118	10	< 0.4	0.3	1200000	11	< 10	< 0.4	346000	453000	< 10	5000	3	8	120	154000	230	< 0.1	2	< 0.2	1430	< 0.2	11	< 10
172119	40	0.5	< 0.2	871000	17	< 10	< 0.4	426000	521000	< 10	10000	3	13	120	168000	599	< 0.1	5	< 0.2	1290	< 0.2	35	10
172120	30	< 0.4	0.6	831000	12	< 10	< 0.4	286000	384000	< 10	9000	3	11	120	139000	360	< 0.1	3	< 0.2	1270	< 0.2	24	< 10
172121	30	< 0.4	0.8	888000	22	< 10	< 0.4	320000	358000	< 10	7000	3	13	80	147000	450	< 0.1	4	< 0.2	1110	< 0.2	27	30
172122	30	0.8	0.6	893000	35	20	0.6	452000	297000	< 10	7000	6	38	120	174000	780	< 0.1	9	< 0.2	940	< 0.2	15	310
172123	50	1.0	1.8	620000	45	< 10	< 0.4	415000	188000	< 10	14000	4	36	160	152000	1750	< 0.1	9	< 0.2	1320	< 0.2	34	50
172124	60	1.1	0.4	554000	42	10	0.6	262000	319000	< 10	16000	4	39	150	142000	1440	< 0.1	10	< 0.2	1280	< 0.2	46	80
172125	20	< 0.4	< 0.2	1000000	8	< 10	< 0.4	517000	316000	< 10	6000	3	6	50	187000	651	< 0.1	3	< 0.2	1600	< 0.2	16	210
172126	20	< 0.4	< 0.2	781000	14	< 10	< 0.4	281000	444000	< 10	15000	4	14	70	151000	338	< 0.1	3	< 0.2	1480	< 0.2	24	20
172127	30	< 0.4	1.8	708000	12	< 10	< 0.4	396000	171000	< 10	7000	3	16	90	140000	381	< 0.1	3	< 0.2	1270	< 0.2	26	< 10
172128	30	< 0.4	< 0.2	667000	12	< 10	< 0.4	253000	205000	< 10	8000	12	14	140	154000	297	< 0.1	2	< 0.2	1270	< 0.2	22	30
172129	20	< 0.4	< 0.2	768000	6	< 10	< 0.4	361000	316000	< 10	9000	7	5	90	158000	179	< 0.1	< 2	< 0.2	1430	< 0.2	20	10
172130	20	< 0.4	< 0.2	1210000	5	< 10	< 0.4	486000	487000	< 10	17000	5	< 5	70	192000	180	< 0.1	< 2	< 0.2	1920	< 0.2	14	< 10
172131	30	< 0.4	< 0.2	1050000	6	< 10	< 0.4	264000	308000	< 10	8000	5	6	100	170000	184	< 0.1	< 2	< 0.2	1730	< 0.2	10	< 10
172132	20	< 0.4	< 0.2	987000	12	< 10	< 0.4	489000	555000	< 10	10000	5	8	70	179000	260	0.3	3	< 0.2	1710	< 0.2	11	80
172133	10	< 0.4	< 0.2	1250000	17	10	< 0.4	405000	414000	< 10	8000	5	14	110	206000	144	0.7	3	< 0.2	3080	< 0.2	14	70
172134	20	< 0.4	< 0.2	1250000	18	10	< 0.4	358000	777000	< 10	8000	5	11	70	209000	235	0.5	3	< 0.2	1940	< 0.2	9	190
172135	10	< 0.4	< 0.2	1130000	38	< 10	< 0.4	631000	991000	< 10	10000	5	18	70	168000	145	0.8	< 2	< 0.2	1740	< 0.2	< 5	150
172136	30	< 0.4	< 0.2	576000	31	< 10	< 0.4	170000	486000	< 10	13000	5	19	90	115000	548	0.1	5	< 0.2	1110	< 0.2	26	50
172137	30	0.4	< 0.2	810000	27	< 10	< 0.4	331000	396000	< 10	13000	5	10	90	141000	294	< 0.1	3	< 0.2	1320	< 0.2	14	10
172138	30	< 0.4	< 0.2	990000	10	< 10	< 0.4	442000	619000	< 10	10000	4	5	70	133000	212	0.1	2	< 0.2	1220	< 0.2	43	< 10
172139	30	< 0.4	< 0.2	782000	13	< 10	< 0.4	285000	268000	< 10	14000	5	10	130	164000	340	< 0.1	3	< 0.2	1220	< 0.2	29	< 10
172140	30	< 0.4	< 0.2	556000	19	< 10	< 0.4	220000	310000	< 10	10000	4	16	80	122000	401	< 0.1	4	< 0.2	1190	< 0.2	20	< 10
172141	20	< 0.4	< 0.2	407000	10	< 10	< 0.4	233000	171000	< 10	7000	5	5	140	112000	357	< 0.1	< 2	< 0.2	950	< 0.2	31	20
172142	70	1.2	< 0.2	848000	66	10	0.6	254000	481000	10	18000	6	38	180	191000	1580	< 0.1	9	< 0.2	1220	< 0.2	31	110
172143	30	< 0.4	< 0.2	682000	27	< 10	< 0.4	292000	250000	< 10	11000	3	13	90	113000	373	< 0.1	4	< 0.2	1000	< 0.2	16	10
172144	50	0.5	< 0.2	865000	37	< 10	< 0.4	332000	464000	< 10	9000	5	31	140	151000	973	< 0.1	7	< 0.2	950	< 0.2	14	30
172145	20	< 0.4	< 0.2	1120000	16	< 10	< 0.4	351000	485000	< 10	12000	4	11	100	161000	503	< 0.1	3	< 0.2	1190	< 0.2	22	30
172146	30	< 0.4	< 0.2	800000	18	< 10	< 0.4	337000	326000	< 10	10000	4	13	90	181000	407	< 0.1	3	< 0.2	1150	< 0.2	22	30
172147	40	< 0.4	< 0.2	638000	20	< 10	< 0.4	248000	248000	< 10	10000	4	15	80	139000	485	< 0.1	4	< 0.2	990	< 0.2	19	30
172148	40	0.8	< 0.2	574000	44	< 10	0.4	307000	307000	10	14000	5	27	140	125000	775	< 0.1	9	< 0.2	840	< 0.2	19	40
172149	30	0.6	< 0.2	748000	31	< 10	< 0.4	242000	229000	10	12000	4	24	150	111000	812	< 0.1	6	< 0.2	880	< 0.2	27	30

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172150	40	0.5	< 0.2	566000	29	< 10	< 0.4	253000	152000	< 10	11000	3	21	110	111000	668	< 0.1	6	< 0.2	890	< 0.2	21	30
172151	40	0.7	< 0.2	679000	32	< 10	< 0.4	340000	135000	80	12000	5	28	470	155000	699	< 0.1	8	< 0.2	1070	< 0.2	14	40
172152	50	0.8	< 0.2	771000	50	< 10	< 0.4	309000	249000	10	17000	5	40	200	158000	1230	< 0.1	11	< 0.2	900	< 0.2	18	60
172153	30	< 0.4	< 0.2	704000	14	< 10	< 0.4	403000	160000	< 10	9000	4	8	70	177000	497	< 0.1	2	< 0.2	1250	< 0.2	8	10
172154	30	< 0.4	< 0.2	655000	22	< 10	< 0.4	328000	109000	< 10	9000	3	12	100	151000	475	< 0.1	4	< 0.2	1000	< 0.2	8	< 10
172155	20	< 0.4	< 0.2	839000	14	< 10	< 0.4	290000	248000	< 10	8000	4	8	100	167000	330	< 0.1	3	< 0.2	1220	< 0.2	22	< 10
172156	20	< 0.4	< 0.2	1120000	19	< 10	< 0.4	352000	241000	< 10	12000	4	17	140	201000	546	< 0.1	3	< 0.2	1680	< 0.2	21	< 10
172157	30	0.5	< 0.2	773000	23	< 10	< 0.4	276000	263000	< 10	12000	7	22	150	125000	649	< 0.1	5	< 0.2	1130	< 0.2	20	10
172158	10	< 0.4	< 0.2	749000	10	< 10	0.5	322000	154000	< 10	9000	< 2	9	60	153000	269	< 0.1	2	< 0.2	1020	< 0.2	< 5	< 10
172159	20	< 0.4	< 0.2	1420000	24	< 10	< 0.4	408000	296000	< 10	10000	2	16	80	173000	389	0.1	4	< 0.2	1690	< 0.2	< 5	100
172160	40	0.5	< 0.2	531000	29	< 10	< 0.4	315000	166000	< 10	20000	4	20	110	140000	834	< 0.1	5	< 0.2	1050	< 0.2	< 5	30
172161	20	< 0.4	< 0.2	1230000	21	< 10	< 0.4	486000	376000	< 10	9000	2	6	40	199000	252	0.3	< 2	< 0.2	1590	< 0.2	< 5	60
172162	40	< 0.4	< 0.2	796000	16	< 10	< 0.4	230000	225000	< 10	9000	4	12	80	144000	359	< 0.1	3	< 0.2	1020	< 0.2	18	10
172163	50	< 0.4	< 0.2	828000	26	< 10	< 0.4	293000	344000	< 10	10000	3	15	130	156000	710	< 0.1	6	< 0.2	1100	< 0.2	19	30
172164	70	0.7	< 0.2	818000	31	< 10	< 0.4	345000	282000	10	9000	3	22	130	166000	774	< 0.1	8	< 0.2	1190	< 0.2	17	50
172165	30	< 0.4	< 0.2	930000	19	< 10	< 0.4	376000	445000	< 10	9000	< 2	15	120	149000	379	< 0.1	3	< 0.2	1170	< 0.2	10	< 10
172166	40	0.4	< 0.2	1020000	27	< 10	< 0.4	330000	502000	10	11000	7	17	130	152000	453	< 0.1	5	< 0.2	1340	< 0.2	18	20
172167	30	< 0.4	< 0.2	1220000	18	< 10	< 0.4	463000	545000	10	8000	2	13	270	160000	431	< 0.1	3	< 0.2	1780	< 0.2	14	10
172168	30	0.4	< 0.2	946000	38	10	0.4	385000	558000	10	15000	4	28	240	166000	812	< 0.1	7	< 0.2	1040	< 0.2	43	10
172169	50	1.0	< 0.2	816000	49	20	< 0.4	329000	340000	10	11000	5	44	230	160000	1440	< 0.1	11	< 0.2	940	< 0.2	56	20
172170	10	< 0.4	< 0.2	1380000	6	< 10	0.4	423000	631000	< 10	6000	< 2	< 5	90	101000	236	< 0.1	< 2	< 0.2	1850	< 0.2	28	< 10
172171	40	< 0.4	< 0.2	915000	30	20	0.6	414000	361000	< 10	13000	3	18	180	134000	695	< 0.1	7	< 0.2	1490	< 0.2	22	20
172172	30	0.6	< 0.2	819000	21	< 10	< 0.4	317000	758000	< 10	8000	2	17	130	123000	593	< 0.1	4	< 0.2	1230	< 0.2	24	< 10
172173	30	< 0.4	< 0.2	797000	20	< 10	0.5	413000	593000	< 10	10000	3	11	130	153000	382	< 0.1	4	< 0.2	1040	< 0.2	45	10
172174	20	< 0.4	< 0.2	845000	16	< 10	0.5	279000	573000	< 10	9000	< 2	14	110	164000	428	< 0.1	4	< 0.2	1090	< 0.2	47	20
172175	20	< 0.4	< 0.2	798000	19	< 10	< 0.4	410000	713000	< 10	12000	3	11	220	136000	403	< 0.1	4	< 0.2	970	< 0.2	56	< 10
172176	30	0.6	< 0.2	680000	34	10	< 0.4	292000	302000	< 10	10000	4	22	120	152000	723	< 0.1	6	< 0.2	760	< 0.2	85	10
172177	20	< 0.4	< 0.2	1020000	11	< 10	< 0.4	354000	655000	< 10	8000	< 2	8	100	139000	245	< 0.1	2	< 0.2	950	< 0.2	70	< 10
172178	20	0.4	< 0.2	886000	26	10	< 0.4	343000	516000	< 10	68000	2	12	440	155000	431	< 0.1	4	< 0.2	1090	< 0.2	68	< 10
172179	20	< 0.4	< 0.2	966000	20	< 10	0.4	304000	630000	< 10	13000	3	14	140	133000	489	< 0.1	4	< 0.2	990	< 0.2	78	< 10
172180	20	< 0.4	< 0.2	828000	15	< 10	< 0.4	304000	408000	< 10	11000	< 2	10	140	146000	429	< 0.1	3	< 0.2	910	< 0.2	80	20
172181	20	< 0.4	< 0.2	773000	12	< 10	< 0.4	272000	387000	< 10	7000	< 2	9	130	117000	260	< 0.1	3	< 0.2	800	< 0.2	70	20
172182	20	0.4	< 0.2	711000	22	< 10	< 0.4	231000	277000	< 10	8000	2	19	100	119000	461	< 0.1	5	< 0.2	930	< 0.2	64	< 10
172183	30	0.4	< 0.2	868000	24	< 10	< 0.4	379000	633000	< 10	10000	< 2	17	120	145000	599	< 0.1	4	< 0.2	1030	< 0.2	68	20
172184	50	0.8	< 0.2	1160000	34	< 10	< 0.4	436000	389000	10	16000	4	30	220	174000	924	< 0.1	8	< 0.2	1190	< 0.2	171	50
172185	30	0.8	< 0.2	707000	43	< 10	0.6	296000	471000	< 10	13000	3	24	190	139000	1070	< 0.1	9	< 0.2	730	< 0.2	157	30
172186	20	< 0.4	< 0.2	694000	20	< 10	< 0.4	262000	333000	< 10	7000	2	15	100	138000	565	< 0.1	4	< 0.2	1040	< 0.2	135	30
172187	50	0.5	< 0.2	766000	27	< 10	< 0.4	248000	457000	< 10	13000	4	29	140	153000	692	< 0.1	5	< 0.2	890	< 0.2	127	20
172188	30	< 0.4	< 0.2	780000	22	< 10	0.4	338000	296000	< 10	18000	< 2	13	90	134000	339	0.3	3	< 0.2	1050	< 0.2	125	< 10
172189	30	0.8	< 0.2	945000	31	< 10	0.5	305000	207000	< 10	12000	3	25	130	161000	782	< 0.1	7	< 0.2	920	< 0.2	98	30
172190	50	0.5	< 0.2	654000	28	< 10	< 0.4	174000	131000	< 10	11000	4	20	180	130000	553	< 0.1	5	< 0.2	910	< 0.2	74	40
172191	30	0.5	< 0.2	663000	24	< 10	< 0.4	223000	178000	< 10	8000	2	19	80	131000	665	0.2	5	< 0.2	890	< 0.2	35	10
172192	10	< 0.4	< 0.2	615000	9	< 10	< 0.4	267000	188000	< 10	6000	< 2	7	50	81000	260	0.3	< 2	< 0.2	890	< 0.2	23	40
172193	30	0.5	< 0.2	650000	19	< 10	< 0.4	266000	153000	< 10	10000	3	12	100	155000	389	0.1	4	< 0.2	820	< 0.2	24	20
172194	40	0.6	< 0.2	776000	26	< 10	1.5	324000	221000	10	12000	2	26	280	118000	702	0.1	6	< 0.2	940	< 0.2	23	< 10
172195	50	< 0.4	< 0.2	609000	17	< 10	< 0.4	261000	282000	< 10	10000	< 2	11	70	119000	367	0.3	4	< 0.2	870	< 0.2	19	< 10
172196	50	< 0.4	< 0.2	745000	21	< 10	< 0.4	213000	210000	< 10	12000	2	14	70	148000	625	0.2	4	< 0.2	910	< 0.2	31	< 10
172197	50	0.5	< 0.2	727000	21	< 10	< 0.4	234000	175000	10	15000	2	18	130	143000	740	0.2	4	< 0.2	1050	< 0.2	43	10
172198	30	0.6	< 0.2	725000	31	< 10	0.4	260000	185000	< 10	12000	3	20	110	124000	858	0.1	6	< 0.2	1130	< 0.2	37	20
172199	10	< 0.4	< 0.2	674000	10	< 10	< 0.4	199000	203000	< 10	5000	< 2	9	80	119000	251	0.1	2	< 0.2	940	< 0.2	20	< 10

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172200	20	< 0.4	< 0.2	771000	12	< 10	< 0.4	292000	169000	< 10	6000	3	10	50	115000	262	0.3	3	< 0.2	1340	< 0.2	16	< 10
172201	30	< 0.4	< 0.2	789000	16	< 10	< 0.4	194000	166000	< 10	7000	< 2	10	60	123000	463	0.3	3	< 0.2	1190	< 0.2	8	< 10
172202	20	< 0.4	< 0.2	790000	21	< 10	< 0.4	208000	190000	< 10	9000	< 2	17	60	125000	604	0.2	4	< 0.2	1460	< 0.2	10	20
172203	30	< 0.4	< 0.2	929000	22	< 10	0.8	287000	194000	10	8000	2	15	110	156000	436	< 0.1	4	< 0.2	1720	< 0.2	32	10
172204	40	0.4	0.2	802000	22	< 10	< 0.4	255000	188000	10	10000	4	16	510	153000	623	0.2	5	< 0.2	1550	< 0.2	34	20
172205	40	0.4	< 0.2	825000	19	< 10	0.7	248000	261000	< 10	10000	2	11	80	166000	455	0.1	5	< 0.2	1430	< 0.2	34	< 10
172206	50	< 0.4	< 0.2	775000	24	< 10	0.4	245000	159000	< 10	9000	3	16	90	144000	488	< 0.1	5	< 0.2	1290	< 0.2	45	10
172207	30	< 0.4	< 0.2	892000	12	< 10	< 0.4	226000	204000	< 10	8000	< 2	6	60	161000	259	0.1	2	< 0.2	1350	< 0.2	51	< 10
172208	30	< 0.4	< 0.2	1050000	17	< 10	0.9	217000	316000	< 10	10000	< 2	9	70	143000	479	< 0.1	4	< 0.2	1670	< 0.2	29	20
172209	30	< 0.4	< 0.2	715000	16	10	< 0.4	214000	276000	10	7000	13	12	70	129000	522	0.2	3	< 0.2	1250	< 0.2	< 5	40
172210	10	< 0.4	< 0.2	908000	20	< 10	< 0.4	240000	246000	10	8000	11	12	80	169000	524	0.2	3	< 0.2	1690	< 0.2	14	30
172211	20	< 0.4	< 0.2	677000	18	10	< 0.4	279000	232000	10	7000	7	15	90	163000	406	0.2	5	< 0.2	1250	< 0.2	10	40
172212	20	< 0.4	< 0.2	846000	13	50	< 0.4	295000	241000	10	8000	9	11	80	144000	337	0.1	3	< 0.2	1410	< 0.2	< 5	30
172213	50	1.1	< 0.2	802000	53	10	< 0.4	321000	186000	20	10000	8	44	150	158000	1560	0.1	11	< 0.2	1340	< 0.2	22	80
172214	30	0.5	< 0.2	620000	27	< 10	0.4	223000	163000	20	8000	8	23	100	116000	835	< 0.1	6	< 0.2	1070	< 0.2	< 5	50
172215	20	< 0.4	< 0.2	497000	16	< 10	< 0.4	249000	138000	< 10	14000	5	13	60	138000	434	< 0.1	3	< 0.2	690	< 0.2	< 5	30
172216	30	< 0.4	< 0.2	684000	21	< 10	< 0.4	262000	267000	10	11000	6	12	70	104000	361	0.1	3	< 0.2	1200	< 0.2	15	30
172217	30	< 0.4	< 0.2	672000	12	20	0.4	221000	319000	< 10	8000	4	10	70	122000	363	0.1	3	< 0.2	1180	< 0.2	< 5	40
172218	20	< 0.4	< 0.2	1020000	11	10	< 0.4	315000	356000	< 10	10000	4	7	60	207000	280	0.2	2	< 0.2	1800	< 0.2	< 5	30
172219	20	< 0.4	< 0.2	1050000	7	< 10	< 0.4	428000	386000	< 10	6000	4	6	30	250000	214	0.6	< 2	< 0.2	1610	< 0.2	< 5	50
172220	30	< 0.4	< 0.2	764000	14	< 10	< 0.4	388000	220000	< 10	13000	6	10	120	181000	426	< 0.1	3	< 0.2	1270	< 0.2	11	40
172221	20	< 0.4	< 0.2	847000	7	< 10	< 0.4	343000	224000	< 10	8000	3	5	80	170000	246	< 0.1	< 2	< 0.2	1280	< 0.2	< 5	10
172222	50	0.5	< 0.2	637000	20	< 10	< 0.4	296000	203000	20	10000	5	18	100	150000	515	< 0.1	5	< 0.2	1200	< 0.2	< 5	30
172223	30	< 0.4	< 0.2	772000	19	20	< 0.4	242000	233000	< 10	10000	4	14	80	134000	450	< 0.1	5	< 0.2	1140	< 0.2	< 5	30
172224	20	< 0.4	< 0.2	896000	13	< 10	< 0.4	278000	125000	< 10	6000	4	12	70	182000	263	< 0.1	2	< 0.2	1030	< 0.2	5	40
172225	30	< 0.4	< 0.2	754000	14	< 10	< 0.4	316000	135000	< 10	10000	4	11	80	145000	447	< 0.1	3	< 0.2	1070	< 0.2	< 5	30
172226	40	0.5	< 0.2	731000	32	< 10	< 0.4	315000	396000	10	10000	4	22	150	140000	799	< 0.1	6	< 0.2	1000	< 0.2	8	50
172227	20	0.5	0.3	751000	21	< 10	0.5	218000	441000	< 10	7000	5	19	100	141000	538	< 0.1	4	< 0.2	1060	< 0.2	< 5	40
172228	10	< 0.4	< 0.2	711000	16	< 10	0.4	324000	473000	< 10	6000	3	10	80	134000	314	< 0.1	< 2	< 0.2	960	< 0.2	7	10
172229	20	< 0.4	< 0.2	848000	13	< 10	0.6	274000	453000	< 10	6000	4	9	60	117000	291	< 0.1	3	< 0.2	1040	< 0.2	< 5	10
172230	20	< 0.4	< 0.2	635000	15	< 10	< 0.4	199000	510000	< 10	8000	3	10	80	108000	500	< 0.1	3	< 0.2	830	< 0.2	10	40
172231	20	0.5	< 0.2	1010000	33	20	0.5	356000	589000	20	6000	4	18	120	167000	313	< 0.1	5	< 0.2	1200	< 0.2	9	150
172232	20	< 0.4	< 0.2	850000	7	< 10	< 0.4	386000	940000	< 10	6000	3	6	110	118000	236	< 0.1	< 2	< 0.2	1000	< 0.2	11	40
172233	20	< 0.4	< 0.2	644000	26	< 10	< 0.4	249000	442000	< 10	9000	3	8	70	116000	348	< 0.1	3	< 0.2	800	< 0.2	8	30
172234	30	0.4	0.4	702000	22	< 10	< 0.4	269000	417000	10	9000	5	16	110	127000	669	< 0.1	5	< 0.2	870	< 0.2	9	40
172235	20	< 0.4	< 0.2	747000	16	< 10	0.6	345000	470000	10	5000	3	15	80	110000	289	< 0.1	2	< 0.2	1050	< 0.2	5	30
172236	20	< 0.4	< 0.2	1260000	17	10	< 0.4	289000	1440000	50	6000	3	15	70	244000	287	< 0.1	4	< 0.2	1430	< 0.2	9	120
172237	20	< 0.4	< 0.2	916000	22	< 10	< 0.4	300000	463000	10	8000	4	14	130	143000	590	< 0.1	5	< 0.2	980	< 0.2	9	50
172238	20	0.4	< 0.2	836000	26	< 10	< 0.4	320000	442000	10	8000	4	14	180	135000	654	< 0.1	4	< 0.2	940	< 0.2	42	60
172239	20	< 0.4	< 0.2	845000	11	40	< 0.4	252000	250000	< 10	7000	4	7	110	144000	246	< 0.1	< 2	< 0.2	1020	< 0.2	20	40
172240	30	< 0.4	< 0.2	973000	23	< 10	< 0.4	298000	436000	< 10	7000	4	14	100	142000	590	< 0.1	4	< 0.2	1110	< 0.2	< 5	40
172241	30	0.4	< 0.2	942000	26	< 10	< 0.4	365000	297000	10	8000	5	17	140	174000	656	< 0.1	4	< 0.2	1260	< 0.2	11	40
172242	20	< 0.4	< 0.2	1070000	16	< 10	< 0.4	287000	275000	< 10	6000	3	10	90	181000	332	< 0.1	3	< 0.2	1110	< 0.2	< 5	20
172243	10	< 0.4	< 0.2	845000	9	< 10	< 0.4	319000	195000	< 10	4000	3	6	50	94000	265	0.2	2	< 0.2	1000	< 0.2	< 5	60
172244	20	0.5	< 0.2	938000	23	< 10	< 0.4	239000	311000	10	8000	4	22	70	144000	551	< 0.1	6	< 0.2	1020	< 0.2	7	40
172245	20	0.7	0.2	2110000	41	30	< 0.4	551000	637000	20	9000	5	28	130	298000	553	0.3	8	< 0.2	2040	< 0.2	9	220
172246	20	< 0.4	< 0.2	966000	13	< 10	< 0.4	382000	196000	< 10	7000	4	6	70	177000	305	< 0.1	2	< 0.2	1240	< 0.2	9	40
172247	40	< 0.4	< 0.2	633000	20	< 10	< 0.4	186000	174000	< 10	7000	3	12	90	144000	658	< 0.1	4	< 0.2	1000	< 0.2	< 5	20
172248	30	< 0.4	< 0.2	853000	16	< 10	< 0.4	245000	203000	< 10	10000	3	11	90	182000	404	< 0.1	3	< 0.2	1250	< 0.2	6	20
172249	30	< 0.4	< 0.2	604000	11	< 10	< 0.4	309000	130000	< 10	6000	3	8	100	174000	492	< 0.1	< 2	< 0.2	880	< 0.2	21	20

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172250	20	< 0.4	< 0.2	581000	18	< 10	< 0.4	304000	255000	< 10	4000	2	< 5	100	126000	442	< 0.1	< 2	< 0.2	800	< 0.2	< 5	50
172251	20	0.6	< 0.2	977000	27	10	< 0.4	475000	193000	< 10	8000	4	17	90	178000	517	0.4	6	< 0.2	1340	< 0.2	7	180
172252	20	< 0.4	< 0.2	680000	14	< 10	< 0.4	237000	132000	< 10	5000	2	7	40	115000	319	< 0.1	3	< 0.2	1130	< 0.2	< 5	10
172253	40	0.5	< 0.2	769000	26	< 10	< 0.4	209000	195000	< 10	8000	4	26	110	160000	1130	0.1	7	< 0.2	1170	< 0.2	< 5	70
172254	10	< 0.4	< 0.2	812000	11	< 10	< 0.4	205000	172000	< 10	5000	2	9	70	93000	281	< 0.1	2	< 0.2	1200	< 0.2	< 5	30
172255	20	< 0.4	< 0.2	740000	9	< 10	< 0.4	254000	249000	< 10	8000	3	6	90	136000	340	< 0.1	< 2	< 0.2	1080	< 0.2	8	20
172256	40	0.6	< 0.2	507000	42	10	< 0.4	276000	271000	20	13000	4	29	170	110000	1140	< 0.1	9	< 0.2	1110	< 0.2	9	30
172257	30	0.4	< 0.2	676000	25	< 10	< 0.4	302000	664000	40	9000	3	18	200	121000	594	< 0.1	4	< 0.2	1080	< 0.2	18	60
172258	40	0.7	< 0.2	954000	30	< 10	< 0.4	384000	304000	10	11000	4	28	160	186000	1080	< 0.1	6	< 0.2	1330	< 0.2	< 5	50
172259	30	< 0.4	< 0.2	870000	17	< 10	< 0.4	306000	314000	< 10	7000	4	9	130	142000	447	< 0.1	4	< 0.2	1130	< 0.2	< 5	40
172260	20	0.4	< 0.2	869000	18	< 10	< 0.4	266000	442000	< 10	7000	4	13	160	135000	615	0.1	4	< 0.2	980	< 0.2	6	30
172261	20	< 0.4	< 0.2	1210000	10	< 10	< 0.4	408000	370000	< 10	4000	< 2	7	120	184000	259	< 0.1	2	< 0.2	1460	< 0.2	< 5	10
172262	30	0.8	0.6	817000	52	< 10	< 0.4	351000	357000	10	6000	4	40	170	148000	1610	< 0.1	10	< 0.2	1040	< 0.2	6	50
172263	10	< 0.4	< 0.2	689000	11	100	< 0.4	273000	171000	< 10	4000	3	5	90	116000	393	< 0.1	< 2	< 0.2	940	< 0.2	8	10
172264	40	0.5	< 0.2	693000	19	< 10	< 0.4	198000	293000	10	7000	3	14	110	118000	693	< 0.1	5	< 0.2	980	< 0.2	< 5	50
172265	60	0.5	< 0.2	512000	30	< 10	< 0.4	235000	298000	< 10	12000	4	21	120	127000	752	< 0.1	6	< 0.2	770	< 0.2	14	40
172266	20	< 0.4	< 0.2	625000	19	< 10	0.4	303000	175000	< 10	10000	2	13	210	114000	684	< 0.1	3	< 0.2	960	< 0.2	9	50
172267	20	0.5	< 0.2	701000	11	< 10	< 0.4	288000	180000	< 10	6000	4	8	80	148000	312	< 0.1	2	< 0.2	1090	< 0.2	< 5	30
172268	20	< 0.4	< 0.2	688000	14	< 10	< 0.4	293000	124000	< 10	5000	< 2	12	150	135000	515	< 0.1	4	< 0.2	1090	< 0.2	8	20
172269	20	< 0.4	< 0.2	671000	27	< 10	< 0.4	298000	171000	10	6000	3	18	170	114000	812	< 0.1	5	< 0.2	890	< 0.2	7	20
172270	10	< 0.4	< 0.2	731000	7	< 10	< 0.4	274000	191000	< 10	6000	3	< 5	100	154000	299	< 0.1	< 2	< 0.2	1200	< 0.2	< 5	< 10
172271	30	0.5	< 0.2	704000	22	40	< 0.4	319000	231000	< 10	7000	3	14	100	154000	747	< 0.1	4	< 0.2	1200	< 0.2	< 5	20
172272	20	< 0.4	< 0.2	753000	9	< 10	< 0.4	205000	134000	< 10	5000	2	6	90	141000	274	< 0.1	< 2	< 0.2	940	< 0.2	< 5	20
172273	30	< 0.4	< 0.2	676000	17	< 10	< 0.4	275000	287000	< 10	8000	3	12	1090	156000	645	< 0.1	3	< 0.2	1000	< 0.2	< 5	20
172274	30	< 0.4	< 0.2	559000	21	< 10	< 0.4	206000	247000	< 10	8000	2	16	140	140000	608	< 0.1	4	< 0.2	900	< 0.2	6	80
172275	10	< 0.4	< 0.2	674000	10	< 10	< 0.4	193000	316000	< 10	6000	3	9	60	100000	415	< 0.1	2	< 0.2	990	< 0.2	< 5	< 10
172276	30	< 0.4	0.7	689000	18	< 10	< 0.4	272000	230000	< 10	6000	2	11	100	141000	644	< 0.1	4	< 0.2	860	< 0.2	13	40
172277	40	0.6	< 0.2	778000	24	< 10	0.5	269000	422000	< 10	8000	5	18	210	123000	808	< 0.1	4	< 0.2	1430	< 0.2	< 5	60
172278	60	0.6	< 0.2	503000	28	< 10	< 0.4	254000	612000	< 10	10000	4	24	190	107000	542	< 0.1	6	< 0.2	930	< 0.2	< 5	30
172279	20	< 0.4	< 0.2	672000	13	20	< 0.4	204000	298000	< 10	7000	2	5	140	111000	442	< 0.1	3	< 0.2	1150	< 0.2	7	30
172280	20	< 0.4	< 0.2	704000	12	< 10	< 0.4	254000	417000	< 10	5000	4	7	390	127000	315	< 0.1	2	< 0.2	970	< 0.2	< 5	10
172281	20	< 0.4	< 0.2	888000	11	< 10	< 0.4	385000	303000	< 10	8000	2	8	190	140000	391	< 0.1	2	< 0.2	1210	< 0.2	< 5	30
172282	30	< 0.4	< 0.2	759000	12	< 10	< 0.4	394000	442000	< 10	8000	3	9	120	135000	514	< 0.1	3	< 0.2	1040	< 0.2	< 5	20
172283	30	0.6	< 0.2	742000	20	< 10	< 0.4	320000	389000	< 10	10000	3	15	110	152000	582	< 0.1	4	< 0.2	930	< 0.2	9	50
172284	30	0.5	< 0.2	670000	18	< 10	< 0.4	191000	513000	10	7000	4	18	90	103000	561	< 0.1	4	< 0.2	1110	< 0.2	9	30
172285	10	< 0.4	< 0.2	725000	8	10	< 0.4	238000	154000	< 10	5000	2	7	100	148000	334	< 0.1	< 2	< 0.2	1190	< 0.2	6	20
172286	40	0.7	< 0.2	662000	37	10	< 0.4	370000	176000	10	9000	4	26	150	130000	1100	< 0.1	8	< 0.2	940	< 0.2	11	70
172287	30	0.5	< 0.2	738000	22	< 10	< 0.4	330000	316000	10	9000	4	16	150	133000	530	< 0.1	6	< 0.2	1060	< 0.2	5	50
172288	20	< 0.4	< 0.2	777000	14	< 10	< 0.4	255000	560000	< 10	6000	< 2	9	130	114000	485	< 0.1	2	< 0.2	1040	< 0.2	< 5	10
172289	50	1.0	< 0.2	534000	44	< 10	< 0.4	256000	231000	10	7000	11	27	150	89000	1430	0.2	9	< 0.2	900	< 0.2	25	40
172290	40	0.7	0.3	812000	40	< 10	0.4	209000	363000	10	8000	7	26	160	117000	1120	< 0.1	8	< 0.2	980	< 0.2	35	20
172291	10	< 0.4	< 0.2	722000	8	< 10	< 0.4	257000	143000	< 10	5000	5	6	60	105000	170	0.1	< 2	< 0.2	1500	< 0.2	20	< 10
172292	20	< 0.4	< 0.2	944000	13	< 10	< 0.4	343000	415000	10	7000	5	8	120	167000	467	0.1	3	< 0.2	1180	< 0.2	24	< 10
172293	30	< 0.4	< 0.2	606000	14	< 10	< 0.4	222000	224000	< 10	6000	4	8	100	108000	334	< 0.1	3	< 0.2	990	< 0.2	24	< 10
172294	20	< 0.4	< 0.2	646000	11	< 10	< 0.4	341000	424000	< 10	7000	4	9	90	146000	238	< 0.1	3	< 0.2	1090	< 0.2	11	< 10
172295	20	< 0.4	< 0.2	716000	11	< 10	< 0.4	277000	402000	< 10	7000	4	< 5	130	136000	258	< 0.1	3	< 0.2	1020	< 0.2	18	< 10
172296	20	0.5	< 0.2	1040000	21	< 10	< 0.4	292000	391000	< 10	8000	3	13	90	138000	308	0.1	3	< 0.2	1450	< 0.2	24	< 10
172297	20	< 0.4	0.6	785000	23	< 10	0.4	287000	674000	10	7000	2	12	90	135000	554	< 0.1	3	< 0.2	1060	< 0.2	30	< 10
172298	10	0.5	< 0.2	866000	27	< 10	< 0.4	353000	554000	10	8000	4	15	120	104000	560	< 0.1	4	< 0.2	1140	< 0.2	22	< 10
172299	30	0.7	< 0.2	922000	61	< 10	< 0.4	260000	386000	10	11000	3	43	160	126000	550	< 0.1	13	< 0.2	1410	< 0.2	19	20

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172300	20	< 0.4	< 0.2	690000	20	< 10	< 0.4	235000	334000	< 10	6000	3	11	70	118000	374	< 0.1	3	< 0.2	1030	< 0.2	26	< 10
172301	10	< 0.4	< 0.2	677000	14	< 10	< 0.4	229000	510000	10	6000	< 2	9	2610	109000	336	< 0.1	3	< 0.2	970	< 0.2	24	< 10
172302	20	< 0.4	< 0.2	749000	33	< 10	< 0.4	224000	408000	10	7000	3	15	70	121000	299	< 0.1	4	< 0.2	990	< 0.2	39	< 10
172303	40	< 0.4	< 0.2	742000	29	20	0.5	304000	565000	< 10	12000	3	20	140	168000	734	0.1	5	< 0.2	910	< 0.2	53	< 10
172304	20	0.4	< 0.2	1230000	32	20	0.4	309000	650000	< 10	7000	3	19	110	216000	390	< 0.1	7	< 0.2	1230	< 0.2	33	80
172305	20	< 0.4	< 0.2	869000	12	< 10	< 0.4	225000	432000	10	7000	3	7	70	146000	238	< 0.1	2	< 0.2	1080	< 0.2	35	< 10
172306	30	0.7	< 0.2	579000	44	10	0.5	249000	263000	20	11000	3	29	140	120000	951	< 0.1	8	< 0.2	920	< 0.2	35	< 10
172307	10	< 0.4	< 0.2	906000	22	< 10	< 0.4	428000	228000	< 10	5000	< 2	< 5	110	189000	204	< 0.1	< 2	< 0.2	1330	< 0.2	29	< 10
172308	40	0.7	< 0.2	501000	36	< 10	< 0.4	214000	178000	10	8000	4	27	140	107000	1010	< 0.1	7	< 0.2	1050	< 0.2	30	< 10
172309	40	1.0	0.3	641000	42	< 10	0.8	291000	342000	20	8000	3	34	160	171000	893	< 0.1	9	< 0.2	1230	< 0.2	21	< 10
172310	20	< 0.4	< 0.2	696000	14	< 10	< 0.4	284000	248000	< 10	6000	< 2	10	130	137000	393	< 0.1	3	< 0.2	1390	< 0.2	20	< 10
172311	20	< 0.4	< 0.2	726000	8	< 10	< 0.4	315000	202000	< 10	7000	3	7	110	164000	223	< 0.1	2	< 0.2	1440	< 0.2	24	< 10
172312	40	0.5	< 0.2	507000	25	10	< 0.4	250000	144000	10	9000	3	20	130	126000	418	< 0.1	4	< 0.2	870	< 0.2	15	< 10
172313	20	< 0.4	< 0.2	993000	23	< 10	< 0.4	232000	305000	10	5000	< 2	13	120	149000	447	< 0.1	4	< 0.2	1290	< 0.2	15	< 10
172314	20	< 0.4	< 0.2	851000	12	< 10	< 0.4	293000	326000	10	4000	< 2	9	100	143000	225	< 0.1	2	< 0.2	1290	< 0.2	12	< 10
172315	20	< 0.4	< 0.2	970000	13	< 10	< 0.4	227000	285000	10	5000	< 2	7	130	142000	238	< 0.1	3	< 0.2	1230	< 0.2	17	< 10
172316	20	0.5	< 0.2	658000	21	< 10	< 0.4	211000	275000	< 10	5000	< 2	10	120	118000	422	< 0.1	5	< 0.2	950	< 0.2	16	< 10
172317	20	< 0.4	< 0.2	416000	15	< 10	0.4	212000	372000	< 10	12000	< 2	9	90	72000	302	0.1	3	< 0.2	650	< 0.2	14	< 10
172318	10	< 0.4	< 0.2	668000	16	< 10	< 0.4	383000	300000	< 10	6000	3	14	90	133000	335	< 0.1	4	< 0.2	1020	< 0.2	22	< 10
172319	40	1.2	< 0.2	627000	53	10	< 0.4	201000	332000	20	6000	4	41	150	152000	1080	< 0.1	13	< 0.2	1040	< 0.2	28	< 10
172320	30	< 0.4	< 0.2	867000	12	< 10	< 0.4	258000	414000	< 10	6000	4	7	70	152000	259	0.1	3	< 0.2	1480	< 0.2	9	< 10
172321	70	0.6	< 0.2	621000	29	10	< 0.4	235000	474000	< 10	7000	2	23	90	139000	579	0.2	7	< 0.2	1010	< 0.2	25	< 10
172322	40	< 0.4	< 0.2	1280000	21	< 10	< 0.4	401000	300000	10	6000	2	17	90	226000	469	0.2	3	< 0.2	2390	< 0.2	9	130
172323	< 10	< 0.4	< 0.2	1100000	20	< 10	< 0.4	522000	305000	< 10	4000	< 2	< 5	70	214000	131	0.2	< 2	< 0.2	2320	< 0.2	9	110
172324	50	0.8	< 0.2	650000	52	< 10	< 0.4	567000	125000	10	6000	< 2	18	110	327000	343	0.1	5	< 0.2	1350	< 0.2	25	< 10
172325	30	0.4	< 0.2	1180000	23	10	< 0.4	614000	572000	< 10	7000	3	15	70	269000	368	0.4	4	< 0.2	2620	< 0.2	18	60
172326	< 10	< 0.4	< 0.2	1300000	3	< 10	< 0.4	595000	482000	< 10	4000	< 2	< 5	50	274000	101	0.4	< 2	< 0.2	2730	< 0.2	12	40
172327	30	0.5	< 0.2	920000	23	< 10	< 0.4	356000	563000	< 10	5000	4	14	70	187000	495	0.4	6	< 0.2	1790	< 0.2	20	130
172328	30	< 0.4	< 0.2	1300000	17	< 10	< 0.4	360000	369000	< 10	7000	2	13	100	249000	283	0.1	3	< 0.2	2960	< 0.2	12	< 10
172329	10	< 0.4	< 0.2	861000	6	< 10	< 0.4	385000	426000	< 10	4000	< 2	7	40	184000	169	0.3	< 2	< 0.2	1540	< 0.2	13	40
172330	< 10	< 0.4	< 0.2	1600000	15	< 10	< 0.4	518000	570000	< 10	5000	< 2	< 5	40	195000	208	0.3	< 2	< 0.2	3070	< 0.2	10	80
172331	20	< 0.4	< 0.2	968000	21	< 10	< 0.4	285000	349000	< 10	7000	2	15	60	176000	301	0.1	3	< 0.2	1990	< 0.2	< 5	< 10
172332	10	< 0.4	< 0.2	1290000	23	< 10	< 0.4	651000	563000	< 10	5000	2	7	40	170000	262	0.4	< 2	< 0.2	2570	< 0.2	6	40
172333	20	< 0.4	< 0.2	897000	12	< 10	< 0.4	259000	444000	< 10	5000	< 2	7	70	145000	382	0.1	3	< 0.2	1620	< 0.2	< 5	< 10
172334	30	0.6	< 0.2	669000	44	< 10	< 0.4	230000	421000	< 10	7000	3	33	150	124000	888	< 0.1	8	< 0.2	1040	< 0.2	14	30
172335	20	< 0.4	< 0.2	1210000	13	10	< 0.4	374000	555000	< 10	6000	< 2	9	130	234000	262	0.1	3	< 0.2	1810	< 0.2	< 5	90
172336	20	< 0.4	< 0.2	859000	20	< 10	< 0.4	258000	351000	< 10	6000	2	12	90	139000	278	< 0.1	3	< 0.2	1280	< 0.2	21	< 10
172337	10	< 0.4	< 0.2	722000	9	< 10	< 0.4	273000	507000	< 10	4000	< 2	< 5	90	91000	184	0.1	< 2	< 0.2	1170	< 0.2	8	< 10
172338	30	0.4	< 0.2	930000	18	< 10	< 0.4	307000	460000	10	5000	< 2	11	90	140000	244	< 0.1	< 2	< 0.2	1220	< 0.2	10	< 10
172339	20	< 0.4	< 0.2	1230000	21	< 10	< 0.4	392000	588000	10	7000	< 2	6	150	301000	262	< 0.1	3	< 0.2	1840	< 0.2	13	70
172340	40	< 0.4	< 0.2	705000	19	< 10	< 0.4	274000	396000	< 10	7000	< 2	12	100	136000	371	< 0.1	3	< 0.2	1200	< 0.2	8	< 10
172341	20	< 0.4	< 0.2	701000	14	< 10	< 0.4	256000	329000	10	6000	2	< 5	70	134000	196	< 0.1	< 2	< 0.2	1080	< 0.2	< 5	< 10
172342	20	< 0.4	< 0.2	859000	22	< 10	< 0.4	320000	347000	10	8000	2	15	190	155000	426	< 0.1	4	< 0.2	1330	< 0.2	14	< 10
172343	20	< 0.4	< 0.2	950000	20	< 10	< 0.4	554000	575000	< 10	5000	< 2	13	110	163000	299	< 0.1	3	< 0.2	1610	< 0.2	11	20
172344	50	0.8	< 0.2	662000	52	< 10	< 0.4	303000	193000	10	11000	2	40	210	157000	993	< 0.1	9	< 0.2	1110	< 0.2	25	< 10
172345	30	< 0.4	< 0.2	748000	42	< 10	< 0.4	349000	267000	10	10000	3	26	150	127000	674	< 0.1	7	< 0.2	1110	< 0.2	11	< 10
172346	30	< 0.4	< 0.2	673000	48	10	< 0.4	282000	257000	20	8000	4	18	130	145000	846	< 0.1	6	< 0.2	1220	< 0.2	17	< 10
172347	20	< 0.4	< 0.2	631000	11	< 10	< 0.4	316000	219000	< 10	5000	3	7	90	120000	307	< 0.1	< 2	< 0.2	1160	< 0.2	7	< 10
172348	10	< 0.4	< 0.2	772000	9	< 10	< 0.4	251000	135000	< 10	4000	< 2	6	80	144000	239	< 0.1	< 2	< 0.2	1420	< 0.2	10	< 10
172349	30	0.4	< 0.2	626000	22	30	< 0.4	251000	155000	< 10	9000	3	17	130	117000	590	< 0.1	4	< 0.2	1480	< 0.2	6	< 10

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172350	20	< 0.4	< 0.2	650000	10	< 10	< 0.4	237000	153000	< 10	5000	2	6	120	127000	306	< 0.1	< 2	< 0.2	1520	< 0.2	9	< 10
172351	20	< 0.4	< 0.2	797000	16	< 10	< 0.4	350000	262000	< 10	6000	< 2	< 5	90	125000	159	< 0.1	< 2	< 0.2	1590	< 0.2	14	< 10
172352	40	0.8	< 0.2	747000	44	10	0.6	339000	383000	10	10000	3	26	170	129000	1120	< 0.1	8	< 0.2	1110	< 0.2	20	< 10
172353	20	< 0.4	< 0.2	725000	29	40	< 0.4	271000	248000	< 10	6000	2	13	110	145000	347	< 0.1	4	< 0.2	1370	< 0.2	7	< 10
172354	40	0.6	< 0.2	692000	37	< 10	< 0.4	317000	393000	10	7000	< 2	28	130	147000	776	< 0.1	7	< 0.2	1190	< 0.2	12	< 10
172355	40	0.7	< 0.2	677000	37	< 10	< 0.4	309000	324000	10	10000	< 2	25	160	142000	1020	< 0.1	8	< 0.2	1140	< 0.2	12	10
172356	30	< 0.4	< 0.2	741000	29	< 10	< 0.4	279000	212000	10	8000	< 2	19	120	110000	644	< 0.1	5	< 0.2	1120	< 0.2	9	< 10
172357	40	0.7	< 0.2	653000	43	< 10	< 0.4	319000	319000	10	11000	< 2	27	140	130000	716	< 0.1	7	< 0.2	1290	< 0.2	18	< 10
172358	20	0.4	< 0.2	992000	21	10	< 0.4	332000	545000	< 10	10000	< 2	12	160	238000	383	< 0.1	3	< 0.2	1310	< 0.2	< 5	30
172359	30	0.5	< 0.2	745000	38	10	0.6	283000	242000	< 10	10000	2	25	140	145000	631	< 0.1	8	< 0.2	1310	< 0.2	10	20
172360	20	< 0.4	< 0.2	1580000	31	< 10	< 0.4	447000	828000	< 10	7000	< 2	19	140	284000	293	< 0.1	4	< 0.2	1720	< 0.2	13	100
172361	20	< 0.4	< 0.2	1060000	40	< 10	< 0.4	280000	502000	10	8000	2	14	140	173000	333	< 0.1	5	< 0.2	1330	< 0.2	17	< 10
172362	50	0.5	< 0.2	811000	38	< 10	< 0.4	294000	455000	10	12000	5	32	170	176000	658	< 0.1	8	< 0.2	1150	< 0.2	12	< 10
172363	20	0.4	< 0.2	990000	16	< 10	< 0.4	316000	860000	< 10	7000	3	13	110	182000	300	< 0.1	3	< 0.2	1250	< 0.2	8	10
172364	20	< 0.4	< 0.2	1040000	23	< 10	< 0.4	309000	585000	< 10	7000	< 2	16	90	148000	427	< 0.1	4	< 0.2	1160	< 0.2	< 5	< 10
172365	40	< 0.4	< 0.2	1370000	36	20	< 0.4	411000	567000	10	9000	3	23	160	219000	590	< 0.1	7	< 0.2	1300	< 0.2	20	< 10
172366	40	0.5	< 0.2	730000	28	< 10	< 0.4	255000	408000	< 10	9000	< 2	22	150	117000	524	< 0.1	6	< 0.2	830	< 0.2	13	< 10
172367	20	< 0.4	< 0.2	1210000	24	< 10	< 0.4	395000	176000	< 10	7000	3	15	120	175000	284	< 0.1	3	< 0.2	1390	< 0.2	11	< 10
172368	30	< 0.4	< 0.2	1020000	17	10	0.5	374000	329000	< 10	6000	< 2	12	90	154000	294	< 0.1	3	< 0.2	1250	< 0.2	6	< 10
172369	20	< 0.4	< 0.2	922000	23	< 10	< 0.4	346000	401000	< 10	9000	2	18	90	192000	252	< 0.1	3	< 0.2	1200	< 0.2	< 5	< 10
172370	10	< 0.4	< 0.2	721000	8	< 10	< 0.4	255000	393000	< 10	7000	22	6	130	153000	289	0.2	2	< 0.2	910	< 0.2	19	10
172371	40	< 0.4	0.2	606000	27	< 10	< 0.4	226000	316000	< 10	7000	11	17	100	107000	776	0.2	5	< 0.2	790	< 0.2	24	40
172372	40	0.4	< 0.2	584000	21	< 10	< 0.4	230000	202000	10	7000	8	18	130	103000	702	0.1	5	< 0.2	800	< 0.2	20	50
172373	30	0.5	< 0.2	738000	19	< 10	< 0.4	288000	261000	< 10	8000	8	14	120	126000	638	0.5	5	< 0.2	1200	< 0.2	22	30
172374	20	< 0.4	< 0.2	685000	21	< 10	< 0.4	331000	414000	< 10	5000	6	12	120	90000	387	0.3	4	< 0.2	790	< 0.2	< 5	< 10
172375	30	< 0.4	< 0.2	944000	15	< 10	< 0.4	312000	445000	< 10	7000	4	12	150	141000	403	0.2	3	< 0.2	1310	< 0.2	8	20
172376	50	< 0.4	< 0.2	937000	26	< 10	0.6	514000	460000	< 10	12000	3	13	180	138000	545	0.2	6	< 0.2	1170	< 0.2	6	20
172377	50	0.6	< 0.2	740000	30	50	< 0.4	376000	506000	10	13000	5	19	150	121000	819	0.2	5	< 0.2	870	< 0.2	17	40
172378	30	< 0.4	< 0.2	676000	18	< 10	< 0.4	296000	382000	< 10	9000	4	18	100	111000	560	0.1	4	< 0.2	930	< 0.2	10	20
172379	40	0.5	< 0.2	606000	21	< 10	< 0.4	283000	352000	20	10000	3	16	110	123000	574	0.1	4	< 0.2	910	< 0.2	< 5	20
172380	50	0.9	< 0.2	689000	48	< 10	0.6	198000	381000	10	8000	4	41	180	120000	1630	0.3	11	< 0.2	1000	< 0.2	14	40
172381	40	0.7	< 0.2	837000	43	< 10	< 0.4	392000	410000	< 10	10000	6	23	200	158000	1290	0.2	7	< 0.2	1240	< 0.2	19	40
172382	30	0.7	0.6	585000	25	< 10	< 0.4	267000	363000	10	9000	4	17	110	98000	739	< 0.1	5	< 0.2	870	< 0.2	< 5	20
172383	40	0.8	< 0.2	702000	28	< 10	< 0.4	248000	321000	10	9000	4	18	130	147000	784	0.1	6	< 0.2	1050	< 0.2	10	20
172384	30	0.4	< 0.2	815000	16	< 10	< 0.4	315000	406000	< 10	9000	3	17	100	117000	468	< 0.1	2	< 0.2	1070	< 0.2	5	20
172385	30	0.6	< 0.2	711000	22	< 10	< 0.4	315000	342000	< 10	7000	4	22	130	121000	823	< 0.1	5	< 0.2	840	< 0.2	10	30
172386	20	< 0.4	< 0.2	1150000	36	10	< 0.4	485000	562000	< 10	7000	2	27	160	242000	306	0.2	7	< 0.2	1410	< 0.2	< 5	120
172387	20	< 0.4	0.5	894000	10	< 10	< 0.4	252000	298000	< 10	8000	2	11	90	147000	336	0.1	4	< 0.2	1170	< 0.2	< 5	10
172388	20	0.6	< 0.2	855000	64	< 10	< 0.4	293000	463000	< 10	7000	4	14	170	110000	708	< 0.1	4	< 0.2	1110	< 0.2	< 5	30
172389	30	0.6	< 0.2	617000	70	< 10	< 0.4	249000	400000	10	8000	4	21	190	137000	694	0.1	6	< 0.2	910	< 0.2	16	20
172390	20	< 0.4	< 0.2	1030000	64	< 10	< 0.4	282000	370000	< 10	6000	< 2	14	110	144000	382	< 0.1	5	< 0.2	1150	< 0.2	< 5	< 10
172391	30	< 0.4	< 0.2	813000	29	< 10	< 0.4	231000	270000	< 10	7000	5	14	130	101000	497	0.1	5	< 0.2	1040	< 0.2	< 5	30
172392	50	< 0.4	< 0.2	682000	32	< 10	< 0.4	190000	407000	10	11000	3	27	150	123000	710	0.2	7	< 0.2	860	< 0.2	11	30
172393	20	0.4	< 0.2	777000	33	< 10	< 0.4	339000	499000	< 10	8000	4	15	320	126000	574	0.1	5	< 0.2	980	< 0.2	9	30
172394	30	< 0.4	< 0.2	909000	21	< 10	< 0.4	372000	547000	< 10	6000	< 2	15	120	143000	523	< 0.1	5	< 0.2	1000	< 0.2	13	20
172395	30	< 0.4	< 0.2	800000	14	10	< 0.4	287000	252000	< 10	7000	3	8	140	107000	387	< 0.1	3	< 0.2	1000	< 0.2	8	< 10
172396	< 10	< 0.4	< 0.2	749000	8	< 10	< 0.4	255000	372000	< 10	5000	3	< 5	60	154000	246	< 0.1	< 2	< 0.2	690	< 0.2	< 5	< 10
172397	20	< 0.4	< 0.2	785000	16	< 10	< 0.4	233000	402000	< 10	6000	3	13	100	143000	349	< 0.1	3	< 0.2	840	< 0.2	31	20
172398	30	0.5	< 0.2	852000	30	< 10	< 0.4	270000	536000	< 10	9000	3	24	150	181000	883	0.2	7	< 0.2	990	< 0.2	15	20
172399	30	< 0.4	< 0.2	971000	38	< 10	0.4	328000	473000	10	8000	3	20	180	155000	639	< 0.1	5	< 0.2	1280	< 0.2	12	< 10

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172400	20	< 0.4	< 0.2	918000	15	< 10	< 0.4	283000	611000	< 10	6000	2	7	100	124000	251	0.2	< 2	< 0.2	1160	< 0.2	< 5	< 10
172401	40	0.6	0.5	755000	31	< 10	< 0.4	302000	142000	< 10	9000	4	18	130	131000	628	0.1	6	< 0.2	1300	< 0.2	10	30
172402	10	< 0.4	< 0.2	767000	7	< 10	< 0.4	268000	322000	< 10	24000	< 2	9	70	102000	233	0.1	< 2	< 0.2	950	< 0.2	< 5	10
172403	40	0.6	< 0.2	702000	85	< 10	< 0.4	219000	293000	10	11000	5	18	230	116000	675	0.1	5	< 0.2	980	< 0.2	< 5	40
172404	40	0.4	< 0.2	807000	46	< 10	< 0.4	245000	305000	10	8000	< 2	19	350	130000	743	< 0.1	5	< 0.2	1110	< 0.2	9	20
172405	40	< 0.4	< 0.2	779000	29	< 10	< 0.4	340000	341000	< 10	8000	< 2	15	170	145000	514	< 0.1	4	< 0.2	930	< 0.2	9	30
172406	30	< 0.4	< 0.2	725000	17	< 10	< 0.4	347000	424000	< 10	8000	3	8	100	137000	378	0.1	2	< 0.2	800	< 0.2	< 5	10
172407	20	< 0.4	< 0.2	809000	10	< 10	< 0.4	287000	325000	< 10	5000	2	6	90	120000	254	0.2	< 2	< 0.2	1090	< 0.2	< 5	< 10
172408	20	< 0.4	< 0.2	762000	21	< 10	< 0.4	296000	334000	< 10	7000	< 2	7	90	124000	444	0.1	2	< 0.2	1030	< 0.2	8	< 10
172409	30	< 0.4	< 0.2	872000	38	< 10	0.4	301000	407000	< 10	8000	3	13	200	151000	504	< 0.1	3	< 0.2	1090	< 0.2	6	30
172410	10	< 0.4	< 0.2	1010000	15	< 10	< 0.4	350000	424000	< 10	6000	2	6	60	150000	256	< 0.1	< 2	< 0.2	1240	< 0.2	< 5	< 10
172411	30	< 0.4	< 0.2	798000	17	< 10	< 0.4	272000	419000	< 10	8000	3	8	110	150000	388	0.1	4	< 0.2	1110	< 0.2	< 5	30
172412	30	< 0.4	< 0.2	837000	15	< 10	< 0.4	420000	301000	< 10	8000	2	12	100	155000	437	0.1	3	< 0.2	1100	< 0.2	< 5	10
172413	20	< 0.4	< 0.2	739000	18	< 10	< 0.4	289000	296000	< 10	6000	3	8	100	138000	349	0.1	3	< 0.2	1090	< 0.2	< 5	10
172414	20	< 0.4	< 0.2	586000	17	< 10	< 0.4	289000	261000	< 10	6000	3	11	100	130000	390	< 0.1	2	< 0.2	790	< 0.2	8	30
172415	10	< 0.4	< 0.2	813000	16	< 10	< 0.4	309000	149000	< 10	7000	3	10	190	178000	241	< 0.1	2	< 0.2	1200	< 0.2	< 5	< 10
172416	30	0.5	< 0.2	853000	25	10	< 0.4	354000	356000	10	8000	2	16	160	152000	664	0.1	5	< 0.2	940	< 0.2	< 5	< 10
172417	30	< 0.4	< 0.2	702000	35	< 10	< 0.4	230000	356000	< 10	6000	4	14	450	117000	5360	< 0.1	5	< 0.2	870	< 0.2	33	10
172418	20	< 0.4	< 0.2	664000	13	< 10	< 0.4	260000	430000	< 10	7000	4	13	120	104000	362	< 0.1	3	< 0.2	810	< 0.2	6	10
172419	20	< 0.4	< 0.2	735000	16	< 10	< 0.4	322000	348000	< 10	8000	3	9	110	130000	308	< 0.1	2	< 0.2	1060	< 0.2	< 5	< 10
172420	30	< 0.4	< 0.2	736000	19	< 10	< 0.4	304000	355000	< 10	8000	< 2	14	130	130000	536	0.1	4	< 0.2	920	< 0.2	9	20
172421	30	0.7	< 0.2	1930000	54	20	0.5	520000	717000	20	10000	4	44	250	287000	562	< 0.1	9	< 0.2	1960	< 0.2	11	180
172422	30	0.4	0.6	881000	40	< 10	< 0.4	296000	384000	< 10	7000	4	31	200	132000	1060	< 0.1	8	< 0.2	1220	< 0.2	21	70
172423	20	< 0.4	< 0.2	1830000	18	< 10	< 0.4	610000	803000	< 10	7000	3	13	220	328000	356	< 0.1	3	< 0.2	1960	< 0.2	5	120
172424	20	< 0.4	< 0.2	882000	8	10	< 0.4	397000	380000	< 10	6000	3	9	90	153000	310	0.1	3	< 0.2	1170	< 0.2	13	20
172425	20	< 0.4	< 0.2	839000	13	< 10	< 0.4	302000	264000	< 10	6000	2	8	140	114000	399	< 0.1	2	< 0.2	1220	< 0.2	13	< 10
172426	30	0.5	< 0.2	695000	34	< 10	0.6	327000	354000	< 10	8000	4	19	150	118000	833	< 0.1	8	< 0.2	1110	< 0.2	19	30
172427	40	0.6	< 0.2	650000	23	10	0.6	238000	324000	< 10	7000	3	14	150	111000	676	< 0.1	4	< 0.2	880	< 0.2	15	40
172428	30	< 0.4	< 0.2	1400000	35	10	< 0.4	380000	903000	< 10	9000	3	22	190	231000	734	0.1	6	< 0.2	1400	< 0.2	11	120
172429	30	< 0.4	< 0.2	804000	19	< 10	< 0.4	298000	415000	< 10	7000	2	8	150	124000	440	< 0.1	2	< 0.2	1090	< 0.2	27	20
172430	20	< 0.4	< 0.2	756000	13	< 10	< 0.4	295000	236000	< 10	7000	< 2	13	120	86000	419	0.1	< 2	< 0.2	1020	< 0.2	27	30
172431	40	0.6	< 0.2	820000	17	< 10	< 0.4	265000	350000	< 10	7000	2	13	200	147000	636	0.2	4	< 0.2	1110	< 0.2	30	40
172432	30	< 0.4	< 0.2	844000	14	< 10	< 0.4	363000	329000	< 10	6000	3	9	140	140000	458	< 0.1	3	< 0.2	1410	< 0.2	31	30
172433	30	0.5	< 0.2	831000	29	< 10	< 0.4	298000	483000	< 10	9000	2	20	260	162000	1040	0.1	7	< 0.2	1380	< 0.2	28	50
172434	30	< 0.4	< 0.2	1900000	56	10	< 0.4	635000	387000	< 10	7000	2	12	150	147000	685	0.1	5	< 0.2	3350	< 0.2	44	60
172435	40	1.0	< 0.2	939000	48	< 10	< 0.4	372000	325000	10	10000	3	31	210	145000	1320	< 0.1	9	< 0.2	1500	< 0.2	37	60
172436	30	0.6	< 0.2	774000	21	< 10	< 0.4	234000	363000	< 10	7000	3	16	120	122000	627	0.2	4	< 0.2	1030	< 0.2	7	30
172437	20	< 0.4	< 0.2	858000	12	< 10	< 0.4	243000	246000	< 10	6000	2	8	90	110000	370	< 0.1	2	< 0.2	1050	< 0.2	< 5	30
172438	20	< 0.4	< 0.2	656000	12	< 10	< 0.4	219000	265000	< 10	4000	2	9	70	103000	434	0.2	2	< 0.2	1010	< 0.2	9	< 10
172439	30	< 0.4	< 0.2	728000	21	10	< 0.4	320000	279000	< 10	123000	4	11	120	159000	587	< 0.1	3	< 0.2	1390	< 0.2	15	40
172440	20	< 0.4	< 0.2	836000	22	< 10	< 0.4	444000	269000	< 10	6000	3	9	130	166000	449	< 0.1	3	< 0.2	1380	< 0.2	14	10
172441	20	< 0.4	< 0.2	942000	6	< 10	< 0.4	373000	289000	< 10	5000	2	< 5	80	124000	398	< 0.1	< 2	< 0.2	1380	< 0.2	12	20
172442	30	0.6	< 0.2	773000	26	< 10	< 0.4	285000	293000	< 10	11000	4	18	140	115000	763	< 0.1	5	< 0.2	1090	< 0.2	12	30
172443	30	0.6	0.5	564000	33	< 10	< 0.4	261000	233000	< 10	7000	< 2	23	160	94000	1040	< 0.1	7	< 0.2	930	< 0.2	11	50
172444	10	< 0.4	< 0.2	843000	6	< 10	< 0.4	265000	348000	< 10	5000	< 2	< 5	80	97000	383	0.2	< 2	< 0.2	1220	< 0.2	< 5	< 10
172445	30	0.8	< 0.2	719000	33	30	< 0.4	253000	561000	10	8000	3	23	150	91000	978	0.1	6	< 0.2	1060	< 0.2	8	40
172446	30	0.4	< 0.2	941000	25	< 10	< 0.4	261000	515000	< 10	8000	3	12	150	139000	691	0.1	5	< 0.2	1490	< 0.2	22	50
172447	50	0.6	< 0.2	691000	42	< 10	< 0.4	249000	215000	10	13000	4	32	170	164000	1430	< 0.1	8	< 0.2	1020	< 0.2	9	60
172448	20	< 0.4	< 0.2	756000	20	< 10	< 0.4	276000	301000	< 10	14000	3	14	120	121000	555	< 0.1	5	< 0.2	1360	< 0.2	10	20

Results

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172001	85	< 30	4390	< 1	8	11	24	2100	19.5	2.5	18.4	530	20	220	15	50800	140
172002	44	< 30	14100	1	6	8	10	1200	13.1	1.5	12.0	350	8	152	10	63800	110
172003	34	< 30	7820	< 1	4	8	< 1	1400	11.8	0.9	10.5	320	8	130	9	62000	80
172004	30	< 30	3870	< 1	4	17	10	600	14.9	0.8	7.1	170	< 5	82	6	55100	50
172005	24	40	68700	< 1	3	24	20	1000	9.6	0.8	6.2	180	< 5	74	5	55500	70
172006	14	< 30	8630	< 1	< 2	20	24	900	8.4	0.4	4.2	110	< 5	43	< 3	81100	50
172007	9	< 30	3040	< 1	< 2	11	16	400	7.5	0.3	2.0	60	< 5	27	< 3	58000	40
172008	11	< 30	3820	< 1	< 2	12	9	400	8.1	0.4	3.0	100	10	42	< 3	53500	40
172009	8	< 30	3030	< 1	< 2	11	3	300	8.6	0.2	1.8	60	< 5	19	< 3	43300	30
172010	7	< 30	5340	< 1	< 2	7	15	800	15.5	0.5	3.2	100	5	40	< 3	56600	40
172011	12	< 30	92000	< 1	< 2	39	5	700	11.0	0.5	3.4	110	< 5	41	3	72500	40
172012	6	< 30	24200	< 1	< 2	21	< 1	600	7.7	0.2	2.0	40	< 5	17	< 3	77500	30
172013	7	< 30	14500	< 1	< 2	16	< 1	300	7.9	0.2	2.0	50	18	22	< 3	52900	30
172014	3	< 30	77200	< 1	< 2	46	15	200	5.8	0.4	1.5	40	< 5	14	< 3	39800	20
172015	7	< 30	13400	< 1	< 2	17	20	300	6.2	0.2	2.3	70	< 5	17	< 3	56300	30
172016	3	< 30	65800	< 1	< 2	29	13	400	4.1	0.1	1.5	30	< 5	10	< 3	30700	< 20
172017	5	< 30	11300	< 1	< 2	17	16	200	3.8	< 0.1	1.6	40	6	21	< 3	58400	20
172018	7	< 30	28600	< 1	< 2	18	16	400	7.8	0.3	2.4	80	7	21	< 3	63000	30
172019	< 2	< 30	9230	< 1	< 2	12	28	500	12.8	0.1	1.5	20	9	9	< 3	54400	20
172020	4	< 30	20200	< 1	< 2	12	21	600	8.9	0.1	2.1	70	< 5	23	< 3	52400	20
172021	10	< 30	27100	< 1	< 2	19	18	700	12.6	0.3	3.5	110	< 5	27	< 3	90300	30
172022	6	< 30	23400	< 1	< 2	17	17	400	11.6	0.4	12.2	70	8	17	< 3	88700	20
172023	4	< 30	6700	< 1	< 2	10	13	300	17.5	0.1	1.3	20	< 5	9	< 3	65500	< 20
172024	4	< 30	40900	< 1	< 2	20	12	300	12.6	0.2	1.5	30	< 5	10	< 3	84700	< 20
172025	7	< 30	20100	< 1	< 2	21	13	600	10.7	0.2	2.9	90	< 5	32	< 3	85600	40
172026	6	< 30	115000	< 1	< 2	38	10	400	13.3	0.2	2.0	40	< 5	18	< 3	57500	20
172027	4	< 30	114000	< 1	< 2	72	11	< 200	10.9	0.2	1.6	40	< 5	15	< 3	90100	< 20
172028	4	< 30	66100	< 1	< 2	36	22	300	19.3	< 0.1	1.4	30	< 5	13	< 3	53300	20
172029	3	< 30	40800	< 1	< 2	23	15	< 200	40.6	0.1	0.6	< 20	< 5	7	< 3	94900	< 20
172030	< 2	< 30	28600	< 1	< 2	27	9	< 200	23.9	< 0.1	1.0	< 20	< 5	10	< 3	94300	< 20
172031	3	< 30	25600	< 1	< 2	21	11	< 200	18.0	< 0.1	1.3	30	< 5	18	< 3	105000	< 20
172032	4	< 30	14900	< 1	< 2	24	11	300	10.3	0.2	1.8	30	< 5	9	< 3	48200	20
172033	2	< 30	33600	< 1	< 2	20	9	< 200	7.2	0.1	1.6	30	< 5	15	< 3	49300	< 20
172034	5	< 30	5510	< 1	< 2	15	7	400	10.6	0.1	2.0	30	< 5	15	< 3	59700	< 20
172035	3	< 30	2290	< 1	< 2	8	5	< 200	6.6	0.1	1.0	< 20	< 5	8	< 3	58000	< 20
172036	3	< 30	3190	< 1	< 2	14	7	< 200	6.8	0.2	0.8	< 20	7	10	< 3	46600	< 20
172037	< 2	< 30	2940	< 1	< 2	10	7	300	5.7	0.2	1.0	< 20	< 5	13	< 3	46100	< 20
172038	4	< 30	2730	< 1	< 2	9	11	200	6.4	0.2	2.3	20	< 5	11	< 3	55600	30
172039	6	< 30	2270	< 1	< 2	9	18	300	16.4	0.2	1.7	30	< 5	11	< 3	35500	20
172040	< 2	< 30	2560	< 1	< 2	7	13	< 200	15.3	0.2	0.8	< 20	< 5	8	< 3	51800	< 20
172041	< 2	< 30	6560	< 1	< 2	8	13	< 200	12.0	0.1	0.9	20	< 5	10	< 3	45900	< 20
172042	5	< 30	85400	< 1	< 2	33	8	700	9.3	0.2	1.9	40	< 5	23	< 3	66700	20
172043	3	< 30	27600	< 1	< 2	32	11	< 200	9.0	< 0.1	1.4	30	< 5	13	< 3	90200	< 20
172044	< 2	< 30	6860	< 1	< 2	< 5	9	< 200	16.3	< 0.1	1.1	60	< 5	11	< 3	54000	< 20
172045	4	< 30	29300	< 1	< 2	< 5	7	< 200	12.1	< 0.1	2.0	60	< 5	13	< 3	95000	< 20
172046	5	< 30	153000	< 1	< 2	11	6	600	10.9	< 0.1	1.7	70	< 5	20	< 3	92700	20
172047	3	< 30	80100	< 1	< 2	< 5	4	< 200	7.1	0.2	1.5	40	< 5	13	< 3	87100	< 20
172048	4	< 30	27400	< 1	< 2	< 5	6	600	6.4	0.2	2.2	80	< 5	20	< 3	94500	30
172049	< 2	< 30	31000	2	< 2	< 5	5	< 200	13.3	< 0.1	0.7	30	< 5	6	< 3	93600	< 20

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172050	4	< 30	26200	< 1	< 2	< 5	6	500	9.0	< 0.1	1.7	50	10	13	< 3	90600	< 20
172051	7	< 30	81000	< 1	< 2	12	14	900	8.9	0.3	2.3	90	< 5	28	< 3	73700	30
172052	3	< 30	133000	< 1	< 2	16	8	< 200	5.0	0.2	1.2	40	< 5	13	< 3	54700	< 20
172053	8	< 30	33700	< 1	< 2	< 5	11	700	7.2	0.4	2.6	130	< 5	23	< 3	74100	30
172054	< 2	< 30	28100	< 1	< 2	< 5	6	< 200	7.5	0.1	0.7	30	< 5	< 4	< 3	56300	< 20
172055	< 2	< 30	92100	< 1	< 2	6	4	200	4.7	0.1	1.3	40	27	10	< 3	56200	< 20
172056	3	< 30	100000	< 1	< 2	26	7	400	7.7	< 0.1	1.7	60	7	16	< 3	63600	< 20
172057	< 2	< 30	29600	< 1	< 2	< 5	6	< 200	7.1	0.1	2.1	50	< 5	9	< 3	73800	< 20
172058	< 2	< 30	35800	< 1	< 2	14	7	300	10.1	< 0.1	1.1	30	< 5	4	< 3	100000	< 20
172059	5	< 30	122000	< 1	< 2	27	5	300	5.7	< 0.1	1.4	50	< 5	9	< 3	81000	< 20
172060	< 2	< 30	51300	< 1	< 2	11	5	200	10.8	0.1	1.2	40	6	9	< 3	118000	< 20
172061	6	< 30	29400	< 1	< 2	< 5	16	500	9.2	0.3	2.2	60	7	17	< 3	83000	30
172062	4	< 30	37200	< 1	< 2	7	10	300	9.2	< 0.1	1.2	50	< 5	17	< 3	106000	< 20
172063	< 2	< 30	13500	< 1	< 2	< 5	6	< 200	6.2	< 0.1	< 0.5	20	< 5	< 4	< 3	49600	< 20
172064	< 2	< 30	15600	< 1	< 2	< 5	8	300	6.2	< 0.1	1.6	50	< 5	10	< 3	68900	< 20
172065	< 2	< 30	20600	< 1	< 2	7	5	< 200	9.8	< 0.1	< 0.5	< 20	< 5	5	< 3	33600	< 20
172066	4	< 30	6820	< 1	< 2	< 5	6	200	9.1	< 0.1	0.9	30	< 5	8	< 3	80900	< 20
172067	< 2	< 30	4450	< 1	< 2	< 5	6	300	11.0	< 0.1	1.2	40	< 5	7	< 3	47800	< 20
172068	3	< 30	3490	< 1	< 2	< 5	5	< 200	7.9	< 0.1	0.7	20	< 5	6	< 3	50300	< 20
172069	4	< 30	2560	< 1	< 2	< 5	5	300	7.9	0.1	2.6	80	< 5	18	< 3	67600	< 20
172070	2	< 30	5100	< 1	< 2	7	6	400	6.4	0.2	1.4	60	< 5	15	< 3	67700	< 20
172071	< 2	< 30	4160	< 1	< 2	< 5	14	200	11.0	< 0.1	1.2	50	8	9	< 3	52600	< 20
172072	< 2	< 30	2710	< 1	< 2	< 5	10	300	8.2	< 0.1	0.7	40	< 5	5	< 3	57600	< 20
172073	4	< 30	3250	< 1	< 2	< 5	7	300	8.7	0.2	1.6	30	< 5	10	< 3	69200	< 20
172074	2	< 30	3910	< 1	< 2	< 5	6	< 200	9.3	0.2	1.0	30	< 5	< 4	< 3	76900	< 20
172075	6	< 30	5130	< 1	< 2	< 5	7	200	6.3	< 0.1	1.8	60	< 5	13	< 3	65400	20
172076	< 2	< 30	3790	< 1	< 2	< 5	7	300	4.7	0.2	1.8	50	< 5	9	< 3	52100	20
172077	7	< 30	4590	< 1	< 2	< 5	7	900	4.5	0.4	2.8	120	< 5	32	< 3	51700	30
172078	4	< 30	4830	< 1	< 2	< 5	8	500	8.3	0.2	1.6	60	< 5	10	< 3	86600	< 20
172079	12	< 30	4660	< 1	< 2	< 5	8	900	5.2	0.4	3.8	160	< 5	33	< 3	50400	40
172080	2	< 30	3820	< 1	< 2	< 5	5	< 200	3.4	< 0.1	0.5	30	< 5	< 4	< 3	69500	< 20
172081	< 2	< 30	4010	< 1	< 2	< 5	15	300	9.5	< 0.1	0.9	30	< 5	7	< 3	74500	< 20
172082	< 2	< 30	4860	< 1	< 2	< 5	8	< 200	10.0	0.2	1.8	40	< 5	21	< 3	66500	< 20
172083	4	< 30	4980	< 1	< 2	< 5	10	< 200	8.0	0.1	0.6	20	< 5	< 4	< 3	78900	< 20
172084	6	40	2800	< 1	< 2	< 5	9	400	5.5	0.4	2.6	100	< 5	24	< 3	70800	30
172085	8	< 30	4240	< 1	< 2	8	8	300	7.3	0.3	2.2	70	< 5	11	< 3	57200	< 20
172086	3	< 30	1960	7	< 2	< 5	25	< 200	15.2	0.2	1.7	< 20	17	6	< 3	38400	< 20
172087	< 2	< 30	2100	4	< 2	< 5	11	< 200	17.6	< 0.1	1.0	< 20	16	< 4	< 3	42700	< 20
172088	2	< 30	2710	3	< 2	< 5	9	< 200	11.8	0.1	1.3	< 20	16	6	< 3	66000	< 20
172089	< 2	< 30	1770	2	< 2	< 5	3	200	15.9	< 0.1	1.1	< 20	11	4	< 3	65300	< 20
172090	3	< 30	3330	2	< 2	< 5	< 1	200	10.3	< 0.1	1.6	20	9	10	< 3	51000	< 20
172091	3	< 30	5190	2	< 2	< 5	< 1	400	9.2	0.2	2.3	30	15	182	< 3	82000	< 20
172092	< 2	< 30	4330	1	< 2	< 5	< 1	< 200	8.3	< 0.1	1.3	< 20	11	< 4	< 3	60500	< 20
172093	< 2	< 30	2780	1	< 2	< 5	< 1	< 200	8.4	< 0.1	0.6	< 20	13	4	< 3	43500	< 20
172094	3	< 30	3270	1	< 2	< 5	< 1	< 200	7.7	< 0.1	2.1	20	12	7	< 3	43200	< 20
172095	5	< 30	2350	1	< 2	< 5	< 1	500	6.6	0.1	2.1	50	11	15	< 3	82000	< 20
172096	< 2	< 30	2920	< 1	< 2	< 5	< 1	< 200	9.2	< 0.1	1.0	< 20	10	6	< 3	54100	< 20
172097	4	< 30	4150	1	< 2	< 5	2	500	10.9	< 0.1	2.0	30	11	9	< 3	60000	< 20
172098	6	< 30	5860	1	< 2	< 5	21	800	9.3	0.3	3.6	70	11	24	< 3	65900	< 20
172099	3	< 30	8000	1	< 2	< 5	20	500	10.5	0.1	3.1	50	13	12	< 3	53400	< 20

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172100	3	< 30	6950	< 1	< 2	< 5	13	400	11.4	0.3	1.9	40	8	14	< 3	81000	< 20
172101	< 2	< 30	4180	< 1	< 2	< 5	13	200	13.6	< 0.1	1.4	< 20	9	4	< 3	75800	< 20
172102	< 2	< 30	1650	< 1	< 2	< 5	4	< 200	8.3	< 0.1	0.6	< 20	< 5	4	< 3	60300	< 20
172103	< 2	< 30	3790	< 1	< 2	< 5	8	< 200	20.8	< 0.1	0.6	< 20	7	< 4	< 3	57200	< 20
172104	< 2	< 30	2310	< 1	< 2	< 5	6	< 200	20.5	< 0.1	0.8	< 20	8	5	< 3	46000	< 20
172105	7	< 30	3290	< 1	< 2	< 5	14	800	21.5	0.4	3.9	130	11	30	< 3	69100	< 20
172106	4	< 30	1950	< 1	< 2	< 5	11	300	16.4	< 0.1	1.0	30	13	9	< 3	49500	< 20
172107	3	< 30	2300	< 1	< 2	< 5	17	< 200	12.6	< 0.1	0.6	< 20	9	5	< 3	58000	< 20
172108	< 2	< 30	1860	< 1	< 2	< 5	8	< 200	9.1	< 0.1	1.0	< 20	11	< 4	< 3	50700	< 20
172109	3	< 30	2260	< 1	< 2	< 5	7	300	7.2	0.2	1.4	30	12	9	< 3	60900	< 20
172110	2	< 30	2770	< 1	< 2	< 5	6	< 200	9.4	< 0.1	1.0	< 20	11	7	< 3	65300	< 20
172111	4	< 30	2910	< 1	< 2	< 5	7	300	11.9	0.1	1.5	40	11	11	< 3	86500	< 20
172112	4	< 30	3130	< 1	< 2	< 5	7	400	8.1	< 0.1	1.7	40	9	12	< 3	59100	< 20
172113	3	< 30	1470	< 1	< 2	< 5	5	< 200	4.7	< 0.1	0.7	< 20	11	< 4	< 3	31100	< 20
172114	< 2	< 30	3100	< 1	< 2	< 5	6	200	9.8	< 0.1	1.1	30	11	5	< 3	79100	< 20
172115	3	< 30	3070	< 1	< 2	< 5	5	< 200	10.5	< 0.1	0.6	< 20	10	5	< 3	84200	< 20
172116	< 2	< 30	2550	< 1	< 2	< 5	5	300	7.0	< 0.1	1.2	30	9	8	< 3	44500	< 20
172117	4	< 30	3130	< 1	< 2	< 5	16	400	13.9	< 0.1	1.6	50	12	11	< 3	89200	< 20
172118	< 2	< 30	2080	< 1	< 2	< 5	8	< 200	10.6	< 0.1	1.1	< 20	6	5	< 3	45100	< 20
172119	4	< 30	5580	< 1	< 2	< 5	9	300	9.2	0.1	1.3	40	10	13	< 3	88200	< 20
172120	< 2	< 30	2910	< 1	< 2	< 5	10	< 200	13.4	< 0.1	1.0	< 20	11	7	< 3	74200	< 20
172121	< 2	< 30	11500	< 1	< 2	< 5	6	300	4.3	0.1	1.4	< 20	9	8	< 3	88400	< 20
172122	6	< 30	40500	< 1	< 2	< 5	7	800	3.1	0.3	2.2	70	12	19	< 3	82000	< 20
172123	8	< 30	20100	< 1	< 2	< 5	10	600	6.0	0.3	2.7	90	10	28	< 3	86800	< 20
172124	8	< 30	27600	< 1	< 2	10	10	500	9.3	0.2	2.8	100	9	26	< 3	82000	< 20
172125	< 2	< 30	77200	< 1	< 2	29	5	200	6.3	< 0.1	0.9	< 20	< 5	8	< 3	60100	< 20
172126	2	< 30	5850	< 1	< 2	< 5	4	300	7.3	0.1	1.7	30	8	8	< 3	65900	< 20
172127	2	< 30	3640	< 1	< 2	< 5	5	300	12.7	0.1	1.2	30	6	9	< 3	35300	< 20
172128	4	< 30	2730	2	< 2	5	38	300	13.3	< 0.1	0.7	20	< 5	6	< 3	44900	30
172129	< 2	< 30	4200	1	< 2	< 5	25	< 200	11.4	< 0.1	< 0.5	< 20	6	4	< 3	68700	< 20
172130	2	< 30	5060	< 1	< 2	< 5	17	< 200	53.0	0.1	< 0.5	< 20	< 5	< 4	< 3	101000	< 20
172131	< 2	< 30	5170	< 1	< 2	5	18	< 200	37.8	< 0.1	< 0.5	< 20	6	4	< 3	40800	< 20
172132	2	< 30	75500	< 1	< 2	35	12	200	12.6	< 0.1	0.7	< 20	< 5	5	< 3	42600	< 20
172133	3	< 30	140000	< 1	< 2	58	12	600	5.9	0.1	< 0.5	20	< 5	6	< 3	37300	< 20
172134	2	< 30	101000	< 1	< 2	59	12	400	9.2	< 0.1	< 0.5	20	< 5	6	< 3	74400	< 20
172135	< 2	< 30	173000	< 1	< 2	91	11	< 200	3.7	< 0.1	< 0.5	< 20	14	< 4	< 3	81300	< 20
172136	2	< 30	38400	< 1	< 2	49	14	400	4.1	< 0.1	1.0	50	7	19	< 3	75300	20
172137	< 2	< 30	12100	< 1	< 2	18	8	< 200	3.3	< 0.1	< 0.5	30	< 5	6	< 3	48800	< 20
172138	< 2	< 30	17900	< 1	< 2	14	10	< 200	2.8	< 0.1	< 0.5	< 20	19	5	< 3	78400	< 20
172139	< 2	< 30	4240	< 1	< 2	9	24	300	16.2	0.2	0.6	30	6	7	< 3	55100	< 20
172140	< 2	< 30	5180	< 1	< 2	10	15	< 200	11.4	< 0.1	< 0.5	< 20	7	6	< 3	64200	< 20
172141	< 2	< 30	3640	< 1	< 2	9	15	< 200	5.8	< 0.1	< 0.5	< 20	< 5	5	< 3	37200	< 20
172142	7	< 30	11400	< 1	< 2	14	12	800	6.2	0.2	2.7	130	9	33	< 3	80800	50
172143	3	< 30	2830	< 1	< 2	< 5	7	300	1.7	< 0.1	0.7	30	< 5	12	< 3	44200	20
172144	5	< 30	2790	< 1	< 2	< 5	10	300	1.5	0.3	2.0	80	< 5	24	< 3	61800	30
172145	3	< 30	2340	< 1	< 2	9	9	300	2.0	0.1	0.5	30	< 5	9	< 3	68900	< 20
172146	3	< 30	3450	< 1	< 2	8	11	300	< 0.5	< 0.1	0.5	40	< 5	9	< 3	62700	< 20
172147	2	< 30	4320	< 1	< 2	< 5	9	200	2.0	0.2	0.6	40	< 5	10	< 3	56800	20
172148	7	< 30	4820	< 1	< 2	7	9	500	1.5	0.3	1.2	60	< 5	11	< 3	70800	30
172149	5	< 30	5250	< 1	< 2	6	17	400	6.0	0.1	1.4	40	6	22	< 3	59500	20

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172150	4	< 30	17400	< 1	< 2	13	11	400	3.6	0.2	1.6	60	< 5	18	< 3	95100	30
172151	3	< 30	7220	< 1	< 2	5	11	600	5.8	0.2	1.3	50	< 5	18	< 3	50800	< 20
172152	7	< 30	6770	< 1	< 2	< 5	13	700	5.7	0.2	2.2	80	< 5	24	< 3	73700	30
172153	2	< 30	4500	< 1	< 2	< 5	11	< 200	5.9	< 0.1	0.7	20	< 5	7	< 3	65700	30
172154	2	< 30	3680	< 1	< 2	7	7	300	3.5	< 0.1	< 0.5	< 20	< 5	8	< 3	49600	< 20
172155	< 2	< 30	3540	< 1	< 2	6	7	< 200	3.6	< 0.1	< 0.5	< 20	< 5	6	< 3	45500	< 20
172156	< 2	< 30	8110	< 1	< 2	10	7	< 200	< 0.5	< 0.1	0.6	20	< 5	7	< 3	41500	< 20
172157	4	< 30	10200	< 1	< 2	5	7	200	< 0.5	< 0.1	1.0	40	< 5	13	< 3	46500	30
172158	2	< 30	6330	< 1	< 2	11	5	< 200	< 0.5	< 0.1	< 0.5	< 20	< 5	6	< 3	49600	< 20
172159	4	< 30	40400	< 1	< 2	11	14	300	3.3	0.1	0.6	< 20	< 5	5	< 3	53400	< 20
172160	7	< 30	15800	< 1	< 2	18	12	400	0.5	0.2	1.5	60	< 5	13	< 3	84600	< 20
172161	< 2	< 30	72000	< 1	< 2	26	9	< 200	8.9	< 0.1	< 0.5	< 20	< 5	4	< 3	65500	< 20
172162	< 2	< 30	13100	< 1	< 2	27	9	< 200	1.9	< 0.1	0.6	20	< 5	8	< 3	48800	< 20
172163	3	< 30	3330	< 1	< 2	9	10	400	5.9	0.1	1.1	50	< 5	14	< 3	59700	20
172164	9	< 30	3670	< 1	< 2	< 5	8	600	< 0.5	0.2	1.5	60	5	13	< 3	56600	20
172165	3	< 30	3380	< 1	< 2	< 5	6	200	< 0.5	< 0.1	0.8	< 20	< 5	9	< 3	82700	< 20
172166	2	< 30	3020	< 1	< 2	< 5	7	300	7.7	0.1	0.8	30	< 5	16	< 3	88600	50
172167	< 2	< 30	3760	< 1	< 2	< 5	5	300	< 0.5	< 0.1	0.9	30	13	10	< 3	87200	< 20
172168	5	< 30	3940	< 1	< 2	10	6	400	3.2	0.2	1.8	60	8	14	< 3	77700	< 20
172169	9	< 30	3240	< 1	< 2	13	14	1000	7.5	0.3	4.1	110	< 5	28	< 3	79300	40
172170	< 2	< 30	2270	< 1	< 2	10	8	< 200	4.8	< 0.1	< 0.5	< 20	< 5	< 4	< 3	43200	< 20
172171	3	< 30	3440	< 1	< 2	16	10	400	11.9	< 0.1	0.9	50	< 5	12	< 3	71900	40
172172	3	< 30	3300	< 1	< 2	7	7	400	5.1	0.2	0.8	40	< 5	12	< 3	76700	20
172173	2	< 30	3080	< 1	< 2	7	6	< 200	< 0.5	< 0.1	0.7	40	< 5	11	< 3	68100	< 20
172174	4	< 30	3200	< 1	< 2	< 5	5	< 200	1.0	< 0.1	< 0.5	30	< 5	16	< 3	59300	< 20
172175	3	< 30	3910	< 1	< 2	< 5	7	200	< 0.5	< 0.1	0.5	30	< 5	11	< 3	79700	30
172176	6	< 30	3120	< 1	< 2	< 5	7	800	< 0.5	0.2	1.6	60	< 5	16	< 3	71900	30
172177	< 2	< 30	2940	< 1	< 2	5	5	< 200	< 0.5	< 0.1	< 0.5	20	7	7	< 3	66300	< 20
172178	5	< 30	3340	< 1	< 2	6	5	< 200	1.8	< 0.1	0.6	30	< 5	10	< 3	70200	< 20
172179	3	< 30	3470	< 1	< 2	7	5	200	0.7	< 0.1	0.8	20	5	8	< 3	81500	< 20
172180	< 2	< 30	2190	< 1	< 2	9	11	300	7.0	0.1	0.6	30	< 5	7	< 3	54800	< 20
172181	< 2	< 30	1710	< 1	< 2	6	5	< 200	2.6	< 0.1	< 0.5	< 20	14	5	< 3	40400	< 20
172182	3	< 30	2520	< 1	< 2	5	6	300	5.5	0.2	0.8	40	< 5	12	< 3	36900	< 20
172183	2	< 30	2300	< 1	< 2	11	8	300	2.5	< 0.1	1.2	40	< 5	10	< 3	70300	20
172184	5	< 30	5060	< 1	< 2	95	10	800	9.8	0.2	2.2	90	< 5	19	< 3	80100	30
172185	4	< 30	4230	< 1	< 2	97	7	600	1.8	0.3	1.6	70	< 5	23	< 3	68900	30
172186	4	< 30	4800	< 1	< 2	41	6	200	1.4	0.1	0.7	30	< 5	8	< 3	52500	< 20
172187	8	< 30	4410	< 1	< 2	52	6	400	3.2	0.3	1.5	40	< 5	11	< 3	61000	30
172188	4	< 30	78000	< 1	< 2	67	5	300	2.9	< 0.1	< 0.5	30	< 5	9	< 3	148000	20
172189	4	< 30	23200	< 1	< 2	32	7	400	0.7	0.2	1.5	60	< 5	18	< 3	92500	30
172190	4	< 30	34900	< 1	< 2	23	7	300	< 0.5	0.2	1.4	60	< 5	14	< 3	95200	20
172191	< 2	< 30	46200	< 1	< 2	29	18	400	5.7	< 0.1	1.7	50	< 5	13	< 3	130000	30
172192	< 2	< 30	91000	< 1	< 2	43	11	< 200	1.2	0.2	< 0.5	< 20	< 5	5	< 3	36400	< 20
172193	< 2	< 30	40200	< 1	< 2	33	9	400	0.8	0.1	0.9	40	11	11	< 3	77900	< 20
172194	5	< 30	44000	< 1	< 2	36	9	400	< 0.5	0.1	1.2	60	< 5	16	< 3	118000	20
172195	< 2	< 30	83700	< 1	< 2	61	8	300	< 0.5	0.1	0.6	30	< 5	10	< 3	129000	< 20
172196	3	< 30	47800	< 1	< 2	45	7	400	< 0.5	0.2	0.9	50	< 5	11	< 3	109000	20
172197	3	< 30	49800	< 1	< 2	54	6	400	< 0.5	0.1	1.3	60	17	15	< 3	108000	30
172198	4	< 30	43400	< 1	< 2	51	6	400	0.5	0.3	1.0	60	< 5	18	< 3	111000	30
172199	< 2	< 30	43100	< 1	< 2	45	4	200	< 0.5	< 0.1	< 0.5	< 20	< 5	6	< 3	91600	< 20

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172200	< 2	< 30	69600	< 1	< 2	43	5	< 200	< 0.5	0.1	< 0.5	20	9	11	< 3	98200	< 20
172201	4	< 30	53200	< 1	< 2	24	17	300	7.5	0.1	0.7	< 20	< 5	9	< 3	63200	20
172202	3	< 30	33500	< 1	< 2	29	11	300	3.6	0.1	0.8	30	< 5	13	< 3	76000	< 20
172203	2	< 30	30000	< 1	< 2	28	9	300	4.1	0.3	1.2	40	< 5	14	< 3	97500	20
172204	4	< 30	54200	< 1	< 2	43	12	400	4.3	0.3	1.2	50	< 5	17	< 3	108000	< 20
172205	< 2	< 30	41600	< 1	< 2	39	8	400	5.4	0.2	0.8	50	< 5	14	< 3	100000	30
172206	3	< 30	32200	< 1	< 2	34	8	400	4.5	0.1	1.3	60	< 5	10	< 3	79400	20
172207	< 2	< 30	51800	< 1	< 2	45	6	200	2.7	< 0.1	0.5	< 20	< 5	8	< 3	99600	< 20
172208	< 2	< 30	33400	< 1	< 2	43	5	300	4.6	0.1	0.6	30	< 5	9	< 3	146000	< 20
172209	4	< 30	33400	2	< 2	< 5	40	400	17.8	0.2	0.7	40	10	12	< 3	96100	20
172210	5	< 30	34900	1	< 2	< 5	20	400	13.7	0.1	1.0	30	14	7	< 3	74300	20
172211	5	< 30	78000	< 1	< 2	9	12	300	10.3	0.3	1.1	30	6	10	< 3	78400	< 20
172212	< 2	< 30	35900	1	< 2	5	7	< 200	7.8	< 0.1	0.6	30	9	15	< 3	60200	< 20
172213	12	< 30	29200	1	< 2	< 5	15	1000	8.0	0.4	4.0	120	8	27	< 3	89500	40
172214	< 2	< 30	18400	< 1	< 2	< 5	< 1	600	4.8	0.2	1.6	60	< 5	17	< 3	46200	20
172215	< 2	< 30	23100	< 1	< 2	< 5	< 1	300	3.7	0.2	0.9	30	6	10	< 3	58900	20
172216	< 2	< 30	34100	< 1	< 2	11	2	300	5.0	< 0.1	0.6	40	8	10	< 3	125000	20
172217	3	< 30	29500	< 1	< 2	6	< 1	300	6.3	< 0.1	0.8	30	< 5	9	< 3	77200	< 20
172218	< 2	< 30	62800	< 1	< 2	35	< 1	< 200	6.6	< 0.1	0.6	20	8	6	< 3	75700	< 20
172219	2	< 30	156000	< 1	< 2	84	< 1	< 200	4.4	< 0.1	< 0.5	< 20	< 5	5	< 3	77000	< 20
172220	2	< 30	10800	< 1	< 2	< 5	17	400	22.9	0.2	1.2	40	< 5	12	< 3	65100	20
172221	< 2	< 30	5840	< 1	< 2	< 5	15	200	15.6	< 0.1	0.6	< 20	< 5	5	< 3	59700	< 20
172222	< 2	< 30	7570	< 1	< 2	< 5	18	300	14.1	< 0.1	1.3	50	9	13	< 3	49800	20
172223	3	< 30	22700	< 1	< 2	< 5	16	500	12.1	0.2	1.1	60	< 5	11	< 3	47400	< 20
172224	< 2	< 30	3630	< 1	< 2	< 5	13	300	10.2	< 0.1	0.5	20	9	5	< 3	41800	< 20
172225	< 2	< 30	3620	< 1	< 2	< 5	13	< 200	8.4	< 0.1	0.8	30	< 5	9	< 3	60500	< 20
172226	3	760	4520	< 1	< 2	< 5	11	600	7.7	0.2	1.3	50	< 5	18	< 3	68300	< 20
172227	3	< 30	2590	< 1	< 2	< 5	10	600	6.5	0.2	1.0	50	< 5	12	< 3	53900	20
172228	2	< 30	3060	< 1	< 2	< 5	8	200	6.6	0.1	< 0.5	< 20	5	9	< 3	50900	< 20
172229	< 2	< 30	2640	< 1	< 2	< 5	8	< 200	5.1	0.1	< 0.5	20	< 5	8	< 3	46500	< 20
172230	< 2	< 30	3250	< 1	< 2	< 5	22	700	12.4	< 0.1	0.9	20	< 5	7	< 3	52800	20
172231	3	< 30	12000	< 1	< 2	< 5	15	700	7.6	0.2	1.0	50	5	17	< 3	56000	30
172232	< 2	< 30	6070	< 1	< 2	< 5	12	< 200	6.9	< 0.1	< 0.5	< 20	< 5	< 4	< 3	65200	< 20
172233	3	< 30	2820	< 1	< 2	< 5	11	400	4.8	< 0.1	0.7	30	< 5	7	< 3	58300	< 20
172234	2	< 30	4150	< 1	< 2	< 5	11	400	5.0	0.2	1.1	50	< 5	15	< 3	51400	< 20
172235	< 2	< 30	2620	< 1	< 2	< 5	9	200	6.8	< 0.1	0.6	< 20	8	11	< 3	68900	< 20
172236	< 2	< 30	7640	< 1	< 2	< 5	6	600	3.1	0.1	< 0.5	40	< 5	9	< 3	59500	< 20
172237	3	< 30	4950	< 1	< 2	< 5	9	< 200	5.9	0.1	0.6	30	7	13	< 3	50700	< 20
172238	< 2	< 30	3480	< 1	< 2	< 5	11	500	6.4	< 0.1	1.2	40	5	14	< 3	63600	30
172239	2	< 30	2510	< 1	< 2	< 5	9	< 200	9.4	< 0.1	< 0.5	30	7	6	< 3	56100	20
172240	< 2	< 30	2610	< 1	< 2	< 5	20	600	12.6	< 0.1	1.3	50	6	12	< 3	54600	20
172241	3	< 30	5860	< 1	< 2	< 5	11	500	8.8	< 0.1	1.1	50	6	14	< 3	70600	< 20
172242	2	< 30	11400	< 1	< 2	< 5	9	300	7.0	< 0.1	< 0.5	20	7	8	< 3	49400	< 20
172243	< 2	< 30	55800	< 1	< 2	7	7	< 200	3.2	< 0.1	< 0.5	20	5	6	< 3	36700	< 20
172244	5	< 30	19100	< 1	< 2	< 5	7	300	3.1	0.2	1.0	40	< 5	14	< 3	61200	< 20
172245	7	< 30	79700	< 1	< 2	36	8	800	2.1	0.3	1.4	70	6	21	< 3	93800	40
172246	< 2	< 30	12400	< 1	< 2	9	8	< 200	3.2	< 0.1	0.9	< 20	< 5	5	< 3	42500	< 20
172247	< 2	< 30	3390	< 1	< 2	< 5	9	400	10.0	< 0.1	0.9	50	< 5	8	< 3	49800	20
172248	4	< 30	8230	< 1	< 2	< 5	6	300	9.3	0.2	0.7	20	7	6	< 3	46600	30
172249	< 2	< 30	3790	< 1	< 2	< 5	7	< 200	10.3	< 0.1	0.6	30	5	7	< 3	78400	< 20

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172250	< 2	< 30	3570	< 1	< 2	< 5	16	< 200	12.7	< 0.1	< 0.5	< 20	< 5	11	< 3	54800	30
172251	4	< 30	80700	< 1	< 2	10	14	500	9.6	< 0.1	1.2	50	< 5	12	< 3	58500	< 20
172252	< 2	40	21000	< 1	< 2	< 5	8	< 200	5.7	< 0.1	< 0.5	< 20	< 5	5	< 3	68100	< 20
172253	2	< 30	15800	< 1	< 2	< 5	8	600	5.7	0.1	1.9	50	< 5	15	< 3	50300	20
172254	< 2	< 30	11400	< 1	< 2	< 5	5	300	3.8	< 0.1	< 0.5	20	< 5	6	< 3	35200	< 20
172255	3	< 30	5440	< 1	< 2	< 5	7	< 200	17.2	< 0.1	< 0.5	< 20	< 5	< 4	< 3	51800	< 20
172256	8	< 30	4970	< 1	< 2	< 5	9	500	11.5	0.4	2.0	80	8	28	< 3	66400	30
172257	4	< 30	6250	< 1	< 2	< 5	7	400	10.4	0.2	1.0	40	10	11	< 3	60300	< 20
172258	4	< 30	5140	< 1	< 2	< 5	6	400	10.0	0.2	2.0	60	5	25	< 3	85000	30
172259	< 2	< 30	4600	< 1	< 2	< 5	7	200	9.0	0.2	< 0.5	20	5	9	< 3	67200	20
172260	4	< 30	2640	< 1	< 2	< 5	20	300	16.5	0.3	1.0	30	9	13	< 3	45900	20
172261	2	< 30	3550	< 1	< 2	< 5	12	< 200	15.5	0.1	0.7	< 20	6	5	< 3	55600	< 20
172262	8	< 30	2720	< 1	< 2	< 5	12	900	10.1	0.4	2.2	80	7	27	< 3	52700	30
172263	< 2	< 30	2490	< 1	< 2	< 5	8	< 200	6.1	< 0.1	< 0.5	< 20	< 5	4	< 3	36300	< 20
172264	< 2	< 30	2330	< 1	< 2	< 5	9	600	13.6	0.2	0.9	40	7	12	< 3	41400	20
172265	4	< 30	3380	< 1	< 2	< 5	10	600	8.2	0.2	1.5	70	6	19	< 3	62000	20
172266	3	< 30	3180	< 1	< 2	< 5	7	400	7.3	< 0.1	0.8	40	5	11	< 3	43700	< 20
172267	< 2	< 30	2430	< 1	< 2	< 5	6	300	9.5	0.1	< 0.5	< 20	8	8	< 3	59800	< 20
172268	< 2	< 30	3100	< 1	< 2	< 5	5	300	10.8	< 0.1	0.6	30	< 5	9	< 3	65500	20
172269	2	< 30	3920	< 1	< 2	< 5	6	500	13.0	< 0.1	3.1	50	6	13	< 3	66100	30
172270	< 2	< 30	3050	< 1	< 2	< 5	15	< 200	15.7	< 0.1	< 0.5	< 20	< 5	< 4	< 3	55600	< 20
172271	5	< 30	2860	< 1	< 2	< 5	10	200	12.9	0.2	0.8	50	5	13	< 3	50400	< 20
172272	< 2	< 30	2990	< 1	< 2	< 5	9	200	16.3	< 0.1	< 0.5	< 20	5	6	< 3	43700	< 20
172273	3	< 30	5690	< 1	< 2	< 5	9	300	15.9	0.1	< 0.5	30	6	8	< 3	74600	< 20
172274	4	< 30	5160	< 1	< 2	< 5	9	400	12.7	0.2	1.1	50	< 5	14	< 3	58000	20
172275	4	< 30	2790	< 1	< 2	< 5	4	200	10.7	< 0.1	0.5	20	5	9	< 3	31400	40
172276	< 2	< 30	2950	< 1	< 2	< 5	6	300	8.4	< 0.1	0.8	30	< 5	8	< 3	55400	20
172277	4	< 30	4310	< 1	< 2	< 5	7	300	12.8	< 0.1	1.4	50	12	15	< 3	87300	20
172278	7	< 30	5980	< 1	< 2	< 5	6	500	16.6	0.2	1.5	60	< 5	13	< 3	87000	20
172279	< 2	< 30	3930	< 1	< 2	< 5	5	300	8.8	< 0.1	< 0.5	20	< 5	5	< 3	46100	< 20
172280	< 2	< 30	2620	< 1	< 2	< 5	17	300	14.2	< 0.1	< 0.5	20	7	5	< 3	46000	20
172281	< 2	< 30	2450	< 1	< 2	< 5	11	< 200	10.6	< 0.1	< 0.5	20	6	5	< 3	58500	< 20
172282	2	< 30	3540	< 1	< 2	< 5	11	< 200	10.3	< 0.1	0.7	30	6	5	< 3	87700	< 20
172283	2	< 30	3010	< 1	< 2	< 5	9	400	8.8	0.2	0.8	40	< 5	9	< 3	67400	30
172284	3	< 30	3280	< 1	< 2	< 5	9	200	7.9	0.1	1.1	50	< 5	10	< 3	55400	30
172285	< 2	< 30	2210	< 1	< 2	< 5	6	< 200	8.1	< 0.1	< 0.5	< 20	< 5	< 4	< 3	40800	< 20
172286	8	< 30	3950	< 1	< 2	< 5	8	500	12.7	0.3	1.6	70	< 5	23	< 3	68100	30
172287	4	< 30	4760	< 1	< 2	< 5	7	600	10.0	0.3	1.8	50	8	8	< 3	55300	20
172288	< 2	< 30	1850	< 1	< 2	< 5	5	< 200	11.1	< 0.1	< 0.5	30	9	5	< 3	64900	< 20
172289	8	< 30	3050	1	< 2	< 5	24	800	8.9	0.2	2.5	100	106	22	< 3	69600	40
172290	6	< 30	3660	1	< 2	< 5	10	700	9.6	0.3	2.1	90	8	26	< 3	42800	30
172291	3	< 30	4690	< 1	< 2	7	< 1	300	8.8	< 0.1	< 0.5	< 20	< 5	< 4	< 3	30900	< 20
172292	2	< 30	3600	< 1	< 2	< 5	< 1	400	6.1	< 0.1	0.6	40	18	7	< 3	49500	< 20
172293	< 2	< 30	2150	< 1	< 2	6	< 1	500	10.8	0.2	< 0.5	40	< 5	7	< 3	58900	< 20
172294	3	< 30	4350	< 1	< 2	< 5	< 1	< 200	12.2	< 0.1	< 0.5	< 20	< 5	< 4	< 3	67600	< 20
172295	2	< 30	2780	< 1	< 2	< 5	< 1	400	10.7	0.3	< 0.5	< 20	7	5	< 3	60900	< 20
172296	4	< 30	2800	< 1	< 2	< 5	< 1	300	12.0	< 0.1	0.6	20	9	7	< 3	45000	< 20
172297	3	< 30	3640	< 1	< 2	8	< 1	200	7.6	< 0.1	< 0.5	20	9	9	< 3	58100	20
172298	5	< 30	2180	< 1	< 2	< 5	< 1	500	6.2	< 0.1	0.9	30	9	11	< 3	69500	< 20
172299	6	< 30	3670	< 1	< 2	< 5	< 1	< 200	7.4	< 0.1	1.4	40	5	14	< 3	55300	20

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172300	< 2	< 30	3310	< 1	< 2	6	< 1	300	8.3	< 0.1	< 0.5	30	< 5	8	< 3	54500	< 20
172301	3	< 30	3600	< 1	< 2	< 5	14	300	7.6	0.1	< 0.5	< 20	7	6	< 3	49800	< 20
172302	3	< 30	3870	< 1	< 2	< 5	13	500	6.1	0.2	1.0	30	7	7	< 3	50900	< 20
172303	< 2	< 30	6970	< 1	< 2	< 5	12	400	6.8	< 0.1	1.7	40	5	15	< 3	60900	20
172304	8	< 30	12400	< 1	< 2	5	11	700	3.5	0.1	1.4	60	7	16	< 3	67900	40
172305	< 2	< 30	3100	< 1	< 2	< 5	10	300	8.0	0.1	< 0.5	< 20	13	7	< 3	53800	< 20
172306	7	< 30	2510	< 1	< 2	6	12	700	5.0	0.2	1.5	50	7	21	< 3	43400	30
172307	< 2	< 30	2880	< 1	< 2	5	10	200	7.9	0.1	< 0.5	< 20	6	< 4	< 3	81700	< 20
172308	10	< 30	3840	< 1	< 2	< 5	11	600	9.0	0.2	2.0	80	< 5	26	< 3	65300	30
172309	7	< 30	4910	< 1	< 2	< 5	11	800	8.1	0.2	1.9	60	5	25	< 3	63100	40
172310	< 2	< 30	2960	< 1	< 2	8	19	300	10.3	< 0.1	0.7	30	7	6	< 3	52900	< 20
172311	2	< 30	2730	< 1	< 2	6	14	200	9.5	< 0.1	0.5	< 20	7	6	< 3	63700	< 20
172312	< 2	< 30	3270	< 1	< 2	5	15	600	9.0	< 0.1	1.5	50	6	12	< 3	67500	20
172313	< 2	< 30	2330	< 1	< 2	6	10	400	7.6	< 0.1	< 0.5	< 20	< 5	6	< 3	42000	< 20
172314	< 2	< 30	3150	< 1	< 2	< 5	8	300	8.1	< 0.1	< 0.5	< 20	< 5	6	< 3	62400	< 20
172315	< 2	< 30	1890	< 1	< 2	< 5	7	< 200	9.5	< 0.1	< 0.5	< 20	< 5	< 4	< 3	46100	< 20
172316	3	< 30	2210	< 1	< 2	< 5	9	300	5.0	0.2	0.9	30	6	14	< 3	49000	< 20
172317	3	< 30	2320	< 1	< 2	< 5	5	200	2.6	0.1	0.6	20	< 5	6	< 3	31000	< 20
172318	< 2	< 30	3060	< 1	< 2	6	8	400	3.8	0.2	0.7	30	7	10	< 3	62800	< 20
172319	9	< 30	4710	< 1	< 2	7	10	1000	4.5	0.2	2.5	110	6	31	< 3	52700	40
172320	< 2	< 30	13800	< 1	< 2	7	19	< 200	9.1	< 0.1	< 0.5	< 20	6	< 4	< 3	64000	< 20
172321	5	< 30	18100	< 1	< 2	< 5	13	500	6.8	0.1	1.8	70	7	14	< 3	67400	30
172322	5	< 30	48000	< 1	< 2	28	10	600	9.0	< 0.1	1.1	30	< 5	9	< 3	62800	< 20
172323	< 2	< 30	43100	< 1	< 2	30	10	< 200	8.3	< 0.1	< 0.5	< 20	< 5	< 4	< 3	49800	< 20
172324	5	< 30	25400	< 1	< 2	17	11	600	14.4	0.3	1.8	50	8	8	< 3	66900	30
172325	4	< 30	110000	< 1	< 2	52	8	400	11.8	0.1	0.6	30	< 5	8	< 3	68800	20
172326	< 2	< 30	84000	< 1	< 2	51	6	< 200	12.9	< 0.1	< 0.5	< 20	< 5	< 4	< 3	52100	< 20
172327	4	< 30	72200	< 1	< 2	47	8	600	12.2	< 0.1	1.0	40	< 5	12	< 3	54900	20
172328	3	< 30	28300	< 1	< 2	35	7	300	17.9	< 0.1	0.5	< 20	6	< 4	< 3	74300	< 20
172329	< 2	< 30	55900	< 1	< 2	36	5	< 200	9.7	< 0.1	< 0.5	< 20	7	< 4	< 3	42700	< 20
172330	< 2	< 30	56400	< 1	< 2	27	8	< 200	11.2	< 0.1	< 0.5	< 20	< 5	< 4	< 3	60100	< 20
172331	2	< 30	18100	< 1	< 2	17	9	200	8.4	< 0.1	< 0.5	20	< 5	9	< 3	59800	< 20
172332	< 2	< 30	71100	< 1	< 2	41	7	< 200	6.0	< 0.1	< 0.5	< 20	12	< 4	< 3	54300	< 20
172333	< 2	< 30	16900	< 1	< 2	16	5	< 200	3.7	< 0.1	< 0.5	< 20	< 5	6	< 3	86100	< 20
172334	7	< 30	3670	< 1	< 2	16	8	900	8.9	0.1	1.6	60	< 5	17	< 3	69000	< 20
172335	< 2	630	6480	< 1	< 2	7	5	< 200	7.4	< 0.1	< 0.5	< 20	< 5	5	< 3	69000	< 20
172336	4	< 30	2050	< 1	< 2	13	6	200	12.0	< 0.1	1.1	< 20	6	6	< 3	42300	< 20
172337	< 2	< 30	3480	< 1	< 2	10	5	< 200	5.9	< 0.1	< 0.5	< 20	6	< 4	< 3	44600	< 20
172338	< 2	< 30	3820	< 1	< 2	< 5	4	300	14.8	< 0.1	< 0.5	< 20	< 5	6	< 3	64900	< 20
172339	< 2	< 30	7570	< 1	< 2	7	5	200	8.0	< 0.1	< 0.5	< 20	< 5	6	< 3	87800	< 20
172340	3	< 30	5890	< 1	< 2	< 5	6	400	9.4	0.1	< 0.5	30	5	7	< 3	68000	< 20
172341	< 2	< 30	2700	< 1	< 2	6	12	400	9.3	< 0.1	< 0.5	< 20	< 5	5	< 3	44200	< 20
172342	4	< 30	3020	< 1	< 2	< 5	10	500	10.1	< 0.1	1.3	30	< 5	9	< 3	68300	20
172343	< 2	< 30	12100	< 1	< 2	7	7	500	7.8	0.1	< 0.5	< 20	< 5	4	< 3	57900	< 20
172344	7	< 30	3510	< 1	< 2	< 5	10	700	9.8	0.3	1.8	80	< 5	31	4	61800	30
172345	6	< 30	5970	< 1	< 2	< 5	8	600	16.9	0.2	1.5	40	6	21	< 3	99900	30
172346	4	< 30	4150	< 1	< 2	7	10	700	12.5	< 0.1	1.1	50	10	19	< 3	59100	20
172347	2	< 30	3500	< 1	< 2	6	8	300	10.5	< 0.1	< 0.5	< 20	5	7	< 3	75600	< 20
172348	< 2	< 30	2510	< 1	< 2	< 5	6	< 200	11.2	0.2	< 0.5	< 20	< 5	< 4	< 3	54000	< 20
172349	< 2	< 30	6170	< 1	< 2	< 5	6	300	8.0	< 0.1	< 0.5	20	< 5	9	< 3	51000	< 20

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172350	< 2	< 30	2610	< 1	< 2	< 5	6	< 200	11.1	< 0.1	< 0.5	< 20	6	< 4	< 3	43200	< 20
172351	< 2	< 30	3520	< 1	< 2	< 5	5	< 200	14.3	< 0.1	< 0.5	< 20	< 5	< 4	< 3	54500	< 20
172352	7	< 30	3660	< 1	< 2	< 5	13	500	10.4	0.3	1.6	70	6	24	< 3	43000	30
172353	< 2	< 30	4060	< 1	< 2	7	9	300	16.1	0.2	< 0.5	< 20	6	10	< 3	61800	< 20
172354	6	< 30	3480	< 1	< 2	< 5	10	600	12.5	0.3	1.7	80	6	14	< 3	53100	20
172355	4	< 30	3230	< 1	< 2	5	7	500	11.3	0.2	1.7	80	6	21	< 3	53300	20
172356	3	< 30	2440	< 1	< 2	< 5	7	400	11.4	< 0.1	1.1	40	< 5	12	< 3	49800	< 20
172357	4	< 30	4120	< 1	< 2	< 5	7	600	9.9	< 0.1	1.3	50	< 5	21	< 3	89600	< 20
172358	4	< 30	13000	< 1	< 2	< 5	6	200	5.6	< 0.1	< 0.5	< 20	< 5	8	< 3	49200	< 20
172359	7	< 30	4040	< 1	< 2	< 5	7	500	22.1	0.3	1.2	60	6	18	< 3	43900	30
172360	3	< 30	8980	< 1	< 2	< 5	5	500	8.1	0.2	0.9	40	< 5	10	< 3	57100	< 20
172361	4	< 30	5340	< 1	< 2	< 5	5	400	7.1	< 0.1	0.6	20	< 5	8	< 3	45900	< 20
172362	4	< 30	4040	< 1	< 2	< 5	7	700	3.4	0.2	1.7	60	< 5	17	< 3	73600	20
172363	< 2	< 30	11200	< 1	< 2	< 5	4	400	1.6	< 0.1	0.5	< 20	< 5	5	< 3	39400	< 20
172364	< 2	180	4020	< 1	< 2	< 5	3	300	2.4	0.1	0.6	40	10	10	< 3	62400	40
172365	5	< 30	5240	< 1	< 2	< 5	6	400	2.5	0.4	0.9	40	< 5	16	< 3	50900	20
172366	3	< 30	6680	< 1	< 2	< 5	6	500	2.9	0.2	1.1	50	7	16	< 3	54000	20
172367	3	< 30	4750	< 1	< 2	6	5	400	3.0	< 0.1	< 0.5	< 20	< 5	4	< 3	68100	< 20
172368	< 2	< 30	3630	< 1	< 2	6	6	200	3.6	< 0.1	< 0.5	< 20	6	4	< 3	54100	< 20
172369	3	< 30	7240	< 1	< 2	< 5	5	200	17.3	< 0.1	< 0.5	< 20	6	6	< 3	65900	< 20
172370	< 2	< 30	2760	2	< 2	10	38	< 200	9.9	< 0.1	< 0.5	< 20	6	< 4	< 3	50100	30
172371	5	< 30	3110	1	< 2	14	29	300	6.0	< 0.1	0.7	50	6	6	< 3	44100	20
172372	5	< 30	2780	< 1	< 2	10	13	300	9.5	< 0.1	1.1	40	< 5	8	< 3	64500	< 20
172373	< 2	< 30	2750	< 1	< 2	< 5	23	400	12.4	0.3	0.7	40	11	10	< 3	53300	< 20
172374	< 2	< 30	1830	< 1	< 2	< 5	9	< 200	9.5	< 0.1	< 0.5	< 20	< 5	< 4	< 3	46300	< 20
172375	< 2	< 30	2420	< 1	< 2	< 5	8	< 200	10.7	< 0.1	< 0.5	30	6	6	< 3	51900	< 20
172376	3	< 30	2280	< 1	< 2	< 5	8	300	7.5	0.2	1.0	40	5	13	< 3	48800	< 20
172377	7	< 30	2260	< 1	< 2	< 5	7	400	11.0	0.1	1.4	50	< 5	11	< 3	53100	< 20
172378	< 2	< 30	2030	< 1	< 2	< 5	1	400	18.8	0.3	0.8	50	< 5	11	< 3	54000	< 20
172379	5	< 30	2750	< 1	< 2	< 5	< 1	300	21.0	< 0.1	0.8	50	5	12	< 3	57100	< 20
172380	9	< 30	3730	< 1	< 2	< 5	< 1	500	13.1	0.3	2.8	100	7	32	3	35900	30
172381	7	< 30	4480	< 1	< 2	< 5	< 1	300	11.6	0.3	1.4	80	15	19	< 3	76700	30
172382	< 2	< 30	2410	< 1	< 2	< 5	15	400	11.6	0.2	1.0	60	< 5	14	< 3	49100	50
172383	6	< 30	2680	< 1	< 2	< 5	18	600	11.9	0.3	1.2	40	< 5	18	< 3	43400	20
172384	2	< 30	2510	< 1	< 2	< 5	14	300	10.5	< 0.1	< 0.5	40	< 5	9	< 3	54800	< 20
172385	4	< 30	3410	< 1	< 2	< 5	14	300	10.4	0.2	1.7	50	14	15	< 3	48800	< 20
172386	4	< 30	6050	< 1	< 2	< 5	13	< 200	8.4	< 0.1	0.6	20	< 5	7	< 3	53600	< 20
172387	3	< 30	3910	< 1	< 2	< 5	12	< 200	12.6	< 0.1	< 0.5	30	< 5	8	< 3	57500	< 20
172388	3	60	2880	< 1	< 2	< 5	10	400	11.4	< 0.1	0.8	40	< 5	13	< 3	56700	< 20
172389	4	< 30	2910	< 1	< 2	< 5	11	400	9.5	0.1	1.4	50	8	14	< 3	41700	< 20
172390	< 2	< 30	2510	< 1	< 2	< 5	10	< 200	8.4	< 0.1	< 0.5	30	< 5	7	< 3	65800	< 20
172391	4	< 30	2830	< 1	< 2	< 5	13	200	5.6	< 0.1	4.1	40	5	10	< 3	40700	20
172392	5	< 30	2340	< 1	< 2	< 5	13	500	5.2	0.3	1.4	70	5	18	< 3	38300	30
172393	< 2	< 30	2460	< 1	< 2	< 5	10	400	9.0	< 0.1	0.7	40	6	10	< 3	58800	< 20
172394	5	< 30	2090	< 1	< 2	< 5	9	500	8.7	0.1	1.4	40	8	11	< 3	51900	< 20
172395	2	60	2310	< 1	< 2	< 5	7	< 200	9.2	< 0.1	< 0.5	30	7	< 4	< 3	42400	< 20
172396	< 2	< 30	1890	< 1	< 2	< 5	6	< 200	9.0	0.1	< 0.5	< 20	6	< 4	< 3	41900	< 20
172397	2	50	1190	< 1	< 2	< 5	9	300	6.3	0.2	0.6	30	< 5	9	< 3	41200	< 20
172398	5	90	2750	< 1	< 2	< 5	9	600	8.6	0.2	1.6	80	6	14	< 3	41500	30
172399	5	50	2520	< 1	< 2	< 5	8	300	14.4	0.1	1.9	50	5	14	< 3	49000	< 20

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172400	< 2	< 30	1510	< 1	< 2	< 5	6	300	13.1	< 0.1	< 0.5	< 20	< 5	< 4	< 3	46300	< 20
172401	5	< 30	1610	< 1	< 2	< 5	10	700	6.3	0.2	1.4	70	6	13	< 3	56200	30
172402	3	40	1360	< 1	< 2	< 5	7	200	5.7	< 0.1	< 0.5	< 20	< 5	< 4	< 3	35500	< 20
172403	4	60	3950	< 1	< 2	< 5	7	500	5.5	0.2	2.2	70	5	12	< 3	37900	20
172404	3	30	2290	< 1	< 2	< 5	8	500	6.2	0.2	1.2	60	28	14	< 3	40800	20
172405	3	< 30	2390	< 1	< 2	< 5	8	500	13.3	< 0.1	0.7	40	31	9	< 3	73000	< 20
172406	< 2	< 30	1950	< 1	< 2	< 5	7	300	8.7	< 0.1	< 0.5	30	< 5	6	< 3	62600	< 20
172407	< 2	< 30	1940	< 1	< 2	< 5	6	< 200	20.2	< 0.1	< 0.5	< 20	< 5	< 4	< 3	40300	< 20
172408	< 2	< 30	1520	< 1	< 2	< 5	5	300	10.4	< 0.1	< 0.5	30	11	7	< 3	43700	< 20
172409	2	< 30	2490	< 1	< 2	< 5	6	300	8.3	< 0.1	< 0.5	30	16	6	< 3	55400	20
172410	< 2	60	1820	< 1	< 2	< 5	5	300	5.3	0.1	< 0.5	< 20	< 5	< 4	< 3	37900	< 20
172411	2	< 30	3090	< 1	< 2	< 5	7	400	7.3	0.1	< 0.5	30	7	9	< 3	53300	20
172412	2	50	3510	< 1	< 2	< 5	4	200	15.5	0.2	< 0.5	30	< 5	8	< 3	45100	< 20
172413	< 2	90	3020	< 1	< 2	< 5	6	300	11.4	< 0.1	< 0.5	30	34	5	< 3	54200	< 20
172414	3	50	3360	< 1	< 2	< 5	5	200	11.3	0.2	< 0.5	30	12	6	< 3	40800	< 20
172415	2	< 30	2610	< 1	< 2	< 5	4	< 200	15.5	< 0.1	< 0.5	< 20	10	5	< 3	45900	< 20
172416	3	< 30	3110	< 1	< 2	< 5	6	300	11.9	0.2	1.1	120	17	12	< 3	54600	< 20
172417	4	40	2740	< 1	< 2	< 5	6	400	9.4	< 0.1	1.1	30	10	5	< 3	700000	< 20
172418	4	60	3390	< 1	< 2	< 5	5	300	5.3	< 0.1	0.6	30	7	6	< 3	40100	< 20
172419	< 2	30	4590	< 1	< 2	< 5	6	< 200	11.2	< 0.1	< 0.5	30	8	< 4	< 3	64500	< 20
172420	4	< 30	2780	< 1	< 2	< 5	5	< 200	12.5	0.1	0.9	50	< 5	10	< 3	66200	< 20
172421	8	< 30	11600	< 1	< 2	< 5	8	1100	5.6	0.2	1.7	90	39	22	4	92300	30
172422	3	< 30	4050	< 1	< 2	< 5	8	600	8.9	0.2	1.6	70	7	21	< 3	68000	20
172423	< 2	< 30	7220	< 1	< 2	< 5	7	300	8.4	0.1	0.5	30	< 5	9	< 3	88700	< 20
172424	< 2	< 30	2480	< 1	< 2	< 5	5	< 200	9.1	0.2	< 0.5	20	6	6	< 3	58000	< 20
172425	4	60	2390	< 1	< 2	< 5	8	400	7.2	< 0.1	< 0.5	30	8	6	< 3	45200	< 20
172426	3	< 30	3040	< 1	< 2	< 5	5	600	10.0	0.2	1.0	60	< 5	18	< 3	70600	30
172427	3	50	2660	< 1	< 2	< 5	7	400	6.9	< 0.1	0.9	50	6	10	< 3	55600	< 20
172428	4	90	10900	< 1	< 2	< 5	4	600	4.9	0.2	6.0	70	8	18	< 3	62000	30
172429	< 2	50	3840	< 1	< 2	5	5	200	4.5	< 0.1	0.8	30	< 5	8	< 3	79800	< 20
172430	< 2	< 30	2510	< 1	< 2	7	4	300	4.2	< 0.1	< 0.5	30	5	4	< 3	53200	< 20
172431	3	< 30	3230	< 1	< 2	16	4	400	4.8	< 0.1	1.0	50	< 5	15	< 3	61600	< 20
172432	2	40	4190	< 1	< 2	16	6	300	12.6	0.1	0.6	40	7	5	< 3	79600	< 20
172433	3	60	3030	< 1	< 2	20	4	500	11.1	< 0.1	1.1	70	10	19	< 3	59900	20
172434	< 2	30	3000	< 1	< 2	17	5	200	6.0	0.1	< 0.5	30	< 5	9	< 3	62400	< 20
172435	5	< 30	2950	< 1	< 2	< 5	6	700	7.6	0.2	2.1	100	< 5	22	< 3	61100	20
172436	3	40	3900	< 1	< 2	< 5	6	300	8.3	0.2	0.6	40	8	8	< 3	59200	20
172437	3	< 30	2490	< 1	< 2	< 5	5	400	6.5	< 0.1	< 0.5	< 20	7	< 4	< 3	41000	< 20
172438	4	< 30	3790	< 1	< 2	< 5	5	400	4.2	< 0.1	< 0.5	30	< 5	6	< 3	43500	< 20
172439	2	70	5310	< 1	< 2	< 5	7	300	10.0	0.2	1.0	40	8	11	< 3	77500	20
172440	< 2	< 30	3820	< 1	< 2	< 5	6	< 200	10.4	< 0.1	< 0.5	< 20	6	5	< 3	90000	20
172441	< 2	< 30	3750	< 1	< 2	< 5	6	300	8.3	< 0.1	< 0.5	< 20	6	< 4	< 3	74100	< 20
172442	4	40	3460	< 1	< 2	< 5	6	700	7.6	0.3	1.1	60	6	11	< 3	63000	30
172443	3	< 30	2610	< 1	< 2	< 5	5	500	8.8	0.2	1.2	70	6	15	< 3	50100	20
172444	< 2	50	3870	< 1	< 2	< 5	4	< 200	7.5	< 0.1	< 0.5	< 20	5	< 4	< 3	56600	< 20
172445	4	40	8480	< 1	< 2	< 5	5	400	6.7	0.2	1.2	80	11	21	< 3	50300	20
172446	4	70	6580	< 1	< 2	< 5	5	300	7.4	0.3	2.5	50	< 5	13	< 3	54600	< 20
172447	8	< 30	4200	< 1	< 2	< 5	8	900	8.5	0.4	1.9	110	6	21	< 3	50000	40
172448	4	60	3630	< 1	< 2	< 5	5	< 200	11.7	< 0.1	< 0.5	40	14	10	< 3	50200	< 20

QC

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
NIST 1575a Meas					6000	5430			2610000	220		59		278	2840				42				
NIST 1575a Cert					9600	6000			2500000	233		61		283	2800				46				
NIST 1575a Meas					6000	5260			2490000	220		54		276	2640				40				
NIST 1575a Cert					9600	6000			2500000	233		61		283	2800				46				
NIST 1575a Meas					6000	5830			2690000	250		58		293	2910				43				
NIST 1575a Cert					9600	6000			2500000	233		61		283	2800				46				
NIST 1575a Meas					6000	5660			2540000	260		51		295	2950				42				
NIST 1575a Cert					9600	6000			2500000	233		61		283	2800				46				
CDV-1 Meas	< 10	923000	1510	1.3	15000	8790		20.1	20900000	40	4180	1790	10300	98	7850				2510	563		33	36
CDV-1 Cert	9	1500000	1300	2.3	12400	8500		20	19400000	40	4350	2000	12100	121	8610				2560	600		30	46
CDV-1 Meas	< 10	923000	1400	2.5	11000	8740		19.8	19000000	40	4160	1660	9940	85	7290				2310	421		19	32
CDV-1 Cert	9	1500000	1300	2.3	12400	8500		20	19400000	40	4350	2000	12100	121	8610				2560	600		30	46
CDV-1 Meas	< 10	1020000	1470	1.7	13000	9510		16.7	21800000	40	4460	1790	10600	100	7940				2410	503		17	37
CDV-1 Cert	9	1500000	1300	2.3	12400	8500		20	19400000	40	4350	2000	12100	121	8610				2560	600		30	46
CDV-1 Meas	< 10	928000	1400	1.5	11000	9080		20.6	20000000	40	4350	1740	9420	89	8470				2290	416		11	34
CDV-1 Cert	9	1500000	1300	2.3	12400	8500		20	19400000	40	4350	2000	12100	121	8610				2560	600		30	46
172015 Orig	40	33000	40	0.2	4000	34900	< 50	3.3	7210000	40	64	17	140	21	1220	5.0	2	2	42	5	< 4	< 1	< 3
172015 Dup	60	34000	40	0.2	4000	33700	< 50	3.5	6940000	40	64	19	90	12	1260	4.7	2	2	42	24	5	2	< 3
172030 Orig	10	15000	30	0.2	< 1000	46900	< 50	2.6	6010000	30	29	17	50	45	1080	1.9	1	< 1	21	4	< 4	4	< 3
172030 Dup	10	14000	30	< 0.2	< 1000	41900	< 50	2.0	5260000	20	23	14	50	39	1030	1.3	< 1	2	19	10	< 4	2	< 3
172045 Orig	30	20000	60	0.6	8000	47900	< 50	8.2	9810000	20	47	18	460	24	1030	2.1	1	1	27	< 4	< 4	< 1	< 3
172045 Dup	30	20000	60	0.6	7000	69300	< 50	10.5	13300000	40	33	16	200	25	1270	1.8	1	1	25	7	< 4	< 1	< 3
172060 Orig	20	12000	60	1.3	8000	77500	< 50	9.0	8220000	20	32	15	90	22	890	2.9	< 1	< 1	23	4	< 4	< 1	< 3
172060 Dup	20	9000	40	0.5	7000	73000	< 50	8.5	7700000	30	29	13	80	29	770	1.3	< 1	< 1	19	< 4	< 4	< 1	< 3
172075 Orig	100	34000	110	0.4	1000	47100	< 50	8.5	5280000	40	67	18	120	10	1430	2.9	1	< 1	32	< 4	7	5	< 3
172075 Dup	100	30000	50	0.4	3000	47900	< 50	7.4	5200000	40	32	18	390	6	1260	2.1	< 1	1	24	< 4	< 4	< 1	< 3
172090 Orig	90	30000	30	0.3	2000	23200	< 50	3.6	5720000	10	31	12	80	14	1020	1.1	< 1	< 1	21	6	< 4	< 1	< 3
172090 Dup	160	28000	60	0.3	3000	21400	< 50	3.1	5480000	10	31	15	130	10	1010	1.6	< 1	< 1	21	5	< 4	< 1	< 3
172105 Orig	40	73000	140	0.3	6000	30300	< 50	9.1	7050000	90	106	30	90	51	2500	8.1	3	2	55	19	8	8	< 3
172105 Dup	30	59000	110	0.3	6000	27200	< 50	7.7	6450000	90	77	26	80	47	2230	4.9	3	2	42	12	8	8	< 3
172120 Orig	20	68000	110	0.3	4000	20300	< 50	3.1	9040000	10	22	14	60	20	1260	1.0	< 1	< 1	21	11	< 4	< 1	< 3
172120 Dup	30	68000	160	0.3	5000	19800	< 50	3.1	9170000	20	19	13	60	20	1280	1.5	< 1	1	25	7	< 4	3	< 3
172135 Orig	10	9000	30	0.7	8000	78000	< 50	4.5	13900000	100	41	19	50	41	1210	< 0.5	< 1	< 1	24	16	< 4	< 1	< 3
172135 Dup	10	8000	20	0.7	7000	72700	< 50	3.3	12500000	60	82	18	20	36	990	1.1	< 1	1	19	10	< 4	< 1	< 3

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	10	1000	10	0.2	1000	10	50	0.5	10000	10	1	2	20	2	10	0.5	1	1	1	4	4	1	3
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172150 Orig	50	23000	50	0.7	6000	30600	< 50	5.7	8000000	30	61	18	140	11	1030	2.3	1	1	39	20	5	3	< 3
172150 Dup	70	25000	50	0.5	7000	32000	< 50	6.5	8100000	40	54	19	100	15	1050	2.8	1	< 1	31	< 4	< 4	2	< 3
172165 Orig	140	40000	40	0.6	6000	43700	< 50	3.1	8010000	20	33	14	100	12	1170	2.0	< 1	< 1	35	10	< 4	< 1	< 3
172165 Dup	180	37000	50	0.5	5000	38200	< 50	2.6	7640000	20	33	10	140	11	1170	3.6	1	< 1	33	14	< 4	3	< 3
172180 Orig	40	27000	210	< 0.2	11000	27700	< 50	3.2	6260000	50	28	14	60	14	1290	1.1	1	< 1	24	10	< 4	< 1	< 3
172180 Dup	50	27000	200	< 0.2	11000	26600	< 50	3.9	6200000	40	27	12	70	17	1330	1.2	< 1	< 1	24	7	< 4	< 1	< 3
172195 Orig	40	13000	90	< 0.2	9000	72700	< 50	3.9	13800000	70	33	17	60	8	1050	1.6	< 1	1	22	9	< 4	1	< 3
172195 Dup	40	12000	80	< 0.2	7000	65200	< 50	2.9	12600000	80	35	15	60	9	890	2.6	1	< 1	19	4	< 4	3	< 3
172210 Orig	40	10000	40	0.2	7000	48000	< 50	1.6	7920000	20	38	16	160	11	820	1.7	2	< 1	23	12	< 4	< 1	< 3
172210 Dup	50	8000	20	0.2	6000	39300	< 50	1.9	6480000	10	38	14	140	7	920	0.9	< 1	< 1	22	11	< 4	2	< 3
172225 Orig	100	23000	< 10	0.3	5000	16700	< 50	3.3	4100000	20	32	13	90	21	1380	2.2	1	< 1	23	7	< 4	1	< 3
172225 Dup	70	19000	< 10	0.3	4000	14600	< 50	2.5	3700000	10	26	11	50	18	1270	1.5	< 1	< 1	19	< 4	< 4	< 1	< 3
172240 Orig	70	34000	< 10	0.4	4000	28100	< 50	4.2	6150000	40	43	13	70	19	1640	2.3	< 1	< 1	30	9	< 4	2	< 3
172240 Dup	90	33000	30	0.3	4000	27800	< 50	4.0	6180000	40	40	10	70	12	1530	1.3	1	2	29	12	< 4	2	< 3
172255 Orig	140	12000	< 10	0.3	4000	48400	< 50	2.5	6190000	< 10	15	8	70	14	840	1.3	< 1	< 1	17	14	< 4	< 1	< 3
172255 Dup	220	14000	30	0.4	4000	47700	< 50	3.2	6090000	< 10	15	12	90	11	920	1.0	< 1	< 1	18	5	< 4	2	< 3
172270 Orig	70	18000	< 10	0.6	4000	12300	< 50	2.1	5240000	30	14	11	80	24	1120	0.6	< 1	< 1	18	5	< 4	< 1	< 3
172270 Dup	80	17000	< 10	0.5	3000	12100	< 50	1.8	5140000	20	11	9	70	23	1030	< 0.5	< 1	< 1	14	5	< 4	< 1	< 3
172285 Orig	200	16000	< 10	0.4	2000	19600	< 50	2.6	5760000	10	16	8	80	19	990	< 0.5	< 1	< 1	18	5	< 4	< 1	< 3
172285 Dup	190	13000	< 10	0.5	2000	19200	< 50	2.1	5810000	< 10	15	8	80	18	1010	0.8	< 1	< 1	16	10	< 4	3	< 3
172300 Orig	150	17000	10	0.3	6000	34100	< 50	3.3	5250000	20	34	12	90	12	1130	1.6	< 1	< 1	25	4	< 4	1	< 3
172300 Dup	60	28000	30	< 0.2	5000	27900	< 50	3.1	3420000	< 10	31	12	70	13	1610	1.2	1	< 1	26	10	< 4	5	< 3
172315 Orig	180	24000	20	0.2	1000	23800	< 50	2.5	5220000	20	24	11	130	6	1630	1.2	1	< 1	25	11	< 4	< 1	< 3
172315 Dup	260	22000	20	< 0.2	< 1000	19900	< 50	2.7	4370000	20	16	8	100	9	1300	0.6	< 1	< 1	22	< 4	< 4	< 1	< 3
172330 Orig	10	7000	20	0.3	7000	54300	< 50	2.3	7410000	40	11	10	40	85	830	< 0.5	< 1	< 1	19	9	< 4	2	< 3
172330 Dup	< 10	8000	30	0.2	6000	52700	< 50	1.6	7000000	40	25	10	50	79	800	0.9	< 1	< 1	21	6	< 4	< 1	< 3
172345 Orig	120	37000	30	0.3	4000	74800	< 50	3.9	8440000	40	80	23	160	16	1390	4.2	1	2	31	< 4	< 4	3	< 3
172360 Orig	60	33000	30	0.4	3000	50600	< 50	4.2	3710000	110	49	17	100	37	1310	2.0	1	1	33	18	< 4	< 1	< 3
172360 Dup	40	33000	30	0.4	4000	54500	< 50	3.1	3770000	100	47	12	110	49	1400	1.3	< 1	< 1	32	< 4	< 4	4	< 3
172375 Orig	90	23000	20	0.2	5000	35200	< 50	1.4	6000000	40	29	11	100	26	1120	1.5	< 1	< 1	26	6	< 4	2	< 3
172375 Dup	110	22000	30	0.2	4000	31400	< 50	1.6	5600000	30	28	13	90	27	1170	1.1	< 1	1	24	13	< 4	5	< 3
172390 Orig	140	16000	20	0.4	2000	34100	< 50	2.2	3590000	20	36	13	120	10	1000	1.7	< 1	1	21	4	< 4	< 1	< 3
172390 Dup	120	19000	50	1.1	3000	38900	< 50	3.7	4020000	20	132	14	130	11	1000	2.2	1	< 1	24	7	< 4	< 1	< 3
172405 Orig	140	22000	30	0.5	4000	23300	< 50	1.9	6810000	30	60	9	140	17	1040	1.9	< 1	1	24	8	< 4	3	< 3
172405 Dup	140	23000	30	0.5	4000	24000	< 50	2.2	6840000	20	31	9	140	21	990	1.8	< 1	< 1	22	5	< 4	4	< 3
172420 Orig	150	36000	100	0.4	3000	16900	< 50	32.1	5690000	30	30	17	60	7	1420	1.8	< 1	< 1	19	5	< 4	6	< 3
172420 Dup	210	45000	110	0.4	4000	21400	< 50	4.9	6900000	40	41	23	90	15	1750	2.0	< 1	1	24	12	< 4	1	< 3
172435 Orig	170	40000	70	< 0.2	4000	31800	< 50	6.4	5430000	50	93	25	150	21	1480	4.3	4	1	42	5	7	7	< 3
172435 Dup	130	40000	80	< 0.2	3000	30000	< 50	12.6	5150000	50	69	22	160	18	1460	3.7	2	2	38	16	4	4	< 3
172448 Orig	130	36000	30	0.5	3000	23500	< 50	3.0	5910000	30	47	13	80	32	1020	1.9	< 1	1	21	9	< 4	2	< 3
172448 Dup	120	36000	20	0.4	3000	24800	< 50	6.0	6080000	20	27	12	80	34	1010	1.8	< 1	< 1	23	8	< 4	< 1	< 3
Method Blank	< 10	< 1000	< 10	< 0.2	< 1000	< 10	< 50	< 0.5	< 10000	< 10	< 1	< 2	< 20	< 2	< 10	< 0.5	< 1	< 1	< 1	< 4	< 4	< 1	< 3
Method Blank	< 10	< 1000	< 10	< 0.2	< 1000	< 10	< 50	< 0.5	< 10000	< 10	< 1	< 2	< 20	< 2	< 10	< 0.5	< 1	< 1	< 1	< 4	< 4	< 1	< 3

QC

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
NIST 1575a Meas	40			4180000				954000	494000		61000			1350	1100000	242				16300			190
NIST 1575a Cert	39.9			4170000				1060000	488000		63000			1470	1070000	167				16500			99
NIST 1575a Meas	50			3930000				907000	469000		57000			1270	1080000	249				15700			180
NIST 1575a Cert	39.9			4170000				1060000	488000		63000			1470	1070000	167				16500			99
NIST 1575a Meas	50			4270000				945000	506000		60000			1420	1140000	265				17200			160
NIST 1575a Cert	39.9			4170000				1060000	488000		63000			1470	1070000	167				16500			99
NIST 1575a Meas	50			4020000				905000	475000		56000			1260	1070000	177				16400			190
NIST 1575a Cert	39.9			4170000				1060000	488000		63000			1470	1070000	167				16500			99
CDV-1 Meas	50			1710000	2290	330		1170000	412000	190	52000	49		5810	420000	934				2150		30	420
CDV-1 Cert	41			1800000	2310	560		1310000	413000	200	60000	60		6400	400000	1330				2600		30	300
CDV-1 Meas	50			1560000	2220	320		1080000	393000	180	49000	48		5470	350000	899				2140		13	320
CDV-1 Cert	41			1800000	2310	560		1310000	413000	200	60000	60		6400	400000	1330				2600		30	300
CDV-1 Meas	50			1660000	2450	320		1160000	410000	180	51000	50		5920	386000	995				2100		20	380
CDV-1 Cert	41			1800000	2310	560		1310000	413000	200	60000	60		6400	400000	1330				2600		30	300
CDV-1 Meas	60			1600000	2330	340		1090000	381000	200	49000	43		6550	355000	971				2030		18	210
CDV-1 Cert	41			1800000	2310	560		1310000	413000	200	60000	60		6400	400000	1330				2600		30	300
172015 Orig	40	0.5	< 0.2	599000	32	10	< 0.4	176000	222000	20	8000	4	27	130	140000	1000	0.2	7	< 0.2	900	< 0.2	21	40
172015 Dup	40	0.9	< 0.2	596000	38	20	< 0.4	170000	207000	< 10	9000	4	29	100	140000	837	0.2	7	< 0.2	980	< 0.2	27	40
172030 Orig	50	0.5	< 0.2	1640000	15	< 10	< 0.4	448000	204000	< 10	7000	2	16	50	59000	343	0.2	4	< 0.2	3910	< 0.2	12	20
172030 Dup	40	< 0.4	< 0.2	1340000	12	< 10	< 0.4	364000	192000	< 10	6000	< 2	13	40	45000	304	0.2	3	< 0.2	3200	< 0.2	11	10
172045 Orig	40	0.5	< 0.2	751000	25	< 10	< 0.4	213000	172000	20	11000	3	18	90	114000	511	< 0.1	6	< 0.2	1400	< 0.2	62	40
172045 Dup	40	0.4	< 0.2	1040000	17	< 10	< 0.4	299000	253000	20	12000	5	18	40	146000	452	0.2	4	< 0.2	1600	< 0.2	54	30
172060 Orig	30	0.4	0.3	787000	17	< 10	< 0.4	311000	176000	< 10	7000	6	14	40	139000	377	0.2	4	< 0.2	2160	< 0.2	36	40
172060 Dup	20	< 0.4	< 0.2	843000	14	< 10	< 0.4	319000	169000	< 10	7000	2	14	20	122000	300	0.2	4	< 0.2	2450	< 0.2	47	20
172075 Orig	30	0.6	< 0.2	896000	42	< 10	< 0.4	306000	555000	< 10	8000	4	22	80	134000	931	< 0.1	7	< 0.2	970	< 0.2	46	20
172075 Dup	20	< 0.4	< 0.2	807000	21	< 10	< 0.4	289000	548000	< 10	6000	2	20	150	111000	583	< 0.1	4	< 0.2	830	< 0.2	45	40
172090 Orig	20	< 0.4	0.5	724000	14	< 10	< 0.4	359000	267000	< 10	7000	7	13	130	134000	466	< 0.1	4	< 0.2	1010	< 0.2	< 5	30
172090 Dup	20	< 0.4	1.4	767000	13	< 10	< 0.4	365000	260000	< 10	7000	7	13	170	119000	476	< 0.1	4	< 0.2	1020	< 0.2	7	30
172105 Orig	70	1.3	3.3	579000	54	20	< 0.4	298000	316000	10	14000	9	46	210	202000	1880	< 0.1	14	< 0.2	1310	< 0.2	56	150
172105 Dup	50	1.2	0.8	503000	42	10	< 0.4	273000	289000	< 10	12000	6	37	180	190000	1540	< 0.1	10	< 0.2	1140	< 0.2	51	110
172120 Orig	20	< 0.4	1.0	844000	13	< 10	0.6	294000	427000	< 10	8000	3	12	120	146000	337	< 0.1	3	< 0.2	1280	< 0.2	21	< 10
172120 Dup	30	< 0.4	0.3	818000	11	< 10	< 0.4	277000	342000	< 10	9000	4	9	110	133000	383	< 0.1	2	< 0.2	1260	< 0.2	27	80
172135 Orig	10	< 0.4	< 0.2	1210000	23	< 10	< 0.4	660000	1030000	< 10	11000	5	10	90	185000	158	0.8	< 2	< 0.2	1860	< 0.2	13	170
172135 Dup	10	< 0.4	< 0.2	1060000	54	< 10	< 0.4	602000	952000	< 10	10000	4	27	50	151000	133	0.8	8	< 0.2	1620	< 0.2	< 5	130
172150 Orig	40	0.6	< 0.2	545000	32	< 10	0.4	249000	149000	10	10000	3	22	110	109000	666	< 0.1	7	< 0.2	900	< 0.2	19	40
172150 Dup	40	0.5	< 0.2	588000	26	< 10	< 0.4	257000	155000	< 10	11000	3	19	100	114000	669	< 0.1	6	< 0.2	880	< 0.2	22	30
172165 Orig	40	< 0.4	< 0.2	951000	20	< 10	< 0.4	388000	465000	< 10	9000	2	14	110	147000	395	< 0.1	3	< 0.2	1170	< 0.2	11	< 10
172165 Dup	30	< 0.4	< 0.2	909000	17	< 10	< 0.4	363000	426000	< 10	8000	< 2	15	120	151000	363	< 0.1	3	< 0.2	1170	< 0.2	9	10
172180 Orig	20	< 0.4	< 0.2	813000	15	< 10	0.4	302000	408000	< 10	12000	2	10	150	143000	489	< 0.1	3	< 0.2	890	< 0.2	71	10
172180 Dup	20	< 0.4	< 0.2	842000	16	< 10	< 0.4	305000	408000	< 10	9000	< 2	11	130	149000	369	< 0.1	3	< 0.2	930	< 0.2	90	20
172195 Orig	50	0.4	< 0.2	628000	16	< 10	1.4	274000	296000	< 10	10000	< 2	12	80	110000	400	0.4	4	< 0.2	880	< 0.2	16	10
172195 Dup	50	< 0.4	< 0.2	589000	18	< 10	< 0.4	248000	268000	< 10	10000	3	10	50	128000	335	0.2	3	< 0.2	870	< 0.2	22	< 10

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	10	0.4	0.2	10	3	10	0.4	1000	100	10	1000	2	5	10	3000	5	0.1	2	0.2	20	0.2	5	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172210 Orig	20	< 0.4	< 0.2	982000	20	10	< 0.4	255000	266000	20	8000	13	12	70	179000	523	0.2	4	< 0.2	1800	< 0.2	13	30
172210 Dup	10	< 0.4	< 0.2	835000	19	< 10	< 0.4	225000	225000	10	7000	9	13	90	158000	526	0.1	3	< 0.2	1570	< 0.2	15	30
172225 Orig	30	0.6	< 0.2	795000	15	< 10	< 0.4	330000	142000	< 10	10000	5	10	90	147000	487	< 0.1	4	< 0.2	1100	< 0.2	12	30
172225 Dup	30	< 0.4	< 0.2	713000	13	< 10	< 0.4	301000	129000	< 10	10000	3	11	70	143000	408	< 0.1	3	< 0.2	1050	< 0.2	< 5	30
172240 Orig	30	0.5	< 0.2	969000	26	< 10	0.5	297000	434000	< 10	6000	3	14	100	147000	603	< 0.1	4	< 0.2	1110	< 0.2	< 5	50
172240 Dup	30	< 0.4	< 0.2	977000	20	< 10	< 0.4	299000	439000	< 10	8000	4	13	90	137000	577	< 0.1	4	< 0.2	1100	< 0.2	10	30
172255 Orig	20	< 0.4	< 0.2	708000	9	< 10	< 0.4	249000	247000	< 10	9000	2	6	70	130000	235	< 0.1	2	< 0.2	1030	< 0.2	9	20
172255 Dup	20	< 0.4	< 0.2	773000	8	< 10	< 0.4	259000	251000	< 10	7000	3	6	110	142000	445	< 0.1	< 2	< 0.2	1140	< 0.2	7	20
172270 Orig	20	< 0.4	< 0.2	730000	7	< 10	< 0.4	275000	194000	< 10	6000	3	5	90	159000	280	< 0.1	< 2	< 0.2	1180	< 0.2	< 5	< 10
172270 Dup	10	< 0.4	< 0.2	732000	6	10	< 0.4	273000	188000	< 10	5000	2	< 5	100	148000	318	< 0.1	< 2	< 0.2	1220	< 0.2	< 5	10
172285 Orig	10	< 0.4	< 0.2	706000	9	10	< 0.4	234000	155000	< 10	5000	2	8	120	137000	359	< 0.1	< 2	< 0.2	1200	< 0.2	7	20
172285 Dup	10	< 0.4	< 0.2	743000	7	10	< 0.4	242000	154000	< 10	5000	3	7	80	159000	309	< 0.1	< 2	< 0.2	1180	< 0.2	6	20
172300 Orig	10	< 0.4	< 0.2	716000	24	< 10	< 0.4	229000	503000	< 10	7000	2	14	70	117000	334	0.1	3	< 0.2	1110	< 0.2	23	< 10
172300 Dup	30	< 0.4	0.5	664000	17	< 10	0.4	242000	165000	< 10	5000	5	8	80	118000	415	< 0.1	2	< 0.2	950	< 0.2	28	< 10
172315 Orig	20	0.4	< 0.2	1030000	15	< 10	< 0.4	244000	306000	10	5000	< 2	9	150	161000	246	< 0.1	3	< 0.2	1310	< 0.2	22	< 10
172315 Dup	20	< 0.4	< 0.2	909000	11	< 10	< 0.4	210000	264000	10	6000	2	6	120	123000	230	< 0.1	2	< 0.2	1140	< 0.2	13	< 10
172330 Orig	< 10	< 0.4	< 0.2	1680000	6	< 10	< 0.4	532000	590000	< 10	5000	< 2	6	40	213000	182	0.3	< 2	< 0.2	3220	< 0.2	13	80
172330 Dup	10	< 0.4	< 0.2	1530000	23	< 10	< 0.4	504000	551000	< 10	6000	< 2	< 5	50	177000	235	0.3	< 2	< 0.2	2910	< 0.2	7	90
172345 Orig	30	< 0.4	< 0.2	748000	42	< 10	< 0.4	349000	267000	10	10000	3	26	150	127000	674	< 0.1	7	< 0.2	1110	< 0.2	11	< 10
172360 Orig	20	< 0.4	< 0.2	1550000	30	< 10	< 0.4	429000	799000	< 10	7000	< 2	15	140	265000	296	< 0.1	4	< 0.2	1690	< 0.2	14	110
172360 Dup	20	0.6	< 0.2	1620000	31	< 10	< 0.4	465000	857000	< 10	7000	3	24	140	302000	290	< 0.1	4	< 0.2	1750	< 0.2	11	100
172375 Orig	30	< 0.4	< 0.2	965000	14	< 10	< 0.4	323000	465000	< 10	6000	5	13	170	145000	400	0.2	3	< 0.2	1330	< 0.2	11	20
172375 Dup	30	< 0.4	< 0.2	924000	16	< 10	< 0.4	301000	425000	< 10	7000	4	11	130	138000	406	0.2	3	< 0.2	1290	< 0.2	5	20
172390 Orig	20	< 0.4	< 0.2	1020000	20	< 10	< 0.4	274000	353000	< 10	6000	< 2	12	90	129000	339	< 0.1	3	< 0.2	1090	< 0.2	< 5	< 10
172390 Dup	20	< 0.4	0.2	1040000	108	< 10	0.4	290000	387000	< 10	7000	3	15	140	159000	424	0.1	6	< 0.2	1210	< 0.2	10	< 10
172405 Orig	40	< 0.4	< 0.2	762000	43	< 10	< 0.4	329000	332000	< 10	9000	< 2	18	230	153000	538	0.2	5	< 0.2	920	< 0.2	7	50
172405 Dup	30	< 0.4	< 0.2	796000	16	< 10	< 0.4	352000	350000	< 10	7000	4	13	120	138000	489	< 0.1	4	< 0.2	950	< 0.2	10	20
172420 Orig	20	< 0.4	< 0.2	656000	16	< 10	< 0.4	262000	311000	< 10	8000	< 2	11	100	109000	491	0.1	3	< 0.2	860	< 0.2	7	20
172420 Dup	30	< 0.4	< 0.2	816000	22	< 10	< 0.4	345000	400000	< 10	8000	2	18	150	152000	580	0.1	5	< 0.2	980	< 0.2	11	30
172435 Orig	40	0.7	< 0.2	961000	61	10	< 0.4	376000	330000	10	12000	3	32	220	159000	1370	0.1	10	< 0.2	1540	< 0.2	46	50
172435 Dup	40	1.3	< 0.2	916000	35	< 10	< 0.4	369000	321000	10	9000	3	30	210	131000	1270	< 0.1	7	< 0.2	1460	< 0.2	27	80
172448 Orig	20	< 0.4	< 0.2	757000	23	< 10	< 0.4	271000	297000	< 10	13000	2	17	120	128000	513	< 0.1	6	< 0.2	1370	< 0.2	7	10
172448 Dup	30	< 0.4	0.2	756000	17	< 10	< 0.4	281000	305000	< 10	16000	4	11	110	114000	596	< 0.1	3	< 0.2	1360	< 0.2	13	20
Method Blank	< 10	< 0.4	< 0.2	< 10	< 3	< 10	< 0.4	< 1000	< 100	< 10	2000	3	< 5	< 10	< 3000	84	< 0.1	< 2	< 0.2	< 20	< 0.2	< 5	20
Method Blank	< 10	< 0.4	< 0.2	< 10	< 3	< 10	< 0.4	< 1000	< 100	< 10	1000	3	< 5	20	< 3000	99	< 0.1	< 2	< 0.2	< 20	< 0.2	< 5	10

QC

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
NIST 1575a Meas																36700	
NIST 1575a Cert																38000	
NIST 1575a Meas																35500	
NIST 1575a Cert																38000	
NIST 1575a Meas																38200	
NIST 1575a Cert																38000	
NIST 1575a Meas																35900	

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
NIST 1575a Cert																38000	
CDV-1 Meas		90	111000			49	473	29100			148	5910		1430		21900	1310
CDV-1 Cert		80	122000			40	610	30000			170	4200		1410		23300	1290
CDV-1 Meas		30	110000			17	400	22700			145	5380		1370		20500	1280
CDV-1 Cert		80	122000			40	610	30000			170	4200		1410		23300	1290
CDV-1 Meas		40	120000			38	357	25200			140	5860		1480		22400	1290
CDV-1 Cert		80	122000			40	610	30000			170	4200		1410		23300	1290
CDV-1 Meas		100	113000			40	406	23000			166	5390		1410		21000	1160
CDV-1 Cert		80	122000			40	610	30000			170	4200		1410		23300	1290
172015 Orig	6	< 30	13300	< 1	< 2	20	21	300	6.2	0.1	2.2	80	< 5	16	< 3	57500	30
172015 Dup	8	< 30	13400	< 1	< 2	13	20	300	6.2	0.3	2.4	60	6	19	< 3	55100	20
172030 Orig	4	< 30	30600	< 1	< 2	34	10	< 200	26.1	0.2	1.1	20	< 5	11	< 3	100000	< 20
172030 Dup	< 2	< 30	26700	< 1	< 2	19	8	300	21.7	< 0.1	0.9	< 20	< 5	10	< 3	88500	< 20
172045 Orig	4	< 30	26200	< 1	< 2	< 5	6	< 200	10.3	< 0.1	2.6	50	< 5	13	< 3	77500	< 20
172045 Dup	4	< 30	32300	< 1	< 2	< 5	7	300	13.9	0.1	1.3	60	< 5	14	< 3	112000	< 20
172060 Orig	< 2	< 30	52900	< 1	< 2	11	5	200	9.4	0.1	1.5	40	6	8	< 3	117000	< 20
172060 Dup	< 2	< 30	49700	< 1	< 2	10	5	300	12.2	0.1	0.9	30	5	10	< 3	118000	< 20
172075 Orig	8	< 30	5250	< 1	< 2	< 5	7	200	7.4	0.3	2.0	70	< 5	16	< 3	64500	20
172075 Dup	4	< 30	5000	< 1	< 2	< 5	6	300	5.2	< 0.1	1.6	50	< 5	11	< 3	66300	20
172090 Orig	4	< 30	3360	2	< 2	< 5	< 1	300	10.2	0.2	1.5	20	8	12	< 3	52300	< 20
172090 Dup	3	< 30	3300	2	< 2	< 5	< 1	200	10.3	< 0.1	1.6	20	10	8	< 3	49800	20
172105 Orig	9	< 30	3460	< 1	< 2	< 5	15	1000	22.9	0.5	4.4	150	10	35	< 3	72000	30
172105 Dup	5	< 30	3110	< 1	< 2	< 5	13	700	20.1	0.3	3.4	110	11	25	< 3	66200	< 20
172120 Orig	< 2	< 30	2950	< 1	< 2	< 5	11	< 200	14.6	< 0.1	1.0	< 20	7	7	< 3	76300	< 20
172120 Dup	< 2	< 30	2870	< 1	< 2	< 5	10	200	12.2	0.3	0.9	< 20	16	8	< 3	72100	< 20
172135 Orig	< 2	< 30	181000	< 1	< 2	101	12	< 200	5.3	< 0.1	< 0.5	< 20	5	< 4	< 3	85000	< 20
172135 Dup	7	< 30	165000	< 1	< 2	82	10	< 200	2.2	< 0.1	< 0.5	< 20	22	4	< 3	77600	< 20
172150 Orig	4	< 30	16900	< 1	< 2	8	13	500	4.3	0.2	1.7	70	< 5	20	< 3	92400	30
172150 Dup	3	< 30	17900	< 1	< 2	18	10	300	2.8	0.3	1.6	60	< 5	16	< 3	97800	30
172165 Orig	3	< 30	3480	< 1	< 2	7	6	200	< 0.5	< 0.1	0.6	20	< 5	10	< 3	86700	< 20
172165 Dup	3	< 30	3270	< 1	< 2	< 5	6	200	< 0.5	0.1	0.9	< 20	< 5	7	< 3	78600	< 20
172180 Orig	2	< 30	2180	< 1	< 2	5	14	400	7.4	0.1	0.6	30	< 5	8	< 3	55800	< 20
172180 Dup	< 2	< 30	2190	< 1	< 2	13	9	200	6.7	0.1	0.5	40	7	7	< 3	53800	< 20
172195 Orig	< 2	< 30	87300	< 1	< 2	66	9	400	0.8	0.1	0.6	30	< 5	13	< 3	135000	20
172195 Dup	2	< 30	80100	< 1	< 2	56	7	200	< 0.5	0.1	0.6	20	< 5	8	< 3	122000	< 20
172210 Orig	5	< 30	38000	1	< 2	< 5	24	400	14.3	0.1	1.2	30	17	6	< 3	80800	20
172210 Dup	5	< 30	31800	1	< 2	< 5	16	300	13.1	0.1	0.8	30	11	7	< 3	67700	20
172225 Orig	2	< 30	3860	< 1	< 2	< 5	14	< 200	9.2	< 0.1	1.0	30	7	11	< 3	63200	< 20
172225 Dup	< 2	< 30	3370	< 1	< 2	< 5	11	200	7.6	0.1	0.5	20	< 5	8	< 3	57900	< 20
172240 Orig	6	< 30	2590	< 1	< 2	< 5	25	700	14.0	< 0.1	1.6	40	6	13	< 3	54300	30
172240 Dup	< 2	< 30	2630	< 1	< 2	< 5	16	400	11.2	0.2	0.9	50	6	11	< 3	55000	20
172255 Orig	3	< 30	5360	< 1	< 2	< 5	7	< 200	14.8	< 0.1	< 0.5	< 20	< 5	< 4	< 3	51300	< 20
172255 Dup	2	< 30	5520	< 1	< 2	< 5	7	< 200	19.6	< 0.1	< 0.5	< 20	7	< 4	< 3	52400	< 20
172270 Orig	< 2	< 30	3130	< 1	< 2	< 5	20	300	16.9	< 0.1	< 0.5	< 20	7	< 4	< 3	55700	< 20
172270 Dup	< 2	< 30	2970	< 1	< 2	< 5	10	< 200	14.5	< 0.1	< 0.5	< 20	< 5	< 4	< 3	55500	< 20
172285 Orig	< 2	< 30	2210	< 1	< 2	< 5	7	200	8.0	0.1	< 0.5	< 20	6	5	< 3	40800	< 20
172285 Dup	2	< 30	2210	< 1	< 2	< 5	6	< 200	8.2	< 0.1	< 0.5	< 20	< 5	< 4	< 3	40900	< 20
172300 Orig	< 2	< 30	3680	< 1	< 2	6	< 1	400	5.9	< 0.1	< 0.5	20	< 5	6	< 3	49700	< 20

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	30	50	1	2	5	1	200	0.5	0.1	0.5	20	5	4	3	100	20
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
172300 Dup	< 2	< 30	2930	< 1	< 2	6	6	200	10.7	0.1	1.0	40	< 5	10	< 3	59200	20
172315 Orig	< 2	< 30	2050	< 1	< 2	< 5	8	300	10.0	< 0.1	< 0.5	< 20	< 5	9	< 3	50700	< 20
172315 Dup	3	< 30	1740	< 1	< 2	< 5	7	< 200	9.0	< 0.1	< 0.5	20	< 5	< 4	< 3	41500	< 20
172330 Orig	< 2	< 30	58000	< 1	< 2	32	4	< 200	10.8	< 0.1	< 0.5	< 20	< 5	4	< 3	61000	< 20
172330 Dup	< 2	< 30	54700	< 1	< 2	22	11	300	11.7	< 0.1	0.7	< 20	< 5	< 4	< 3	59100	< 20
172345 Orig	6	< 30	5970	< 1	< 2	< 5	8	600	16.9	0.2	1.5	40	6	21	< 3	99900	30
172360 Orig	3	< 30	8650	< 1	< 2	6	5	500	9.2	0.3	1.1	40	6	8	< 3	55800	< 20
172360 Dup	3	< 30	9310	< 1	< 2	< 5	6	500	7.0	0.2	0.7	30	< 5	11	< 3	58500	20
172375 Orig	< 2	< 30	2460	< 1	< 2	< 5	9	< 200	10.4	0.1	< 0.5	30	5	6	< 3	54900	< 20
172375 Dup	< 2	< 30	2370	< 1	< 2	< 5	6	200	11.0	< 0.1	< 0.5	30	6	6	< 3	48900	< 20
172390 Orig	< 2	< 30	2420	< 1	< 2	< 5	10	300	8.1	< 0.1	< 0.5	30	< 5	5	< 3	61300	< 20
172390 Dup	4	< 30	2600	< 1	< 2	< 5	9	< 200	8.7	0.1	1.0	30	10	8	< 3	70200	< 20
172405 Orig	3	60	2330	< 1	< 2	< 5	7	500	12.2	< 0.1	0.7	40	56	10	< 3	70200	< 20
172405 Dup	2	< 30	2460	< 1	< 2	< 5	8	400	14.4	0.1	0.8	40	5	8	< 3	75900	30
172420 Orig	3	60	2470	< 1	< 2	< 5	4	< 200	11.0	0.1	0.8	40	< 5	9	< 3	57200	< 20
172420 Dup	5	< 30	3090	< 1	< 2	< 5	6	300	13.9	0.2	0.9	60	10	12	< 3	75100	< 20
172435 Orig	7	60	3020	< 1	< 2	19	5	800	7.2	0.2	1.9	100	< 5	26	3	62300	30
172435 Dup	4	< 30	2890	< 1	< 2	< 5	6	600	8.1	0.1	2.2	90	10	18	< 3	59900	20
172448 Orig	5	40	3570	< 1	< 2	< 5	5	< 200	11.2	< 0.1	< 0.5	40	19	8	< 3	50200	< 20
172448 Dup	2	80	3690	< 1	< 2	< 5	5	300	12.1	0.1	0.6	30	9	11	< 3	50100	< 20
Method Blank	< 2	< 30	< 50	< 1	< 2	< 5	4	< 200	1.8	< 0.1	< 0.5	< 20	14	< 4	< 3	200	20
Method Blank	< 2	< 30	< 50	< 1	< 2	< 5	3	< 200	< 0.5	< 0.1	< 0.5	< 20	8	< 4	< 3	100	< 20