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Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: 2016 Soil Sampling Program on the Honeymoon Propert **TOTAL COST:** $26,269.73

AUTHOR(S): K. Krueger, B.Sc., P.Geo. **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): Not required **YEAR OF WORK:** 2016

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event No. 5625883 (November 14, 2016)

PROPERTY NAME: Honeymoon Property

CLAIM NAME(S) (on which the work was done): Tenure 673988, 1039985 (LUCKY BEAR 1)

COMMODITIES SOUGHT: Gold, Copper, Silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Kamloops **NTS/BCGS:** 82M05

LATITUDE: 51 ° 16 ' 41 " **LONGITUDE:** 119 ° 36 ' 34 " **(at centre of work)**

OWNER(S):
1) SolidusGold Inc. 2)

MAILING ADDRESS:
Suite 2560 - 200 Granville Street, Vancouver, BC
PO Box 36, V6C 1S4

OPERATOR(S) [who paid for the work]:
1) SolidusGold Inc. 2)

MAILING ADDRESS:
Suite 2560 - 200 Granville Street, Vancouver, BC
PO Box 36, V6C 1S4

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Orthogneiss, paragneiss,quartz monzonite, Devonian, Mississippian, steeply-dipping veins, gold, copper, silver

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 2654, 6473, 26215, 29378, 29407, 29569, 29709, 29960, 30869, 32076, 33190, 35230

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	152 soil samples	673988, 1039985 (LUCKY BEAR 1)	$26,269.73
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$26,269.73

SOLIDUSGOLD INC.

2016 SOIL SAMPLING PROGRAM ON THE HONEYMOON PROPERTY

EAST OF BARRIERE, BRITISH COLUMBIA

Kamloops Mining Division

Geographic Coordinates
51°16'41.61"N
119°36'34.37"W

NTS Sheets: 82M/04, 82M/05, 82M/06

Owner & Operator:	SolidusGold Inc. 10th Floor, 595 Howe Street Vancouver, British Columbia V6C 2T5
Consultant:	Dahrouge Geological Consulting Ltd. 18, 10509 - 81 Avenue Edmonton, Alberta T6E 1X7
Author:	K. Krueger, B.Sc., P. Geo.
Date Submitted:	February 2, 2017

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1. INTRODUCTION

This report describes the exploration completed in 2016 on the group of mineral tenures referred to as the Honeymoon Property (the "Property"), located in southeast British Columbia (Table 1). The tenures are currently held by SolidusGold Inc. A statement of work has been filed with respect to the exploration described in this report (Event Number 5625883).

Dahrouge Geological Consulting Ltd. was contracted to perform exploration on the Property in 2016. The field program was completed in mid-November and focused on the western portion of the property, near the Lucky Bear and NSP showings. Exploration consisted solely of soil sampling. The area of exploration lies within the traditional territory of the Simpcw First Nation.

1.1 GEOGRAPHIC SETTING

1.1.1 Location and Access

The Honeymoon Property is located approximately 35 km east-northeast of Barriere, BC. Barriere is 66 km from Kamloops via Highway BC-5 N. From Barriere, the northern portion of the Property is best accessed via the Barriere Lakes Road, connecting to East Barriere Lake Forest Service Road. The southern portion of the Property may be accessed via the Agate Bay Road, connecting to Adams Lake West Forest Service Road.

Local access throughout the Honeymoon Property is by an extensive network of four-wheel-drive logging roads, branching off from East Barriere Lake Forest Service Road and Adams Lake West Forest Service Road. Trails and roads that were no longer suitable for truck access were traversed on foot.

Figure 1. Property Location

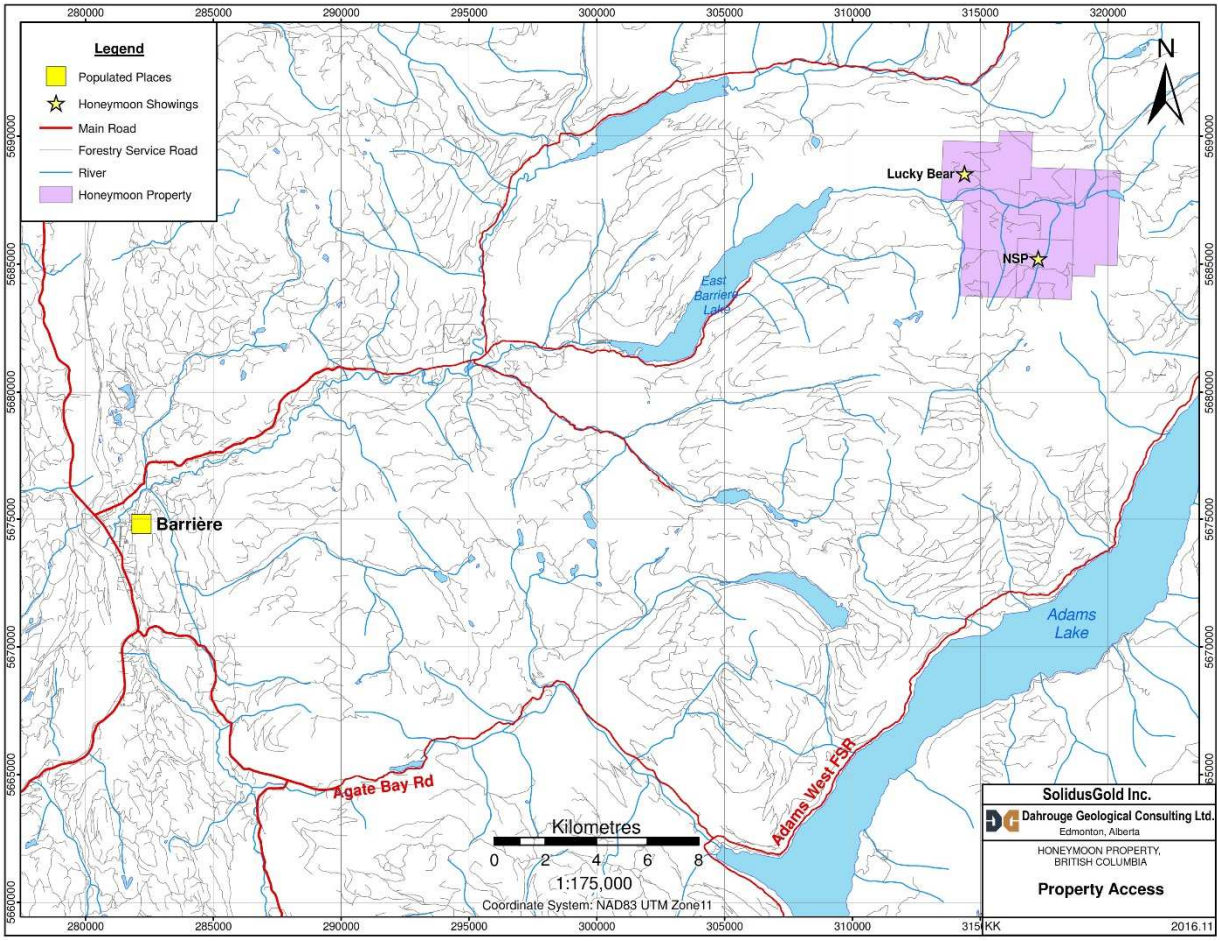


Figure 2. Property Access

1.1.2 Topography, Vegetation and Climate

The Honeymoon Property is tree covered, but areas have been extensively logged, with numerous haul roads, spur roads, and skidder trails or dozer trails throughout. Approximately 40% of the Property has been logged, providing good access and exposing new outcrop. Tree harvesting is active at various locations on the Property. Several of the oldest logging roads are brushing in and/or have immature trees growing on them. Topography ranges from 400 meters at Adams Lake level to rolling plateau tops reaching elevations of 1,920 meters on the central west side of the Property. Summers are warm and dry, with temperatures up to 30 degrees Celsius. Winters are long and cold, with temperatures reaching lows of -30 degrees Celsius. The field season, when snow is minimal (depending on the elevation), is generally from late April to late October.

The property is located within the Northern Wet-Belt Climatic Region and the North Wet-Belt Transition Climatic Region (Lloyd et al 1990). More specifically, it is within the Interior Cedar Hemlock (ICHmk2, ICHmw3, ICHmw2) Biogeoclimatic Zone (BGCZ), the Engelmann Spruce Sub-Alpine Fir (ESSFdc2, ESSFwc2) BGCZ, Interior Douglas-fir (IDFmw2) BGCZ, and the Montane Spruce (MSdm2) BGCZ. The Interior Cedar Hemlock (ICH) climate is continental, dominated by easterly moving air masses, resulting in cool, wet winters and warm, moderately dry summers. Snow fall is moderate to high, and can reach extremes of more than 2 metres. Frost occurrences during the summer are uncommon.

There are three large lakes in the Honeymoon Property Area: Adams Lake, East Barriere Lake and North Barriere Lake, which may moderate the effects of the climate conditions. Likewise, the proximity of the Dunn Peak snow pack may also influence climatic conditions at Russell Creek and Sprague Creek, especially in the spring and fall.

1.2 PROPERTY

The Honeymoon Property consists of 4 mineral tenures, with a total area of 3,415 hectares (Table 1; Figure 3). SolidusGold Inc. currently holds 100% ownership of the tenures. SolidusGold Inc. previously held the tenures under their former name, Mantra Capital Inc. The tenures were originally optioned by Mantra Capital Inc. from prospector David James Piggin on September 3rd, 2013.

Table 1. Honeymoon Property Claims

Tenure No.	Claim Name	Owner	Issue Date	Good to Date	Area (ha)
673988		SolidusGold Inc. (100%)	Nov. 24, 2009	Oct. 14, 2017	505.43
838129	HONEY10	SolidusGold Inc. (100%)	Nov. 11, 2010	Oct. 14, 2017	505.17
1039985	LUCKYBEAR 1	SolidusGold Inc. (100%)	Nov. 16, 2015	Oct. 14, 2017	1717.70
1039990	HONEY	SolidusGold Inc. (100%)	Nov. 16, 2015	Oct. 14, 2017	687.13

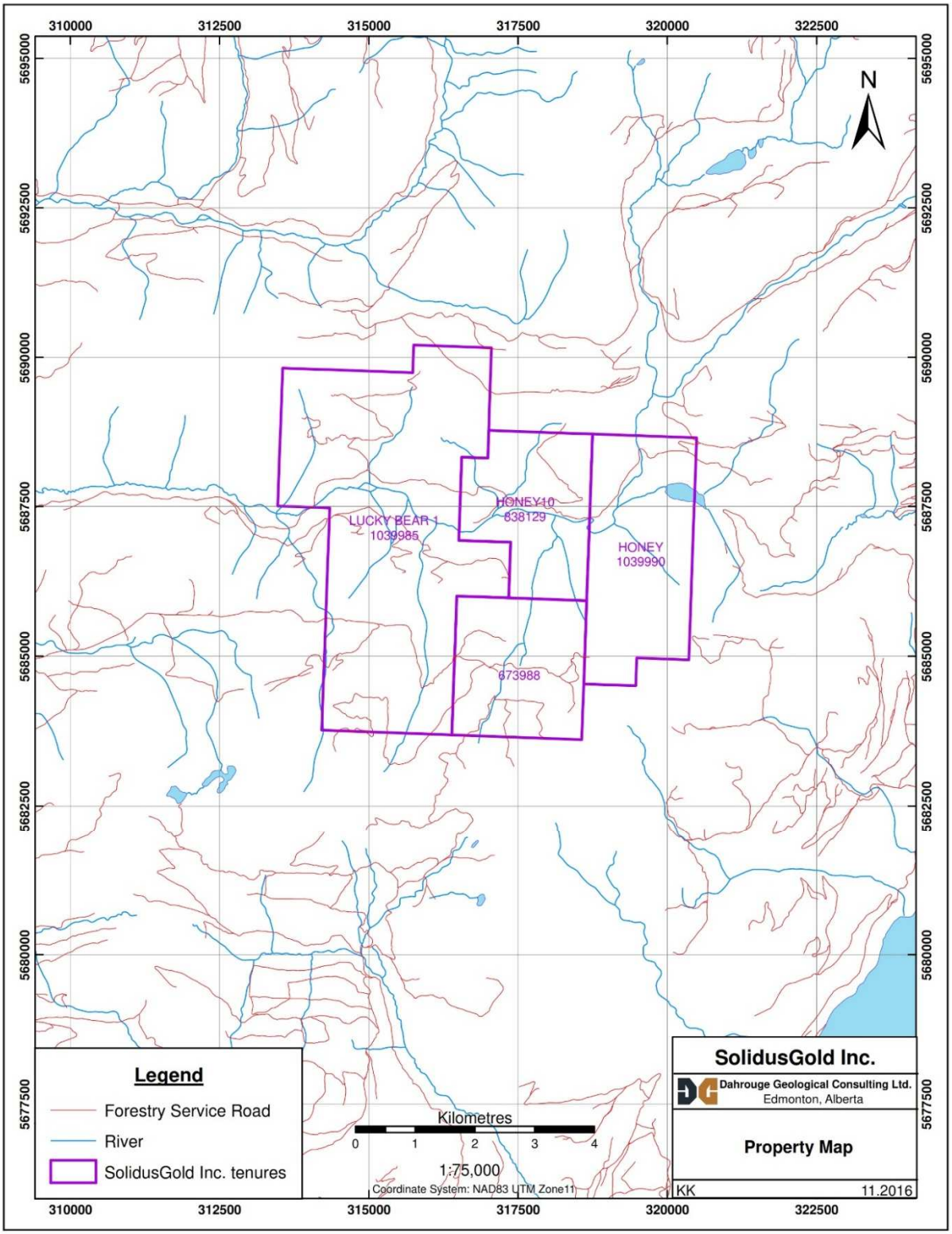


Figure 3. Honeymoon Property

1.3 HISTORY AND PREVIOUS INVESTIGATIONS

The early history of exploration on the Honeymoon Property is not well known, although historic placer mining was conducted on Spapilem Creek and on tributaries of East Barriere Lake. A brief summary of more recent history in the property area is given in Table 2, with all major showings illustrated in Figure 5. The Cam-Gloria discovery to the west side of the property was made by Berubé in 1997, following up the release of the results of a BCGS till survey (OF-1997-9; samples 208; 292). This occurrence was drilled by Teck Corp. in 1999. Details of the history of the Honeymoon claims area have been summarized by Britliffe and Piggin, 2012. Prospecting, trenching and sampling by C. Berubé and D. Piggin is summarized in a number of assessment and prospectors reports (Table 3; Section 6).

Table 2. Summary of Honeymoon Property Area History

Year	Operator	Showing	Work Conducted
1997-1998	Camille Berubé	Cam-Gloria	Follow-up of 1997 BCGS till survey resulted in discovery of showing; conducted prospecting, trenching, and rock sampling. 2 blast trenches-60 m^2
1999	Teck Corp.	Cam-Gloria	Optioned property and conducted 1:10,000 geological mapping, with 4.7 km^2. grid to support VLF survey; trenched 390 m with excavator in 13 trenches and pits; completed 7 NQ diamond drill holes (total 836.0 m of drilling)
2006	Dave Piggin	Mal-001, Mal-002	New Cu, Ag prospects were discovered prospecting, sampling included 21 stream sediments, 16 moss mats, 15 rock samples
2007	Dave Piggin	Spapilem	Discovered new quartz-magnetite veins with Au values; prospecting and hand trenching, 10 stream sediments, 74 rock samples, 5 moss mats
2008-2009	Acrex Mining		Prospecting and physical work, including 1 stream sediment, 1 moss mat, 30 rock samples, petrology
2010	Dave Piggin	Spapilem	Prospecting, 41 stream sediments, 42 moss mats, 60 rock samples
2011-2012	Astral Mining	All showings	Visited and sampled all prospects, analyzed soils (502 samples) from Spapilem grid; helicopter Mag-EM survey by Fugro Airborne Surveys (901 line km)

2014	SolidusGold Inc.	All showings	Mapped and sampled all showing areas, analyzed soils (931 samples), rock (51 samples) and stream pan concentrate sediments (5 samples), archaeological investigation by the Adams Lake First Nations Band

Table 3. Assessment and Prospector Reports in the Honeymoon Property Area

Report Number	Operator	Author	Date
AR02654	Royal Canadian Ventures Ltd.	N.B. Vollo, P.Geo	Oct. 8, 1970
AR06473	Marston Fennell, Prospector	M. Fennell	Nov. 2, 1977
PR1998-23	C. Berubé, Prospector	C. Berubé	Aug. 26, 1998
PR1998-43	D. Piggin, Prospector	D. Piggin	Jan. 4, 1999
PR1999-2	C. Berubé, Prospector	C. Berubé	Oct.22, 1999
AR26215	Teck Corp.	G. Evans, P.Geo	Dec. 1999
PR2000-22	L. Piggin, Prospector	L. Piggin	Nov. 2000
AR29378	D. Piggin, Prospector	D.J. Piggin	Jul. 4, 2007
AR29407	D. Piggin, Prospector	D.J. Piggin	Nov. 18, 2007
AR29569	D. Piggin, Prospector	D.J. Piggin	Aug. 26, 2007
AR29709	D. Piggin, Prospector	D.J. Piggin	Dec. 20, 2007
AR29960	D. Piggin, Prospector	D.J. Piggin	Mar. 1, 2008
AR30869	D. Piggin, Prospector	D.J. Piggin	June 2, 2009
AR32076	Astral Mining Corp.	D.J. Piggin	June 7, 2011
AR33190	Astral Mining Corp.	D.J. Piggin	July 18, 2012
AR35230	SolidusGold Inc.	J. Gorham, P.Geo.	Jan. 21, 2015

In 1999, Teck Corp. drilled 7 NQ holes for a total of 836 metres, and 149 core samples were split and analyzed for gold and 30-element ICP (Evans, 1999). The drilling tested only the core area of the Cam-Gloria showing for continuity of the main vein. In addition, they

constructed 13 trenches, totaling 390 line metres, and several pits. A 4 line-km ground VLF survey was also conducted over the Cam-Gloria showings.

The following is an overview of their 1999 trenching and drilling results:

- **(i)** Trench 99-01: Up to 9.36 g/t Au over 2 metres. Main vein averages 5.2 metres wide at surface and is typically milky with quartz vein with minor hematite on fractures. Sample #5220 with 1 m interval: 17.62 g/t Au, 66.2 g/t Ag, 745 Bi, 1372 Pb.
- **(ii)** Trench 99-02: Sample #5233 - 2.65 g/t Au, Sample #5234 – 7.12 g/t Au.
- **(iii)** Drill Hole CC99-01: Drilled below Trench 99-01. Encountered the main vein (10.7 metres) and its altered structure (33 metre interval). Suggests 60 degree dip to the NW. Sulphide-rich upper portion contained a 1 m section 9.57 g/t Au, 128.4 g/t Ag, 160 ppm Bi, 1896 ppm Pb.
- **(iv)** Drill Hole CC99-03: Tested the down dip of Berubé Trench #2 on the thickest part of the vein. Intersected 7.3 m interval of the main vein within a 27.9 m interval of altered shear zone. The highest value was 1.1 metres grading 0.685 g/t Au, 8.6 g/t Ag, 25 ppm Bi, and 376 ppm Pb.

The following is a summary of the MINFILE Occurrences and Showings on/near the Honeymoon Property:

NSP MINFILE 082M-127: This occurrence is apparently located within Tenure 673988. Bruce Madu, P.Geo. Ministry of Natural Resource Operations advised this was a Noranda Inc. option from the 1970's and no exploration data was on file. The occurrence has not been located to date. There is a need to compare the NSP to the newly discovered MAL001 and MAL002 showings south of Honeymoon Creek.

CAM-GLORIA MINFILE 082M-266: Portions of Tenures 672823 and 673883 were part of the CAM-GLORIA PROPERTY, which was optioned to Teck Corp. by Camille Berubé (prospector). This work was reported in BC Assessment Report 26216 (G. Evans, 1999). Drill hole CC99-01 returned 9.57 g/t Au, 128.4 g/t Ag, 160 ppm Bi, 1896 ppm Pb over 1 metre and Trench 99-01 returned 9.36 g/t Au over 2 metres. The GPS coordinates in the MINFILE database were not

correct. The GPS coordinates for 082M 266 are as follows: NAD 83 Zone 11: 321533.506E and 5680511.058N.

LUCKY BEAR MINFILE 082M-275 (Au Bi, minor W): Located in Tenure 673906, it was discovered by Berubé, Piggin and Piggin. The showing is described as intrusive gold in a granodiorite host with vertical quartz veins and pyrrhotite. The best results include:

06394 LITSEC: 1.30 g/t Au; 115 ppm Bi; 166 ppm Cu; massive pyrrhotite in quartz vein.
06395 LITTA: 1.38 g/t Au; 130 ppm Bi; 171 ppm Cu; semi-massive pyrrhotite in quartz vein.

HONEYMOON DISCOVERY – MAL001 MINFILE 082M-285 and MAL002 MINFILE 082M-289: Cu-Ag in paragneiss located in Tenure 673903. They were discovered by Lorne Warner, P. Geo., and David Piggin in 2006. The best results include:

MAL1Q1: 0.78 % Cu; 35.3 g/t Ag; 11 ppm Mo.
MAL1G: 0.86 % Cu, 5.88 g/t Ag, 11 ppm Mo.
MAL1D: 0.64 % Cu, 34.8 g/t Ag, 25 ppm Mo.
MAL1RE: 0.62 % Cu, 33.1 g/t Ag, 54 ppm Mo.

SPAPILEM CREEK MINFILE 082M-292 (Au, Bi) and SPAPILEM GOLD100 MINFILE 082M-290: New discoveries by Piggin in an intrusive gold/quartz vein within tenure 673864. Quartz veins associated with magnetite. The best results include:

SPAPILEM CREEK (aka SPAPGOLD): Quartz vein with sulfides and magnetite returning 1.29 g/t Au; 60 ppm Bi; >10% Fe; 10 ppm Mo; and 0.15% Ti. Magnetite (next to quartz vein) returned 6.01 g/t Au; 165 ppm Bi; >10% Fe; 20 ppm Mo; and 0.29% Ti.

SPAPILEM GOLD 100 (100 metres along road, east of SPAPILEM CREEK MINFILE 082M-292): Quartz vein with magnetite returned 3.4 g/t Au. Host granite with quartz and magnetite returned 2.60 g/t Au; 25 ppm As; 6.74% Fe; 1.04% S; and 10 ppm W. Soil samples returned up to 4565 ppb Au; 0.4 ppm Ag; 20 ppm As; and 3 ppm Mo.

1.4 PURPOSE OF 2016 WORK

The work described herein was undertaken to support future drilling plans surrounding historic showings, as well as to identify new showings on the property by soil sampling. Completed soil sampling grids expanded on previously completed grids.

1.5 SUMMARY OF 2016 WORK

From November 10th to 14th, 2016, Dahrouge Geological Consulting Ltd. (Dahrouge), on behalf of SolidusGold Inc., conducted a four-man soil sampling program on the western half of the Honeymoon Property. A total of 152 soil samples were collected over the course of the program (Appendix 4, Fig.'s 6-11) and then shipped to Activation Laboratories in Kamloops, B.C. for preparation and analyses by standard ICP techniques. Analytical procedures are outlined in Appendix 3 and assay sheets are included in Appendix 5.

Personnel were based in accommodations in Barriere, B.C. Access to and from the Property was by four-wheel-drive vehicle. Within the Property, soil grids were accessed by ATV and extensive hiking.

2. REGIONAL GEOLOGY

The Honeymoon Property is located within the Adams Plateau - Clearwater Exploration area which lies near the southern end of the Omineca Crystalline Belt, one of the five morphological belts of the Canadian Cordillera. High-grade metamorphic rocks of the Shuswap Complex lie to the east of the Property, and rocks of the Intermontane Belt to the west (Figure 4). Paleozoic metavolcanic and metasedimentary rocks of the Fennel Formation and Eagle Bay Assemblage underlie the area. The Fennell and Eagle Bay rocks were deformed and metamorphosed together during the Jura-Cretaceous orogeny. The metamorphic grade in most of the area is lower greenschist, but increases to amphibolite facies in places along the eastern and northeastern margins (Schiarizza, 1987). Devonian granitic orthogneiss locally intrudes Eagle Bay rocks, while Paleozoic rocks are cut by Mid-Cretaceous quartz monzonite and granodiorite of the Baldy and Raft batholiths, as well as Early Tertiary basalt, feldspar porphyry, and lamprophyre dykes. The area is overlain by Eocene volcanic and sedimentary rocks of the Kamloops Group and Miocene plateau lavas (Schiarizza, 1987).

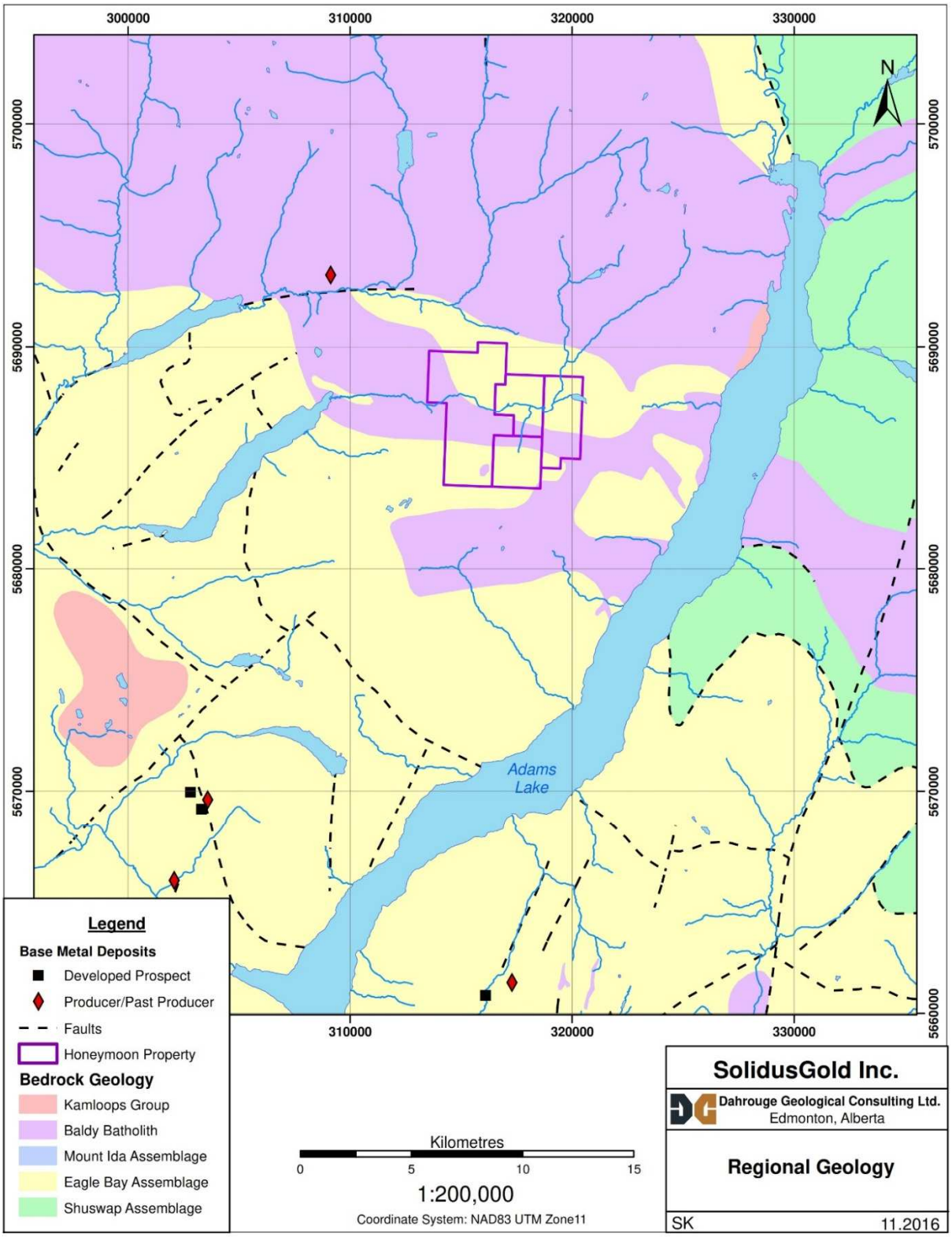


Figure 4. Regional Geology

2.1 Eagle Bay Assemblage

The Eagle Bay Assemblage, described by Schiarizza and Preto (1987), comprises Lower Cambrian to Mississippian rocks that are intruded by Late Devonian orthogneiss and Jurassic-Cretaceous granodiorite and quartz monzonite of the Raft and Baldy batholiths. Within the study area, the Eagle Bay Assemblage is contained between four west-directed thrust slices. The assemblage consists of clastic metasedimentary rocks named units EBH and EBQ, mafic metavolcanic rocks and limestone (unit EBG), and structurally overlying clastic metasedimentary rocks, with minor carbonate and volcanic rocks (unit EBS), all of which are interpreted as Cambrian in age (Schiarizza, 1987). These units are overlain by Devonian-Mississippian mafic to intermediate metavolcanic and metasedimentary rocks (units EBA and EBF, respectively), which are overlain by metaclastic rocks (unit EBP).

2.2 Fennell Formation

From Schiarizza and Preto (1987), the Fennell Formation comprises imbricated oceanic rocks of Slide Mountain terrane that were tectonically emplaced onto Mississippian clastic rocks of the Eagle Bay Assemblage prior to synmetamorphic, southwesterly directed folding and thrusting. The formation comprises two major divisions. The lower structural division is a heterogeneous assemblage of bedded chert, gabbro, diabase, pillowed basalt, sandstone, quartz-feldspar-porphyry rhyolite and intraformational conglomerate. Conodonts extracted from bedded chert range in age from Early Mississippian to Middle Permian, while zircons extracted from quartz-feldspar porphyry yield a Devonian uranium-lead age. The distribution of dated units indicates that the lower division is segmented into at least three (and locally four) imbricate thrust slices. The upper division consists almost entirely of pillowed and massive basalt, together with minor amounts of bedded chert and gabbro. Conodonts from two separate chert lenses within the division are respectively Early Pennsylvanian and Middle Permian in age. The two divisions are therefore the same age, at least in part, and are inferred to be separated by a thrust fault.

2.3 Baldy Batholith

Schiarizza and Preto (1987) describe that megacrystic monzonite is found as the distinctive phase of the Mid Cretaceous Baldy batholith with low magnetic susceptibility. It consists of a medium grained matrix (40-60% plagioclase-orthoclase), 15-20% chlorite altered

pyroxene/hornblende and biotite, as well as very distinctive 1-3 cm zoned orthoclase megacrysts (5-20%). Very rarely this unit has 5-10% 1-2 mm quartz phenocrysts. Typically the mafics in this rock have been pervasively altered to chlorite (sometimes with epidote alteration to feldspars). Hematite/chlorite coated fractures are common. A fine grained monzonite phase is chemically similar to the previous phase, and in areas gradational with it. Visually the difference is a finer grained porphyritic texture with an absence of the zoned megacrysts. The relationship between these phases is not clear, with amorphous contacts making it difficult to separate them as distinct phases.

3. PROPERTY GEOLOGY

The property geology and rock type descriptions are based upon work by Schiarizza and Preto (1987); Dixon-Warren et al (1997); and Logan and Mann (2000). The property is mainly underlain by the Eagle Bay Assemblage and Fennel Formation, which are intruded by the Cretaceous Baldy Batholith (granite and granodiorite) (Fig.'s 4 & 5). Lithologic descriptions which follow are those of Schiarizza and Preto (1987), with abbreviations for the Eagle Bay Formation from MEMPR Preliminary Map 56, and those for the Baldy Batholith and Honeymoon Bay Stock from BCGS-OF-2000-7.

3.1 STRATIGRAPHY

3.1.1 Baldy Batholith: Cretaceous

Megacrystic monzonite is found as a distinctive phase of the batholith. This rock type hosts the mineralization in the Cam-Gloria area and is distinctive with a very low magnetic susceptibility. **Kg** consists of granite and granodiorite; **Kgp** includes abundant pegmatite; **KBBmg** consists of medium to course grained, pink potassium feldspar megacrystic biotite monzogranite, hornblende-biotite monzodiorite and coarse pegmatite segregations; **KBBgd** is comprised of coarse potassium feldspar megacrystic hornblende-biotite granite to granodiorite, coarse equigranular biotite monzogranite (**KBBg**) and medium-grained aplite dikes.

3.1.2 Honeymoon Bay Stock: Mid-Jurassic

mJNHqdconsists of coarse equigranular biotite-epidote-hornblende quartz monzodiorite, rare potassium megacrystic phases and monzodiorite phases (**mJNHmd**).

3.1.3 Eagle Bay Formation: Lower Cambrian to Mississippian

EBF: Devonian and/or Mississippian, light to medium grey, rusty weathering feldspathic phyllite, schist and fragmental schist derived from intermediate tuff and volcanic breccia; minor amounts of dark grey phyllite and siltstone.

EBA: Devonian, light silvery grey to medium greenish grey sericite-quartz phyllite and sericite-chlorite-quartz phyllite derived from felsic to intermediate volcanic and volcaniclastic rocks, including pyritic, feldspathic and coarsely fragmental varieties; lesser amounts of dark grey phyllite and siltstone, green chloritic phyllite, sericitic quartzite and pyritic chert (exhalite?).

EBG: Lower Cambrian (may include younger and or older rocks), medium to dark green calcareous chlorite schist, fragmental schist and greenstone derived largely from mafic to intermediate volcanic and volcaniclastic rocks; lesser amounts of limestone and dolostone; minor amounts of quartzite grit and light to dark grey phyllite.

- EBGp: dark grey phyllite, calcareous phyllite and limestone; minor amounts of rusty weathering carbonate-sericite-quartz phyllite (metatuff?).
- EBGq: light to medium grey quartzite.
- EBGt: Tshinakin limestone member, massive light grey finely crystalline limestone dolostone.

EBP: Mississippian, dark grey phyllite and slate with interbedded siltstone, sandstone and grit; lesser amounts of conglomerate, limestone, dolostone, chlorite-sericite quartz schist, quartzite and metatuff.

- EBPv: metavolcanic breccia and tuff.

EBQ: Lower Cambrian and Hadrynian, light to dark grey quartzite, micaceous quartzite, chlorite-muscovite-quartz schist and phyllite; lesser amounts of calcareous phyllite, calc-silicate schist, carbonate and green chlorite schist; eastern exposures include staurolite-garnet-mica schist and amphibolite.

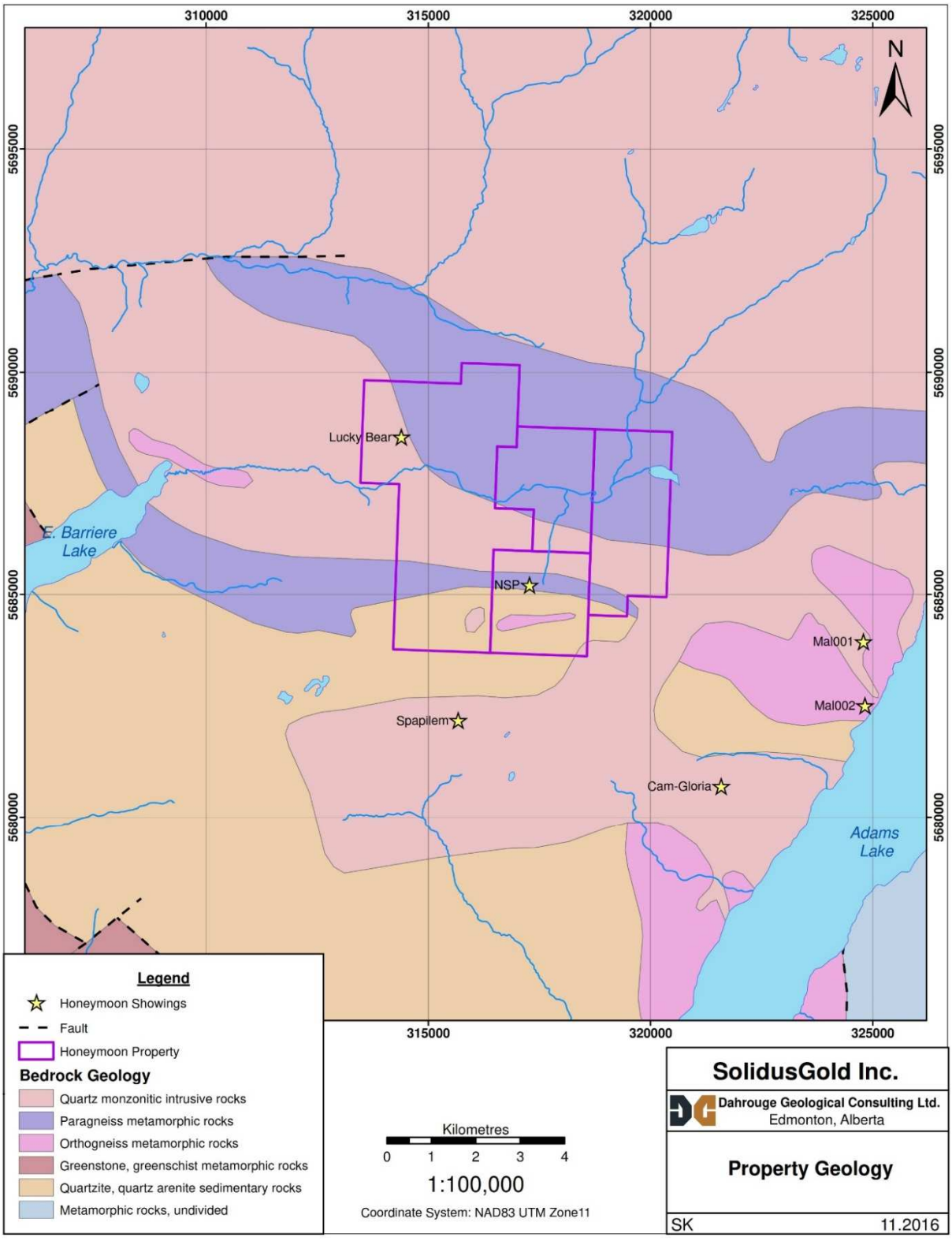


Figure 5. Honeymoon Property Geology

3.1.4 Fennell Formation: Devonian to Permian

Dgn: Late Devonian, granite and granodiorite orthogneiss; includes some sillimanite-bearing paragneiss (**Dgnp**). The dominant lithologies are medium grey biotite-hornblende-plagioclase-quartz gneiss and light grey muscovite-biotite-orthoclase-plagioclase-quartz gneiss. Epidote, chlorite and sphene are common additional components of the more mafic gneiss and small grains of zircon and apatite occur as accessories in both types. Generally, both varieties are medium grained and monotonously uniform over fairly large areas (Schiarizza, 1987).

Qp: Cretaceous or Tertiary, late dykes and rare sills of unfoliated, light grey, white-weathering quartz feldspar porphyry are common in the vicinity of Adams Plateau, where some are of sufficient size to be portrayed on the geological map. They consist of quartz, potassium feldspar and rare plagioclase phenocrysts within an aphanitic to very fine-grained quartzofeldspathic matrix. The dykes typically trend in a northerly direction and dip steeply.

3.2 STRUCTURE

The dominant structures on the property are premetamorphic, easterly directed thrust faults which imbricate the Fennell Formation and separate it from Unit EBP and later synmetamorphic southwesterly overturned folds and associated thrust faults. These structures are cut by post-metamorphic, northwest-trending mesoscopic folds and by later west-trending macroscopic and mesoscopic folds which are synchronous with intrusions of the mid-Cretaceous Raft and Baldy batholiths. The youngest structures recognized are northeast-trending strike-slip faults and later northerly trending faults and associated folds which are Eocene in age.

3.3 MINERALIZATION

Historic surface rock samples on the Honeymoon Property reach up to 32.76 g/t Au and other surface rocks reach up to 280 g/t Ag. The majority of the rocks with over 1 g/t Au occur within the quartz vein system at the Cam-Gloria prospect (Figure 5). There are sample locations at each of the Honeymoon Creek, Spapilem Creek, and Lucky Bear prospects with at least 1 g/t Au each.

Drilling by Teck Corp. at the Cam-Gloria prospect intersected 1.m of 9.57 g/t Au, 128.4 g/t

Ag, 160 ppm Bi, and 1896 ppm Pb. Unfortunately, drill core was not sampled throughout the drill hole, and there numerous gaps in the sampling. Sampling appears to have focused on the occurrence of quartz veins, although this is not completely clear from the drill logs; therefore, attention should be paid to alteration zones in the wall rocks in future drilling.

The historic grades of copper identified to date reach up to 0.8% in surface samples. All rock samples in excess of 0.25% Cu come from the Honeymoon Creek prospect area, specifically near the Baldy-Eagle Bay orthogneiss contact. Some of these (MAL001 and MAL002) are fine-grained sulphides disseminated in metasediments which bear similarities to strata-bound mineralization. The molybdenum grades observed in soil samples at the Spapilem Creek prospect locally approach what would be considered ore grade (>0.1% Mo) at known Molybdenum deposits.

4. RESULTS OF 2016 EXPLORATION

The exploration program of the Honeymoon Property was undertaken to support future drilling plans surrounding historic showings, as well as to identify new showings on the property by soil sampling. Soil targets included both known showings and geophysical targets generated by a 2011 airborne magnetometer-EM survey flown by Fugro and SolidusGold's 2014 exploration programs. The 2016 exploration focused on the western side of the property where the established Lucky Bear and NSP showings are located. These showing areas have historically seen limited exploration relative to the other showings south and east of the property.

From November 10th to 14th, 2016, Dahrouge Geological Consulting Ltd. (Dahrouge) conducted a soil sampling program on the southeast portion of the Honeymoon Property. The main historic showings were visited and access was evaluated for future proposed drill programs. A four-person crew collected a total of 152 soil samples from two grids (Fig.'s 6-11; Appendix 4), one in the Lucky Bear showing area (Fig's 6, 7 & 8) and the other near the NSP showing (Fig's. 9, 10 & 11). All soil samples were collected from the "B horizon" (between 10-30 cm depth). The soil grid lines were spaced 200 metres apart, with samples spaced 50 metres apart along each line.

During the 2016 soil survey program, a relatively strong silver anomaly at the northeast corner of the NSP grid was discovered (Figure 9). This isolated sample, 99847, also revealed slightly elevated Cu values (Figure 11). The best copper results for the NSP grid were seen on the southernmost survey line, with sample 99808 returning 74.3 ppm Cu. This elevated copper appears to correspond with the 2014 soil survey results to the near south. Gold values on the NSP grid also seemed to correspond with the 2014 results with best values also on the southernmost line returning 9.4 ppb (99805) and 10 ppb (99814) (Figure 10).

The Lucky Bear grid (Fig.'s 6-8) showed good response for silver and copper. Notable silver values ranged from 0.276 ppm (99789) in the northern portion of the grid to 0.407 ppm (99732) to the southeast. The best copper results on Lucky Bear were in the eastern portion of the grid, with a value of 31.3 ppm (99734). The most favourable Au value on the Lucky Bear grid was sample 99776, which returned 15.5 ppb.

Samples collected during the program were delivered to Activation Laboratories Ltd. in Kamloops, BC for preparation and whole rock analyses by standard ICP/MS techniques, fire assay. Analytical procedures are described in Appendix 3 and assay sheets are provided in Appendix 5. From the Actlabs website, the methods are outlined below:

The fire assay samples were mixed with fire assay fluxes (borax, soda, ash, silica, litharge) and have Ag added to act as a collector. The mixture is then heated in a crucible to 850°C, then 950°C and finished at 1060°C. The entire fusion process takes approximately an hour. The molten sample is then poured into a mould with a lead button left at the base. The lead button is then placed in a heated cupel which absorbs the lead (when heated to 950°C) to recover the Ag dore bead. Then the dore bead is then dissolved in aqua regia and the gold content is determined by atomic absorption. The Au can also be separated from the Ag by parting with nitric acid. The resulting gold flake is then annealed with a torch and weigh on a microbalance.

Two methods of ICP-MS were utilized. The first method uses aqua regia to digest a 0.5g sample in a microprocessor controlled digestion block for two hours. Digested samples are then diluted and ICP/MS is analysis is done by Perkin Elmer Sciex ELAN 600, 6100, or 9000 ICP/MS. The second method has a 0.25 g sample digested with 4 acids (hydrofluoric acid first, followed by a mixture of nitric and perchloric acids) then heated by ramping and holding cycles

until dry. The dry samples are then made into a solution with hydrochloric and nitric acids. Digested samples are then diluted and ICP/MS is analysis is done by Perkin Elmer Sciex ELAN 600, 6100, or 9000 ICP/MS.

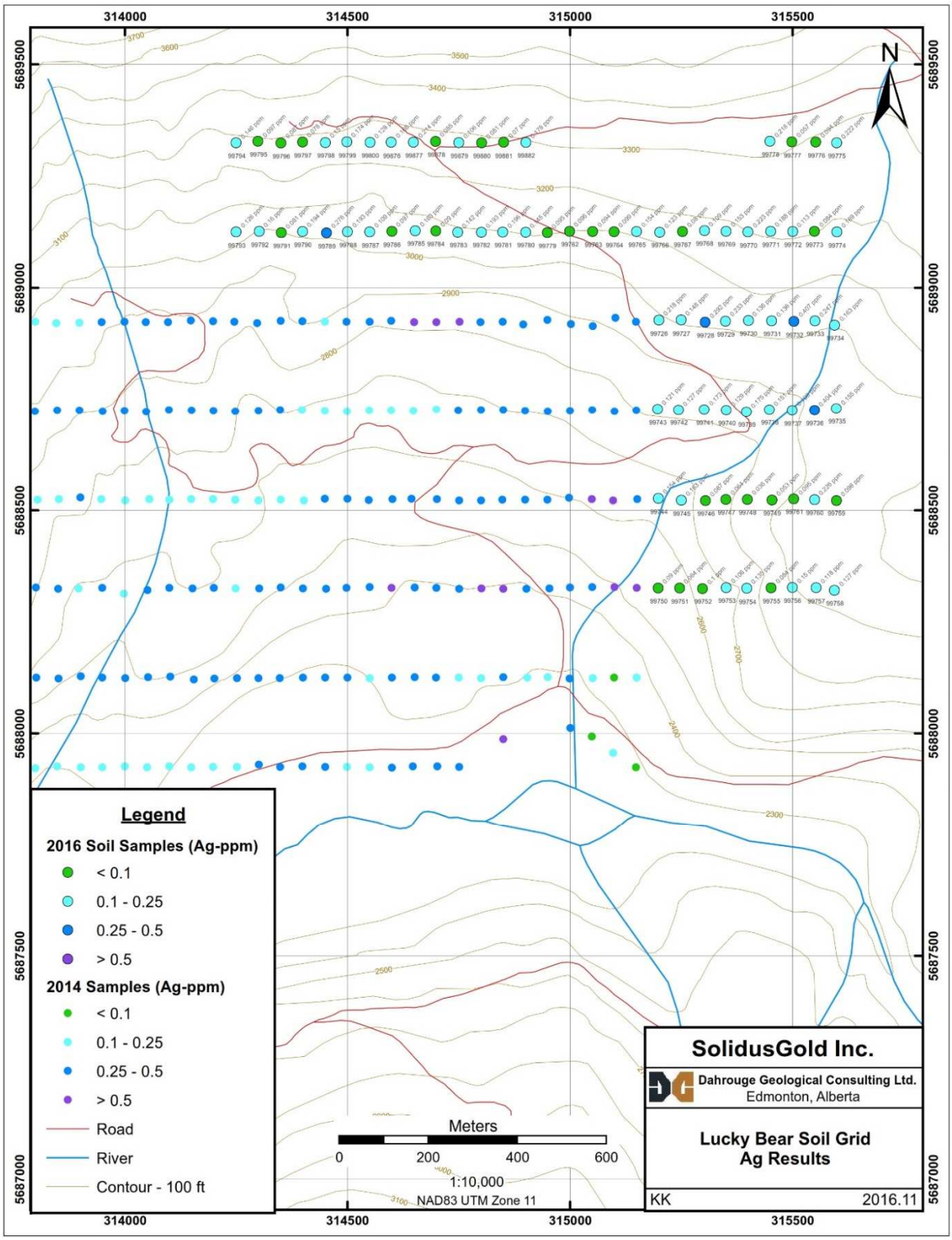


Figure 6. Lucky Bear Soil Results – Ag (ppm)

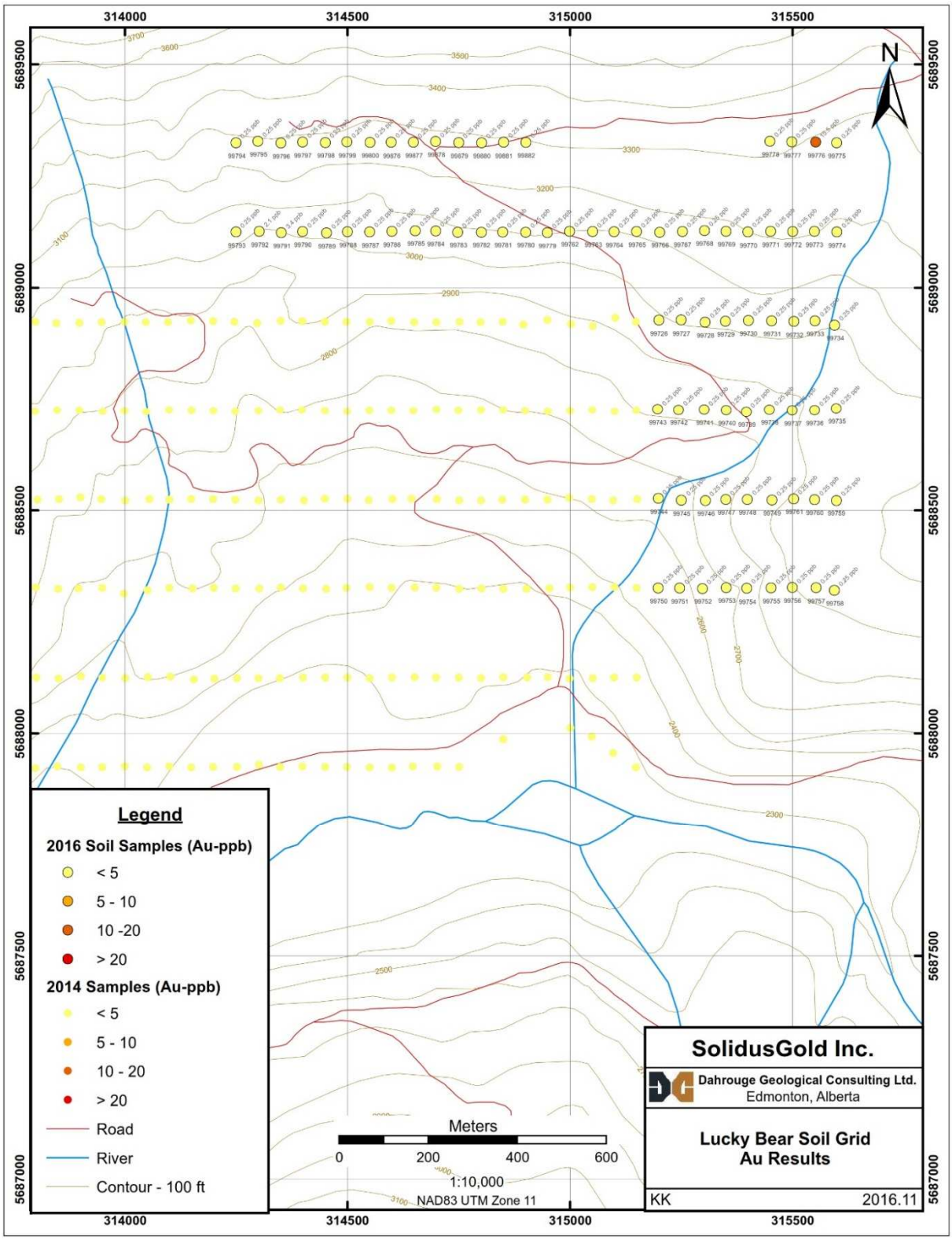


Figure 7. Lucky Bear Soil Results – Au (ppb)

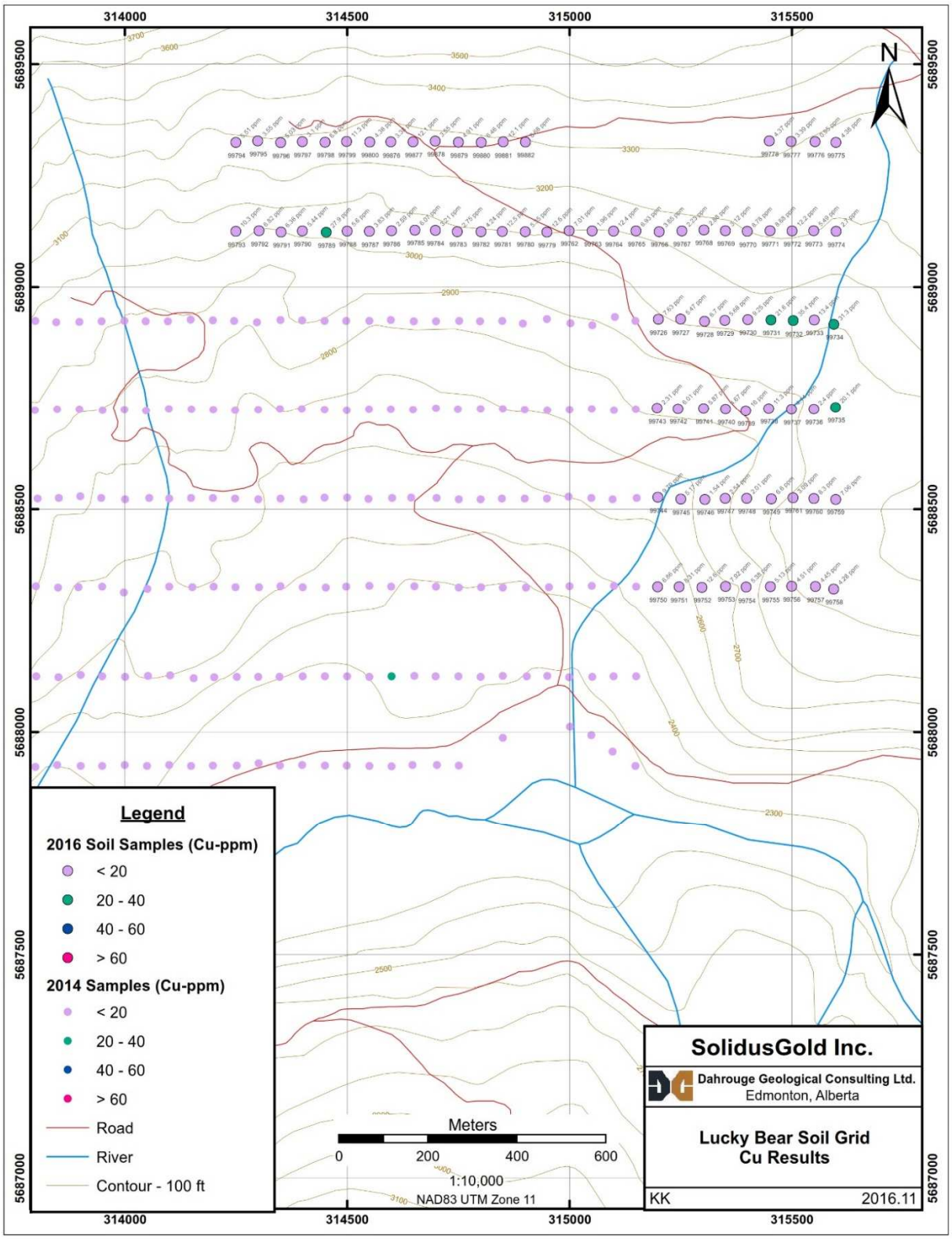


Figure 8. Lucky Bear Soil Results – Cu (ppm)

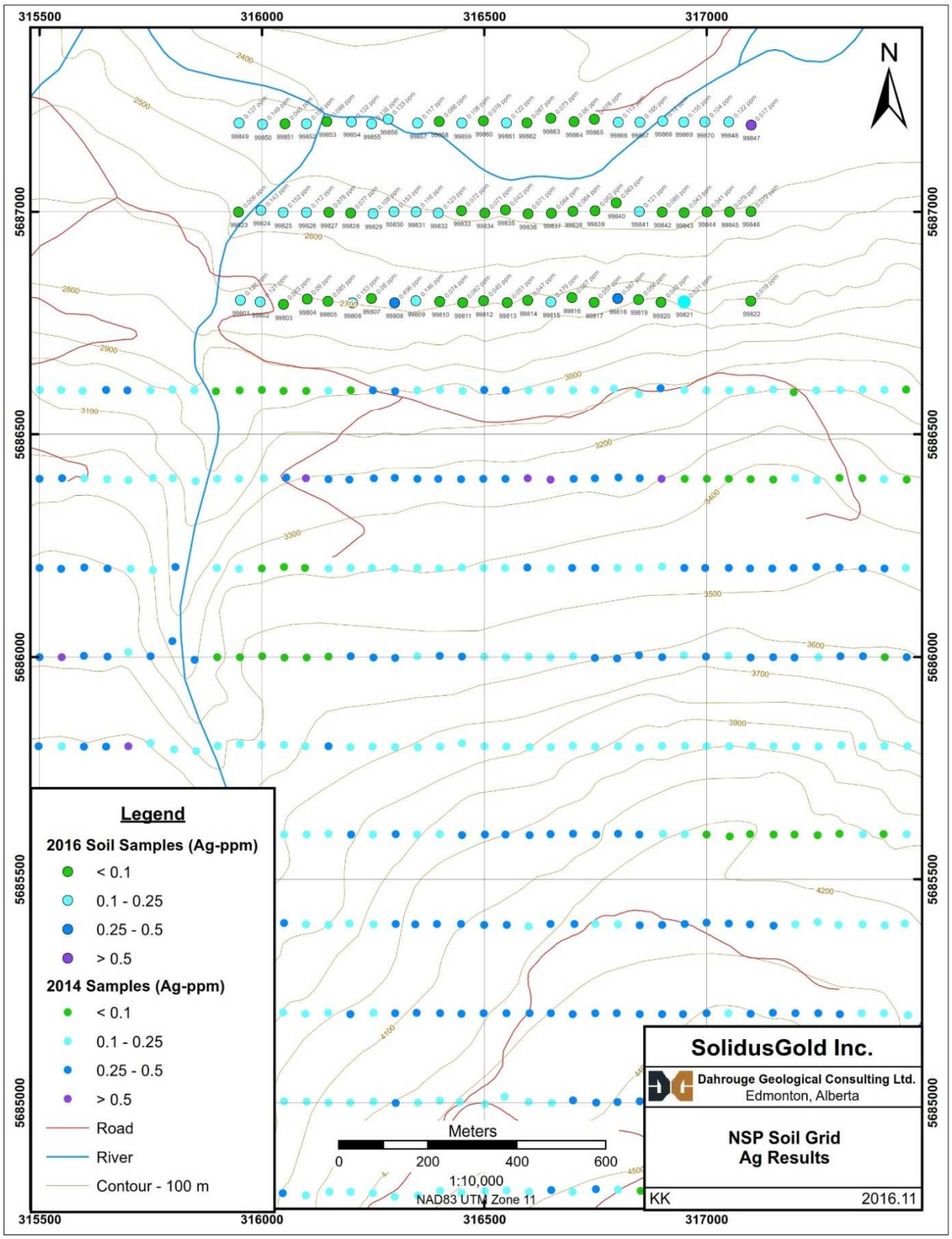


Figure 9. NSP Soil Results – Ag (ppm)

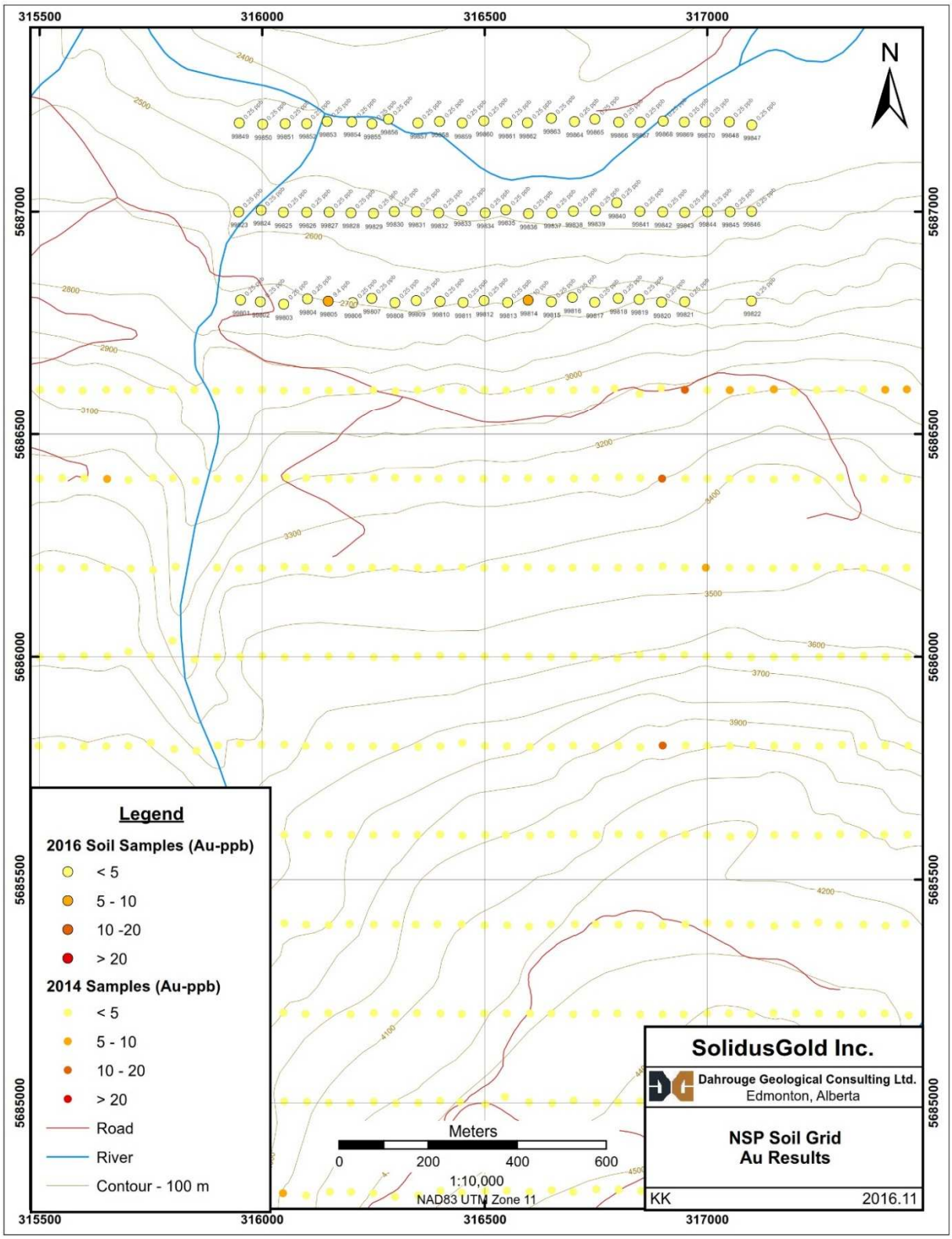


Figure 10. NSP Soil Results – Au (ppb)

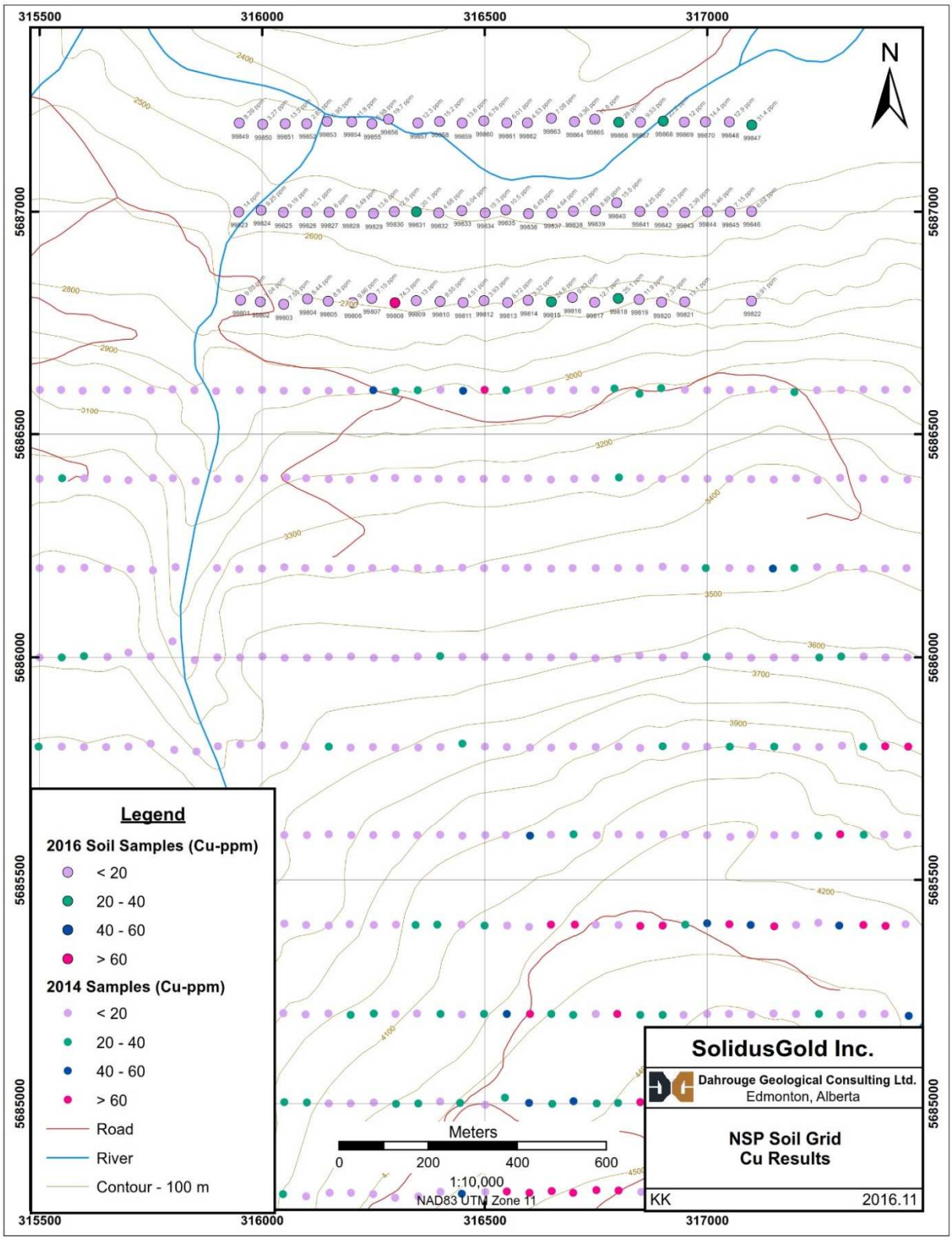


Figure 11. NSP Soil Results – Cu (ppm)

5. DISCUSSION AND RECOMMENDATIONS

The Honeymoon Property is located along the periphery of the Baldy Batholith (Jurassic to mid-Cretaceous), where it is in contact with Devonian orthogneisses and the Eagle Bay Assemblage (Devono-Mississippian metasediments and metavolcanics). Regional geologic maps suggest a significant NE oriented structure highlighted and covered by Adams Lake, where it juxtaposes the Shuswap assemblage next to the Eagle Bay Assemblage and Baldy Batholith.

It is unclear if there is a single model that fits all the showings in the Honeymoon Property area. Teck thought the Cam/Gloria area was an intrusion-related gold system (IRGS), analogous to those found in the Tintina Gold Belt. The Bi and Ag association with gold anomalies elsewhere on the property may support this deposit model. Gold mineralization is associated with veins that appear to be mainly quartz. Interestingly, there is very little arsenic associated with gold mineralization or elsewhere on the Property. At the Lucky Bear and to some degree the Spapilem Creek prospect, there have been showing to be some anomalous tungsten results. Historically, there are no recorded W anomalies of significance at the Cam-Gloria prospect. Some of the historic surface data include UV light prospecting for scheelite in the Lucky Bear area.

Geochemistry from other parts of the Property may suggest that there are VMS influences, as seen at Harper Creek. There is some evidence of semi-massive, perhaps VMS-style mineralization at Honeymoon Creek. Surface samples with K analyses do not show any obvious porphyry-style large-scale zonation, but the sample coverage in the context of the geologic contacts makes identifying zonation patterns difficult.

Future exploration should include expansion of the NE corner of the NSP grid to see whether anomalous Ag values continue, as well as possible infill lines between the 2014 and 2016 grids to follow-up on higher copper values. Additionally, further soil sampling to the east of the Lucky Bear grid is suggested to confirm whether a trend of high silver and copper values exists in that direction. A ground magnetic survey is also recommended to assist in the identification of metalliferous veins throughout the property area.

6. REFERENCES

Actlabs website. Methods of analysis. Accessed January 16, 2015. http://www.actlabs.com/list.aspx?menu=64&app=226&cat1=549&tp=12&lk=no

Brintliffe, D., Piggin, D., 2013. Prospecting, Geological, Geophysical and Physical Work on the Honeymoon & Barriere Ridge Property. Kamloops Mining Division, British Columbia. Assessment Report 33754.

Dixon-Warren, A., Bobrowsky, P., Leboe, E., and Ledwon, A. 1997b: Terrain geology map of the Adams Plateau area, NTS 82 M/4, scale 1:50 000; B.C. Ministry of Employment and Investment, Open File 1997-7.

Evans, G., Oct 2013. Technical Report on the Honeymoon Property in the Adams Lake Area, Kamloops Mining Division, BC. NTS 82M/22, 23, 32, 33.

Evans, G., Dec 1999. Teck Corp: 1999 Geological & Geophysical & Geochemical & Diamond Drilling - Report on the Cam Gloria Property, Kamloops Mining Division, British Columbia. Geological Survey Branch, BC Assessment Report 26216.

Gorham, J., Krysa, S. and Amundsen, J. 2014 Geologic Sampling and Prospecting of the Honeymoon Property. Kamloops Mining Division, British Columbia. Assessment Report 35230.

Logan, J., Mann, R. April 2000: Geology & Mineralization around Baldy Batholith, Southcentral BC. Map Scale 1:50 000. NTS 82M/3, 4, 5 &6. B.C. Ministry of Energy and Mines. Open File 2000-7.

Lloyd, D., Angove, G., Hope, G., and Thompson, C., 1990. A guide to site identification and Interpretation for the Kamloops Forest Region. B.C. Ministry of Forests, Research Branch, Victoria, B.C. Land Management Handbook No. 23.

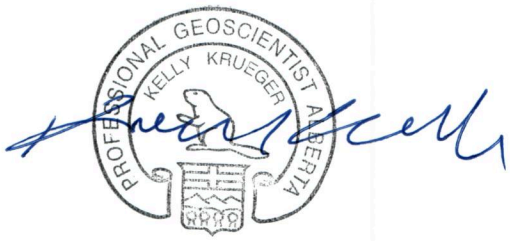
MINFILE Search Website. B.C. Ministry of Energy and Mines. Accessed Oct.-Dec. 2014. http://minfile.gov.bc.ca/searchbasic.aspx

Paradis, S., Bailey, S.L., Creaser, R.A., Piercey, S.J. and Schiarizza, P., 2006, Paleozoic magmatism and syngenetic massive sulphide deposits of the Eagle Bay assemblage, Kootenay terrane, southern British Columbia, in Colpron, M. and Nelson, J.L., eds., Paleozoic Evolution and Metallogeny of Pericratonic Terranes at the Ancient Pacific Margin of North America, Canadian and Alaskan Cordillera: Geological Association of Canada, Special Paper 45, p. 383-414.

Schiarizza, P. and Preto, V. (1987): Geology of the Adams Plateau-Clearwater-Vavenby Area; B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1987-2.

Schiarizza, P., 1989, Structural and stratigraphic relationships between the Fennell Formation and Eagle Bay assemblage, western Omineca belt, south-central British Columbia: Implications for Paleozoic tectonics along the paleocontinental margin of western North America: M.Sc. thesis, University of Calgary, Calgary, Alberta, 343 p.

K. Krueger, B.Sc., P.Geo.



Edmonton, AB
2017-02-02

APPENDIX 1 - STATEMENT OF QUALIFICATIONS

I, Kelly Krueger, residing at 1820 Rutherford Rd SW, Edmonton, Alberta, do hereby certify that:

- I am a geologist of Dahrouge Geological Consulting Ltd., Suite 18, 10509 - 81 Ave., Edmonton, Alberta, T6E 1X7.
- I am a 2012 graduate of the University of Alberta, Edmonton, Alberta with a B.Sc. in Geology.
- I have practiced my profession as a geologist continuously since graduation.
- I am a registered Professional Geoscientist with the Association of Professional Engineers and Geoscientists of Alberta, member M96506.
- I hereby consent to the copying or reproduction of this Assessment Report following the one-year confidentiality period.

I am the author of the report entitled "2016 GEOLOGIC SAMPLING AND PROSPECTING OF THE HONEYMOON PROPERTY EAST OF BARRIERE, BRITISH COLUMBIA" and accept responsibility for the veracity of technical data and results.

Dated this 2nd day of February, 2017.

Kelly Krueger, B.Sc., P.Geo.

APEGA
96506

APPENDIX 2: ITEMIZED COST STATEMENT FOR THE 2016 EXPLORATION

a) Personnel

J. Gorham, geologist							
0.20	days		supervision, project planning & preparations, reporting				
0.20	days	@	$	1,040.00		$ 208.00	
P. Kluczny, geologist							
2.97	days		supervision, project planning & preparations, reporting				
2.97	days	@	$	845.00		$ 2,509.65	
J. Brown, geologist							
0.13	days		project planning & preparations, data entry, reporting				
5.00	days		fieldwork and travel				
5.13	days	@	$	700.00		$ 3,591.00	
K. Krueger, geologist							
6.10	days		project planning & preparations, data entry, reporting				
5.00	days		fieldwork and travel				
11.10	days	@	$	540.00		$ 5,994.00	
S. Krysa, geologist							
0.10	days		project planning & preparations, data entry				
5.00	days		fieldwork and travel				
5.10	days	@	$	525.00		$ 2,677.50	
D. Gorham, field technician							
0.33	days		logistics, project preparation				
0.33	days	@	$	490.00		$ 161.70	
S. Berke, field assistant							
5.00	days		fieldwork and travel				
5.00	days	@	$	375.00		$ 1,875.00	
J. Holman, receptionist							
2.75	hrs		logistics, prepare shipments				
2.75	hrs	@	$	42.00		$ 115.50	
							$ 17,132.35

b) Food and Accommodation

16	man-days	@	$	79.35	accommodations	$ 1,396.56	
20	man-days	@	$	60.50	meals	$ 1,210.00	
							$ 2,606.56

c) Transportation

Vehicles:	Truck rental	$ 715.00	
	ATV & Trailer rental	$ 1,139.29	
	Fuel	$ 405.47	
			$ 2,259.76

d) Instrument Rental

GPS (3)	$ 60.00	
InReach (1)	$ 20.00	
Radios (3)	$ 45.00	
Laptop (1)	$ 50.00	
		$ 175.00

e) Drilling	n/a				
f) Analyses	Actlabs - Kamloops (152 soil samples)				
152 samples @ $ 22.05 soil analysis (includes prep)			$ 3,351.60		
				$	3,351.60
g) Other					
	Administrative Costs		$ 475.65		
	Courier and Shipping (samples)		$ 150.57		
	Disposable Supplies		$ 118.24		
				$	744.46
Total				$	26,269.73

Kelly Krueger, B.Sc., P. Geo.

Edmonton, Alberta
February 2, 2017

APPENDIX 3 - LABORATORY PROCEDURES

Ultratrace 1 - Aqua Regia - ICP/MS

A 0.5 g sample is digested in aqua regia at 90 °C in a microprocessor controlled digestion block for 2 hours. Digested samples are diluted and analyzed by Perkin Elmer Sciex ELAN 6000, 6100 or 9000 ICP/MS. One blank is run for every 68 samples. An in-house control is run every 33 samples. Digested standards are run every 68 samples. After every 15 samples, a digestion duplicate is analyzed. Instrument is recalibrated every 68 samples.

Code Ultratrace-1 Elements and Detection Limits (ppm)

Element	Detection Limit	Upper Limit
Ag	0.002	100
Al*	0.01%	8%
As	0.1	10,000
Au*	5 ppb	10,000 ppb
B*	1	5,000
Ba*	0.5	6,000
Be*	0.1	1,000
Bi*	0.02	2,000
Ca*	0.01%	50%
Cd *	0.01	-
Ce*	0.01	10,000
Co	0.1	5,000
Cr*	0.5	10,000
Cs*	0.02	500
Cu	0.01	10,000
Dy*	0.1	1000
Er*	0.1	1000
Eu*	0.1	100
Fe*	0.01%	30%
Ga*	0.02	500
Gd*	0.1	1000

Element	Detection Limit	Upper Limit
Ge*	0.1	500
Hf*	0.1	500
Hg	10	10,000 ppb
Ho*	0.1	1000
In*	0.02	500
K*	0.01%	5%
La*	0.5	10,000
Li*	0.1	10,000
Lu*	0.1	100
Mg*	0.01%	10%
Mn*	1	10,000
Mo*	0.01	10,000
Na*	0.001%	5%
Nb*	0.1	500
Nd*	0.02	5000
Ni*	0.1	10,000
P*	0.001%	5%
Pb	0.01	5,000
Pr*	0.1	1000
Rb*	0.1	500
Re*	0.001	100

Element	Detection Limit	Upper Limit
S^{+}	1%	20%
Sb*	0.02	500
Sc*	0.1	10,000
Se*	0.1	10,000
Sm*	0.1	100
Sn*	0.05	200
Sr*	0.5	5,000
Ta*	0.05	50
Tb*	0.1	100
Te*	0.02	500
Th*	0.1	200
Ti*	0.001%	10%
Tl*	0.02	500
Tm*	0.1	1,000
U	0.1	10,000
V*	1	1,000
W*	0.2	200
Y*	0.01	500
Yb*	0.1	200
Zn*	0.1	5,000
Zr*	0.1	5,000

Notes:
Au is semi-quantitative due to the small sample size.
* Element may only be partially extracted. Unaltered silicates and resistate minerals may not be dissolved.
$^{+}$ Sulphide sulphur and soluble sulphides are extracted.

APPENDIX 4: 2016 SOIL SAMPLE DETAILS

Sample	Zone	Easting	Northing	Elev	Sample	Zone	Easting	Northing	Elev
97739	11	315396	5688722	856	99768	11	315302	5689128	950
99726	11	315200	5688928	906	99769	11	315351	5689126	955
99727	11	315250	5688928	906	99770	11	315400	5689125	960
99728	11	315304	5688923	901	99771	11	315451	5689126	968
99729	11	315349	5688925	908	99772	11	315500	5689126	961
99730	11	315401	5688927	911	99773	11	315549	5689126	956
99731	11	315453	5688926	912	99774	11	315600	5689125	957
99732	11	315503	5688925	911	99775	11	315599	5689324	987
99733	11	315550	5688926	912	99776	11	315552	5689326	988
99734	11	315594	5688916	905	99777	11	315498	5689326	995
99735	11	315598	5688729	886	99778	11	315449	5689328	994
99736	11	315549	5688725	879	99779	11	314949	5689123	929
99737	11	315499	5688725	872	99780	11	314900	5689124	924
99738	11	315448	5688726	867	99781	11	314849	5689125	922
99740	11	315351	5688725	851	99782	11	314801	5689124	924
99741	11	315301	5688727	844	99783	11	314748	5689124	922
99742	11	315244	5688726	837	99784	11	314698	5689127	921
99743	11	315197	5688727	835	99785	11	314652	5689128	916
99744	11	315198	5688527	793	99786	11	314600	5689126	922
99745	11	315250	5688523	811	99787	11	314550	5689125	921
99746	11	315304	5688522	824	99788	11	314500	5689125	920
99747	11	315350	5688524	839	99789	11	314453	5689123	896
99748	11	315398	5688524	860	99790	11	314399	5689126	909
99749	11	315454	5688523	879	99791	11	314351	5689123	909
99750	11	315198	5688326	741	99792	11	314302	5689126	912
99751	11	315246	5688326	761	99793	11	314250	5689125	901
99752	11	315298	5688325	786	99794	11	314250	5689324	991
99753	11	315351	5688327	817	99795	11	314299	5689328	986
99754	11	315397	5688325	843	99796	11	314351	5689324	988
99755	11	315452	5688326	862	99797	11	314399	5689326	984
99756	11	315500	5688327	876	99798	11	314451	5689325	976
99757	11	315553	5688326	882	99799	11	314499	5689326	976
99758	11	315594	5688321	882	99800	11	314551	5689325	972
99759	11	315599	5688522	906	99801	11	315952	5686802	841
99760	11	315549	5688524	900	99802	11	315996	5686798	834
99761	11	315502	5688525	892	99803	11	316049	5686793	827
99762	11	314999	5689126	921	99804	11	316102	5686805	826
99763	11	315051	5689126	921	99805	11	316149	5686800	818
99764	11	315099	5689125	924	99806	11	316204	5686796	819
99765	11	315149	5689126	928	99807	11	316246	5686806	823
99766	11	315202	5689124	938	99808	11	316299	5686796	816
99767	11	315253	5689126	945	99809	11	316347	5686801	810

Sample	Zone	Easting	Northing	Elev
99810	11	316400	5686799	816
99811	11	316452	5686797	826
99812	11	316499	5686801	828
99813	11	316552	5686797	828
99814	11	316598	5686802	834
99815	11	316650	5686798	837
99816	11	316697	5686808	836
99817	11	316747	5686797	842
99818	11	316800	5686806	848
99819	11	316847	5686803	835
99820	11	316898	5686797	844
99821	11	316950	5686798	846
99821	11	317050	5686801	849
99822	11	317100	5686800	849
99823	11	315948	5687000	778
99824	11	315998	5687003	764
99825	11	316048	5686999	765
99826	11	316100	5686999	763
99827	11	316151	5686999	762
99828	11	316200	5686997	754
99829	11	316250	5686996	756
99830	11	316297	5687000	754
99831	11	316347	5687000	753
99832	11	316397	5686997	751
99833	11	316449	5687002	756
99834	11	316502	5686997	759
99835	11	316548	5687004	756
99836	11	316599	5686996	759
99837	11	316651	5686997	759
99838	11	316700	5687001	753
99839	11	316750	5687002	755
99840	11	316797	5687020	746
99841	11	316849	5687000	752
99842	11	316900	5686999	757
99843	11	316950	5686998	758
99844	11	317001	5687000	759
99845	11	317052	5687000	764
99846	11	317100	5687000	767
99847	11	317100	5687194	735
99848	11	317050	5687201	734
99849	11	315949	5687199	730
99850	11	316001	5687196	729
99851	11	316052	5687197	728
99852	11	316100	5687197	734
99853	11	316146	5687202	725
99854	11	316202	5687201	707
99855	11	316247	5687197	712
99856	11	316284	5687207	711
99857	11	316350	5687199	716
99858	11	316399	5687202	721
99859	11	316450	5687199	723
99860	11	316499	5687203	725
99861	11	316550	5687199	729
99862	11	316596	5687199	729
99863	11	316650	5687209	727
99864	11	316702	5687202	723
99865	11	316748	5687207	724
99866	11	316801	5687200	719
99867	11	316850	5687200	719
99868	11	316901	5687203	716
99869	11	316949	5687201	717
99870	11	316996	5687201	715
99876	11	314598	5689326	970
99877	11	314648	5689326	970
99878	11	314698	5689327	970
99879	11	314750	5689325	977
99880	11	314802	5689324	983
99881	11	314851	5689326	988
99882	11	314901	5689325	988

APPENDIX 5: ASSAY CERTIFICATES – ACTIVATION LABORATORIES OF KAMLOOPS, B.C.

Quality Analysis ... *Innovative Technologies*

Date Submitted: 21-Nov-16
Invoice No.: A16-12429
Invoice Date: 21-Dec-16
Your Reference: PO# 00502

Solidus Gold Inc.
10th Floor
595 Howe Street
Vancouver BC V6C 2T5
Canada

ATTN: Sorin Posescu

CERTIFICATE OF ANALYSIS

152 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A16-12429**

Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is only semi-quantitative. For accurate Au data, fire assay is recommended.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1
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
99726	0.074	< 1	0.033	20.4	0.1	2	0.033	0.25	1.27	0.10	0.18	0.16	1.6	22	14	183	1.49	4.6	13.3	7.63	49.2	3.16	< 0.1
99727	0.083	< 1	0.029	16.8	0.2	2	0.034	0.18	1.32	0.10	0.18	0.15	1.5	24	12	406	1.50	5.2	15.5	5.47	54.2	4.15	< 0.1
99728	0.101	< 1	0.143	21.3	0.2	4	0.063	0.17	2.01	0.10	0.23	0.39	1.8	22	10	542	1.27	5.5	20.7	6.70	174	5.56	< 0.1
99729	0.104	< 1	0.082	18.2	0.2	3	0.042	0.15	1.93	0.08	0.22	0.26	1.2	27	12	592	1.63	6.0	18.8	5.68	109	5.66	< 0.1
99730	0.117	< 1	0.048	21.0	0.4	2	0.048	0.26	2.00	0.13	0.27	0.20	1.8	34	19	760	2.07	8.7	30.3	9.25	134	5.99	< 0.1
99731	0.128	< 1	0.023	19.8	0.4	3	0.032	0.49	1.78	0.17	0.31	0.22	3.2	36	25	329	2.52	10.0	29.6	21.6	77.7	5.21	< 0.1
99732	0.115	< 1	0.053	31.2	0.4	2	0.040	0.45	2.61	0.18	0.44	0.21	2.3	37	24	619	3.46	16.7	56.1	35.4	163	7.73	< 0.1
99733	0.116	< 1	0.047	21.8	0.3	2	0.044	0.36	2.16	0.13	2.05	0.29	2.2	31	19	478	2.10	8.7	27.9	13.4	82.8	6.27	< 0.1
99734	0.095	< 1	0.027	20.8	0.2	1	0.033	0.58	1.26	0.21	0.29	0.36	3.5	33	26	502	2.38	8.9	21.3	31.3	61.4	3.99	< 0.1
99735	0.131	< 1	0.077	48.6	0.5	2	0.056	0.24	3.83	0.15	0.30	0.22	2.6	32	17	628	2.25	7.4	40.2	20.1	94.3	9.44	< 0.1
99736	0.105	< 1	0.076	10.2	< 0.1	2	0.041	0.12	0.83	0.07	0.34	0.15	1.4	30	12	276	1.36	3.3	7.0	2.40	62.9	5.46	< 0.1
99737	0.096	< 1	0.062	13.8	0.3	2	0.049	0.10	1.92	0.05	0.17	0.16	1.3	27	9	160	1.45	5.2	11.6	4.14	61.0	6.13	< 0.1
99738	0.102	< 1	0.031	28.2	0.3	2	0.040	0.34	1.97	0.20	0.17	0.32	2.9	32	20	707	2.24	8.4	23.7	11.3	103	6.19	< 0.1
99739	0.097	< 1	0.040	25.1	0.4	1	0.041	0.45	2.02	0.15	0.37	0.25	2.8	35	21	209	2.49	9.8	22.8	16.0	79.0	6.58	< 0.1
99740	0.086	< 1	0.077	18.0	0.1	2	0.038	0.14	1.35	0.07	0.20	0.16	1.3	23	11	522	1.44	5.2	13.6	4.67	108	5.13	< 0.1
99741	0.108	< 1	0.156	27.3	0.3	2	0.056	0.17	2.39	0.07	0.17	0.13	1.7	28	11	281	1.67	6.8	16.0	5.87	79.1	7.34	< 0.1
99742	0.100	< 1	0.105	21.5	0.2	1	0.041	0.14	1.90	0.08	0.20	0.15	1.7	27	11	209	1.65	5.4	10.5	6.01	58.6	6.06	< 0.1
99743	0.076	< 1	0.207	10.6	0.1	2	0.049	0.07	1.39	0.04	0.15	0.13	1.1	22	7	142	1.18	3.3	6.9	2.31	52.5	4.69	< 0.1
99744	0.095	< 1	0.063	24.1	0.1	2	0.027	0.37	1.36	0.20	0.31	0.29	2.6	33	21	370	2.01	7.6	18.8	9.79	94.2	5.12	< 0.1
99745	0.068	< 1	0.046	13.8	0.1	1	0.028	0.13	1.05	0.05	0.18	0.11	1.1	19	9	246	1.06	4.0	10.1	5.17	88.6	3.47	< 0.1
99746	0.102	< 1	0.077	14.7	0.1	3	0.054	0.13	1.42	0.09	0.13	0.22	1.4	30	9	851	1.45	4.2	6.9	1.54	94.2	5.50	< 0.1
99747	0.109	< 1	0.162	27.2	0.1	2	0.062	0.22	1.65	0.11	0.13	0.36	2.6	33	12	617	1.67	5.6	8.4	2.54	138	5.60	< 0.1
99748	0.094	< 1	0.149	14.9	< 0.1	2	0.054	0.21	1.22	0.06	0.10	0.35	1.4	30	10	529	1.38	6.0	6.0	2.01	160	4.81	< 0.1
99749	0.121	< 1	0.088	24.3	0.2	2	0.052	0.31	1.92	0.10	0.15	0.22	2.0	34	14	495	1.76	6.9	13.7	6.60	125	6.61	< 0.1
99750	0.107	< 1	0.114	17.4	0.3	2	0.048	0.19	2.29	0.08	0.18	0.19	1.6	26	12	409	1.64	5.7	17.6	6.86	102	5.76	< 0.1
99751	0.117	< 1	0.031	25.9	0.2	1	0.038	0.49	1.42	0.28	0.20	0.28	3.0	38	20	383	2.23	8.5	13.4	8.31	73.1	4.60	< 0.1
99752	0.150	< 1	0.023	39.9	0.4	2	0.048	0.55	2.72	0.26	0.25	0.53	3.9	45	22	755	2.64	9.1	16.8	12.6	85.7	7.51	< 0.1
99753	0.124	< 1	0.173	22.5	0.3	2	0.062	0.34	2.04	0.18	0.11	0.33	2.6	31	11	326	1.84	6.2	11.5	7.92	220	6.11	< 0.1
99754	0.128	< 1	0.091	20.9	0.2	3	0.049	0.41	2.00	0.24	0.15	0.40	2.7	34	12	912	1.86	6.0	7.7	5.38	304	6.08	< 0.1
99755	0.109	< 1	0.146	27.4	0.2	4	0.050	0.19	2.09	0.10	0.18	0.25	2.0	31	11	479	1.78	6.0	10.0	5.13	253	6.41	< 0.1
99756	0.077	< 1	0.038	12.2	< 0.1	1	0.041	0.11	1.08	0.05	0.13	0.10	1.2	22	8	141	1.06	3.5	7.1	4.51	59.3	3.80	< 0.1
99757	0.096	< 1	0.073	11.8	0.2	2	0.060	0.12	1.75	0.05	0.10	0.19	1.3	27	8	245	1.31	4.3	7.8	4.45	74.9	5.24	< 0.1
99758	0.096	< 1	0.122	16.7	0.2	2	0.040	0.12	1.83	0.07	0.16	0.11	1.4	22	10	350	1.30	5.3	15.7	4.28	83.3	5.09	< 0.1
99759	0.100	< 1	0.120	16.0	0.3	2	0.051	0.17	1.97	0.07	0.15	0.25	1.7	32	12	997	1.68	6.1	14.0	7.06	106	5.67	< 0.1
99760	0.096	< 1	0.036	22.4	0.2	2	0.050	0.25	2.16	0.15	0.15	0.19	2.0	28	16	636	1.92	7.4	21.7	8.30	94.0	5.78	< 0.1
99761	0.096	< 1	0.109	17.2	< 0.1	2	0.061	0.18	1.57	0.08	0.13	0.27	1.6	29	11	421	1.32	4.8	8.3	3.09	121	4.99	< 0.1
99762	0.090	< 1	0.044	21.2	0.3	1	0.035	0.18	1.65	0.09	0.47	0.10	1.5	29	13	229	1.99	6.8	16.7	7.01	113	6.12	< 0.1
99763	0.072	< 1	0.027	17.6	0.1	2	0.031	0.14	1.19	0.10	0.22	0.19	1.2	19	9	222	1.06	3.9	8.9	1.96	56.4	3.87	< 0.1
99764	0.043	< 1	0.074	9.6	0.1	3	0.028	0.19	0.76	0.18	0.30	0.42	1.2	16	12	834	1.22	5.6	11.1	12.4	70.9	2.35	< 0.1
99765	0.053	< 1	0.047	13.0	< 0.1	4	0.038	0.16	0.89	0.10	0.15	0.58	0.6	16	8	874	0.82	3.9	10.4	6.93	68.4	2.65	< 0.1
99766	0.075	< 1	0.066	19.0	0.2	1	0.032	0.13	1.24	0.08	0.19	0.15	1.4	17	8	512	1.04	4.4	9.7	3.85	78.7	3.72	< 0.1
99767	0.064	< 1	0.063	8.9	< 0.1	2	0.043	0.07	0.86	0.04	0.14	0.15	0.6	17	6	689	0.80	3.3	5.8	2.23	77.4	3.48	< 0.1

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1
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
99768	0.069	< 1	0.017	16.4	0.1	2	0.046	0.09	1.03	0.06	0.17	0.16	0.6	19	8	152	0.95	3.5	8.2	2.88	39.5	3.55	< 0.1
99769	0.077	< 1	0.034	16.9	< 0.1	2	0.036	0.13	1.13	0.07	0.26	0.14	0.9	23	12	262	1.40	5.2	11.5	3.12	53.5	3.96	< 0.1
99770	0.109	< 1	0.100	25.6	0.4	2	0.045	0.24	1.95	0.11	0.35	0.21	1.9	31	14	1400	1.76	8.1	19.7	8.78	138	5.12	< 0.1
99771	0.097	< 1	0.116	21.8	0.3	2	0.043	0.17	2.08	0.07	0.41	0.15	1.3	29	12	1340	1.78	7.3	19.7	8.68	147	5.68	< 0.1
99772	0.072	< 1	0.040	15.8	0.2	< 1	0.029	0.22	1.13	0.09	0.21	0.15	1.8	21	12	158	1.60	5.2	13.6	12.2	39.5	3.01	< 0.1
99773	0.054	< 1	0.052	13.4	0.1	2	0.029	0.15	1.09	0.06	0.20	0.15	1.0	19	10	407	1.37	4.7	10.4	5.49	111	3.35	< 0.1
99774	0.068	< 1	0.152	8.8	0.1	1	0.033	0.07	1.21	0.04	0.15	0.12	0.7	20	7	485	1.10	3.7	5.9	2.70	95.0	3.51	< 0.1
99775	0.072	< 1	0.138	12.2	0.1	2	0.049	0.07	1.67	0.03	0.15	0.09	0.8	21	6	191	1.04	3.7	7.0	4.38	46.6	4.48	< 0.1
99776	0.066	< 1	0.048	2.9	< 0.1	< 1	0.034	0.03	0.48	0.02	0.06	0.06	0.4	21	4	104	0.74	1.9	1.6	0.95	19.6	2.70	< 0.1
99777	0.047	< 1	0.028	7.5	< 0.1	< 1	0.021	0.09	0.52	0.05	0.18	0.09	0.9	15	7	468	0.91	2.8	4.5	3.39	25.3	2.53	< 0.1
99778	0.075	< 1	0.082	12.0	0.1	2	0.042	0.08	1.49	0.04	0.15	0.17	0.8	21	7	458	1.04	4.2	9.6	4.37	56.6	4.28	< 0.1
99779	0.087	< 1	0.051	17.2	0.3	< 1	0.027	0.33	1.13	0.23	0.38	0.19	2.3	29	20	248	2.22	5.9	13.6	12.6	45.7	3.68	< 0.1
99780	0.084	< 1	0.111	23.0	0.3	2	0.048	0.13	1.78	0.08	0.21	0.18	1.3	24	9	926	1.34	4.9	20.6	5.35	118	5.01	< 0.1
99781	0.088	< 1	0.058	16.4	0.3	1	0.036	0.20	1.61	0.12	0.34	0.18	1.9	26	13	325	1.84	6.9	19.2	12.5	87.9	4.40	< 0.1
99782	0.094	< 1	0.064	27.8	0.2	1	0.039	0.17	1.52	0.08	0.25	0.13	1.5	27	11	214	1.66	6.5	18.0	4.24	75.3	5.23	< 0.1
99783	0.075	< 1	0.039	16.4	< 0.1	1	0.034	0.11	1.17	0.07	0.21	0.13	0.9	23	9	125	1.30	4.2	10.2	2.75	52.7	4.14	< 0.1
99784	0.070	< 1	0.009	24.6	< 0.1	1	0.042	0.15	0.98	0.11	0.18	0.13	1.2	20	10	216	1.08	7.1	9.9	3.21	54.8	3.44	< 0.1
99785	0.050	< 1	0.040	10.9	0.1	1	0.025	0.15	0.52	0.12	0.25	0.14	1.3	14	8	138	0.98	4.0	5.4	6.07	24.7	2.03	< 0.1
99786	0.054	< 1	0.030	12.9	< 0.1	< 1	0.030	0.11	0.84	0.05	0.15	0.14	0.9	16	7	144	0.95	3.2	8.9	2.59	40.2	3.00	< 0.1
99787	0.064	< 1	0.067	18.1	< 0.1	1	0.038	0.14	1.26	0.07	0.14	0.22	1.2	16	8	201	0.98	4.3	13.4	3.83	66.2	3.65	< 0.1
99788	0.088	< 1	0.173	25.9	0.4	1	0.048	0.13	2.27	0.06	0.17	0.11	1.7	22	9	148	1.35	5.3	15.9	5.60	122	5.54	< 0.1
99789	0.110	< 1	0.043	37.5	0.8	1	0.034	0.51	1.59	0.33	0.51	0.56	4.9	31	19	520	2.14	7.6	16.1	27.9	66.0	5.89	< 0.1
99790	0.097	< 1	0.031	26.8	0.2	3	0.046	0.17	1.56	0.11	0.23	0.16	1.6	26	10	364	1.41	5.1	14.1	5.44	99.0	5.31	< 0.1
99791	0.084	< 1	0.086	16.0	0.2	3	0.049	0.17	1.64	0.12	0.17	0.23	1.4	18	10	747	1.04	4.4	13.3	6.38	112	4.22	< 0.1
99792	0.078	< 1	0.039	18.9	0.1	2	0.034	0.24	1.06	0.20	0.31	0.29	1.8	21	15	532	1.47	7.0	13.5	6.82	84.4	3.56	< 0.1
99793	0.066	< 1	0.040	20.5	0.3	2	0.029	0.19	1.18	0.14	0.24	0.17	1.6	19	12	417	1.66	7.9	18.0	10.3	66.4	3.81	< 0.1
99794	0.065	< 1	0.054	18.0	0.2	2	0.034	0.14	1.20	0.07	0.20	0.19	0.9	20	10	428	1.17	4.8	13.3	5.51	79.4	3.85	< 0.1
99795	0.067	< 1	0.022	14.4	0.1	2	0.030	0.15	1.07	0.08	0.19	0.14	1.2	19	9	395	1.06	3.8	8.2	3.55	47.8	3.42	< 0.1
99796	0.086	< 1	0.064	17.8	0.3	2	0.038	0.15	1.48	0.08	0.25	0.13	1.3	25	10	271	1.49	5.8	14.4	5.03	82.2	4.60	< 0.1
99797	0.076	< 1	0.031	16.7	0.1	2	0.033	0.14	1.06	0.08	0.22	0.17	1.0	20	9	638	1.00	4.6	10.7	3.10	74.7	3.95	< 0.1
99798	0.068	< 1	0.021	11.4	< 0.1	1	0.024	0.15	0.83	0.09	0.20	0.20	1.1	19	10	472	1.06	3.7	7.5	6.80	44.2	3.26	< 0.1
99799	0.098	< 1	0.096	23.0	0.3	2	0.045	0.14	1.85	0.07	0.20	0.15	1.5	27	9	192	1.46	5.6	15.9	11.3	98.1	5.05	< 0.1
99800	0.100	< 1	0.090	22.3	0.3	2	0.047	0.13	2.13	0.09	0.20	0.20	1.2	24	11	331	1.40	4.9	20.0	4.38	89.1	5.61	< 0.1
99801	0.095	< 1	0.144	18.3	0.2	1	0.046	0.19	2.10	0.06	0.16	0.16	1.6	26	10	247	1.54	7.5	11.5	9.02	60.9	5.57	< 0.1
99802	0.075	< 1	0.112	16.8	< 0.1	1	0.026	0.23	1.27	0.08	0.15	0.14	1.8	21	10	456	1.22	7.0	10.3	7.04	52.6	4.39	< 0.1
99803	0.086	< 1	0.196	16.5	0.2	2	0.043	0.18	1.85	0.07	0.17	0.21	1.5	24	10	358	1.44	6.5	12.4	7.55	83.8	5.13	< 0.1
99804	0.079	< 1	0.035	16.1	0.1	1	0.042	0.21	1.35	0.08	0.19	0.29	1.7	24	10	152	1.34	5.6	9.6	8.44	53.0	4.35	< 0.1
99805	0.078	< 1	0.034	42.9	0.3	1	0.033	0.48	1.36	0.21	0.21	0.28	2.6	28	13	221	1.88	7.1	16.2	8.90	63.6	4.13	< 0.1
99806	0.078	< 1	0.039	36.2	0.1	2	0.046	0.25	1.39	0.12	0.15	0.24	2.0	28	10	215	1.98	6.5	21.3	9.96	95.1	4.42	< 0.1
99807	0.054	< 1	0.036	10.7	< 0.1	< 1	0.029	0.20	0.79	0.08	0.15	0.22	1.7	21	8	129	1.14	4.5	5.9	7.15	19.0	2.52	< 0.1
99808	0.078	< 1	0.057	50.4	0.8	3	0.046	0.53	2.46	0.28	1.02	1.49	3.8	30	20	344	3.27	12.7	127	74.3	82.8	5.98	< 0.1
99809	0.074	< 1	0.121	19.0	0.2	1	0.046	0.38	1.33	0.13	0.18	0.30	2.1	26	14	502	1.84	9.7	19.4	13.0	96.5	4.20	< 0.1

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1
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
99810	0.083	< 1	0.073	21.2	0.2	1	0.042	0.30	1.47	0.11	0.16	0.23	2.2	29	12	362	1.93	6.9	14.3	9.55	55.2	4.45	< 0.1
99811	0.073	< 1	0.068	13.3	< 0.1	1	0.042	0.20	1.05	0.08	0.12	0.21	1.8	24	8	239	1.12	5.0	7.1	4.51	58.7	3.47	< 0.1
99812	0.075	< 1	0.085	18.5	0.1	1	0.036	0.20	1.33	0.08	0.15	0.16	1.8	23	9	138	1.25	5.8	7.9	3.93	59.5	4.32	< 0.1
99813	0.076	< 1	0.064	16.0	0.1	1	0.043	0.30	1.24	0.12	0.17	0.27	2.2	27	11	281	1.51	6.8	9.2	8.72	39.9	3.78	< 0.1
99814	0.093	< 1	0.013	16.3	< 0.1	1	0.059	0.08	1.21	0.04	0.11	0.17	1.3	21	7	82	0.95	4.6	4.6	2.32	20.3	4.38	< 0.1
99815	0.125	< 1	0.115	26.3	0.5	8	0.048	0.43	2.99	0.11	0.20	0.31	3.5	51	17	437	2.47	10.6	14.3	24.6	57.9	6.69	< 0.1
99816	0.091	< 1	0.012	23.2	0.1	< 1	0.051	0.30	1.59	0.13	0.14	0.27	2.6	32	13	145	1.55	6.2	8.1	9.83	24.8	4.45	< 0.1
99817	0.090	< 1	0.046	18.6	0.3	< 1	0.043	0.39	1.76	0.17	0.21	0.25	3.3	35	13	288	1.89	7.5	8.2	12.7	35.0	5.06	< 0.1
99818	0.112	< 1	0.076	20.0	0.5	< 1	0.048	0.74	1.90	0.42	0.30	0.54	7.2	60	31	363	2.86	10.4	14.4	25.1	48.2	6.19	< 0.1
99819	0.153	< 1	0.028	36.6	0.3	2	0.052	0.83	2.95	0.32	0.20	0.49	5.0	61	25	543	2.84	11.6	12.6	11.9	70.9	7.54	< 0.1
99820	0.161	< 1	0.055	28.6	0.2	1	0.050	0.65	2.38	0.25	0.61	0.35	4.5	57	24	397	2.43	10.7	11.8	7.37	78.5	7.89	< 0.1
99821	0.093	< 1	0.056	27.7	0.3	1	0.043	0.42	2.12	0.17	0.31	0.20	4.0	51	26	270	2.92	12.7	25.3	13.1	71.4	6.58	< 0.1
99822	0.073	< 1	0.014	1.8	< 0.1	1	0.044	0.10	0.45	0.07	0.10	0.40	1.2	17	5	312	0.52	1.8	1.6	0.91	16.1	2.22	< 0.1
99823	0.059	< 1	0.030	9.3	< 0.1	< 1	0.026	0.31	0.80	0.11	0.12	0.21	1.6	21	9	146	1.30	6.0	8.0	14.0	23.1	2.43	< 0.1
99824	0.106	< 1	0.072	19.9	0.2	2	0.051	0.25	1.91	0.09	0.18	0.21	1.9	30	11	319	1.70	8.3	12.1	9.25	76.1	5.71	< 0.1
99825	0.115	< 1	0.118	15.4	0.5	2	0.050	0.15	3.23	0.04	0.16	0.12	2.1	29	9	190	1.75	5.9	7.7	9.19	54.0	7.37	< 0.1
99826	0.085	< 1	0.115	15.8	0.2	1	0.033	0.25	1.76	0.07	0.19	0.16	1.9	29	10	213	1.72	6.4	8.5	10.1	65.6	5.44	< 0.1
99827	0.061	< 1	0.016	30.0	< 0.1	< 1	0.040	0.17	1.40	0.08	0.16	0.20	1.4	20	7	85	1.13	4.0	8.3	6.00	24.3	4.20	< 0.1
99828	0.086	< 1	0.094	15.8	0.1	1	0.038	0.12	1.79	0.06	0.17	0.19	1.3	22	7	324	1.24	4.2	5.2	5.49	46.2	6.00	< 0.1
99829	0.095	< 1	0.072	49.2	0.2	1	0.039	0.48	1.66	0.13	0.24	0.36	2.6	31	17	286	1.95	6.9	21.0	13.6	110	5.25	< 0.1
99830	0.073	< 1	0.064	17.8	0.2	< 1	0.042	0.41	1.13	0.17	0.22	0.44	3.5	31	13	524	2.07	7.6	12.2	12.5	28.4	3.67	< 0.1
99831	0.068	< 1	0.074	25.7	0.3	3	0.040	0.50	1.53	0.25	0.29	1.03	3.3	35	16	1290	3.33	8.5	19.9	20.1	51.4	4.16	< 0.1
99832	0.070	< 1	0.096	12.6	0.1	< 1	0.034	0.23	0.71	0.15	0.16	0.36	2.2	22	8	309	1.06	3.8	3.5	4.68	33.0	2.89	< 0.1
99833	0.083	< 1	0.061	17.8	< 0.1	1	0.043	0.22	1.11	0.11	0.16	0.21	2.3	27	9	395	1.29	5.2	7.2	6.04	62.6	4.65	< 0.1
99834	0.095	< 1	0.043	32.2	0.3	1	0.047	0.46	1.44	0.17	0.24	0.35	3.0	35	15	766	2.41	8.0	16.1	15.3	55.4	4.41	< 0.1
99835	0.062	< 1	0.046	17.3	0.1	3	0.041	0.36	0.97	0.15	0.18	0.39	2.6	25	11	402	1.83	5.3	9.7	10.5	32.7	3.00	< 0.1
99836	0.082	< 1	0.023	40.0	0.2	2	0.051	0.17	1.81	0.10	0.18	0.25	1.9	22	9	249	1.32	4.0	7.6	6.49	40.7	4.50	< 0.1
99837	0.060	< 1	0.093	13.0	0.1	< 1	0.028	0.19	1.02	0.07	0.16	0.26	1.9	20	7	150	1.07	3.6	3.9	4.64	29.0	3.16	< 0.1
99838	0.073	< 1	0.040	14.9	0.2	1	0.038	0.19	1.24	0.13	0.17	0.21	2.1	24	7	161	1.37	4.0	4.8	7.83	26.6	4.31	< 0.1
99839	0.075	< 1	0.046	19.6	0.1	1	0.042	0.22	1.38	0.11	0.17	0.29	2.4	25	9	290	1.38	5.1	5.9	8.89	42.1	4.19	< 0.1
99840	0.106	< 1	0.042	25.3	0.3	1	0.045	0.57	1.95	0.24	0.17	0.35	3.8	46	17	448	2.30	8.5	9.7	15.5	47.2	5.56	< 0.1
99841	0.076	< 1	0.115	11.8	0.2	1	0.046	0.10	1.87	0.05	0.17	0.18	1.5	21	7	165	1.14	4.3	5.1	4.25	45.4	4.71	< 0.1
99842	0.086	< 1	0.179	15.1	0.2	3	0.050	0.17	1.79	0.05	0.21	0.16	1.6	27	10	430	1.48	5.2	6.2	5.53	66.3	5.68	< 0.1
99843	0.052	< 1	0.066	12.1	< 0.1	< 1	0.028	0.17	0.78	0.06	0.11	0.22	1.5	19	6	153	0.87	3.8	4.1	2.36	30.0	2.32	< 0.1
99844	0.053	< 1	0.079	10.9	0.1	< 1	0.030	0.11	0.88	0.06	0.30	0.15	1.4	16	5	258	0.80	3.2	3.0	3.46	41.2	2.96	< 0.1
99845	0.087	< 1	0.159	28.7	0.4	1	0.047	0.21	2.47	0.09	0.18	0.27	2.3	28	10	414	1.70	6.3	10.2	7.15	69.4	5.76	< 0.1
99846	0.076	< 1	0.072	20.5	0.1	1	0.040	0.20	1.48	0.09	0.16	0.20	2.1	26	8	209	1.34	5.3	6.0	6.02	41.3	4.08	< 0.1
99847	0.050	< 1	0.097	17.7	0.5	3	0.040	0.39	1.90	0.15	0.28	1.50	1.9	30	14	739	2.68	5.9	9.8	31.4	58.9	4.45	< 0.1
99848	0.085	< 1	0.049	21.9	0.2	133	0.045	0.44	1.26	0.19	0.20	0.35	3.4	34	13	327	1.83	6.2	9.6	12.9	33.7	4.08	< 0.1
99849	0.110	< 1	0.128	18.3	0.5	3	0.048	0.17	2.88	0.06	0.36	0.17	2.0	28	11	187	1.67	5.9	8.7	8.39	88.1	6.82	< 0.1
99850	0.084	< 1	0.202	11.7	< 0.1	2	0.049	0.09	1.87	0.04	0.15	0.12	0.8	23	7	149	1.17	3.7	3.3	3.27	45.2	7.61	< 0.1
99851	0.072	< 1	0.058	9.0	< 0.1	< 1	0.036	0.45	0.99	0.14	0.26	0.37	2.7	26	11	339	1.36	7.1	8.2	13.3	24.1	2.80	< 0.1

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1
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
99852	0.086	< 1	0.246	12.3	0.2	2	0.052	0.09	2.26	0.04	0.18	0.19	1.2	24	7	443	1.30	5.5	3.5	2.85	78.8	7.74	< 0.1
99853	0.028	< 1	0.017	9.7	< 0.1	2	0.026	0.12	0.48	0.05	0.13	0.23	0.9	12	5	89	0.83	2.7	3.1	5.95	10.6	1.57	< 0.1
99854	0.057	< 1	0.057	16.5	0.1	< 1	0.035	0.30	1.03	0.14	0.19	0.40	2.0	21	12	171	1.14	4.2	6.9	11.8	30.2	2.93	< 0.1
99855	0.100	< 1	0.022	24.6	0.1	1	0.044	0.27	1.70	0.09	0.20	0.30	2.3	35	15	366	2.08	6.3	8.4	6.98	80.0	5.68	< 0.1
99856	0.098	< 1	0.066	33.9	0.9	1	0.041	0.67	1.92	0.21	0.52	0.59	3.4	40	22	1250	2.92	10.5	12.6	19.7	65.0	5.29	< 0.1
99857	0.087	< 1	0.071	32.4	0.6	1	0.042	0.51	1.55	0.18	0.31	0.43	2.8	33	20	868	2.15	7.2	10.1	12.3	59.0	4.38	< 0.1
99858	0.084	< 1	0.062	29.0	0.7	1	0.035	0.54	1.58	0.18	0.32	0.38	3.1	32	22	1520	2.38	9.1	12.4	15.2	60.8	4.36	< 0.1
99859	0.092	< 1	0.059	34.3	0.8	< 1	0.038	0.58	1.74	0.18	0.35	0.41	3.4	38	22	836	2.57	8.5	11.7	13.6	57.1	4.78	< 0.1
99860	0.070	< 1	0.053	13.9	0.1	< 1	0.030	0.22	0.84	0.12	0.20	0.20	1.9	20	9	168	1.10	3.4	5.1	6.78	39.1	2.94	< 0.1
99861	0.063	< 1	0.062	10.0	0.1	< 1	0.025	0.22	0.84	0.10	0.14	0.23	1.7	18	10	167	1.01	3.8	6.8	6.01	28.2	2.26	< 0.1
99862	0.071	< 1	0.079	11.4	0.1	1	0.039	0.16	1.40	0.06	0.12	0.19	1.5	19	9	183	0.99	4.6	7.7	4.53	67.9	3.77	< 0.1
99863	0.064	< 1	0.108	12.8	0.1	< 1	0.021	0.18	1.20	0.06	0.13	0.15	1.4	20	10	141	1.12	4.2	7.7	7.08	45.3	2.77	< 0.1
99864	0.062	< 1	0.069	9.8	0.1	< 1	0.026	0.21	0.79	0.11	0.19	0.25	1.8	22	10	196	1.13	4.5	6.2	9.36	26.7	2.42	< 0.1
99865	0.084	< 1	0.073	12.3	0.2	< 1	0.030	0.31	1.00	0.16	0.28	0.31	2.8	26	12	249	1.40	5.1	7.4	11.8	30.5	3.10	< 0.1
99866	0.110	< 1	0.030	49.4	0.9	1	0.043	0.66	2.14	0.18	0.34	0.42	4.1	43	24	608	2.69	10.6	15.3	28.0	50.3	6.06	< 0.1
99867	0.099	< 1	0.027	25.7	0.3	< 1	0.049	0.32	1.69	0.13	0.27	0.25	2.0	36	13	225	2.04	6.0	8.4	9.53	42.4	5.87	< 0.1
99868	0.099	< 1	0.067	31.9	0.8	< 1	0.041	0.67	1.92	0.19	0.40	0.45	4.0	43	23	941	2.74	11.2	13.9	22.2	67.2	5.28	< 0.1
99869	0.076	< 1	0.058	20.4	0.3	< 1	0.032	0.46	1.13	0.15	0.34	0.32	2.6	27	18	581	1.92	6.7	10.0	12.0	42.5	3.59	< 0.1
99870	0.087	< 1	0.053	25.7	0.5	2	0.034	0.55	1.32	0.17	0.25	0.32	3.3	35	20	527	2.20	7.3	10.9	14.4	43.5	4.47	< 0.1
99876	0.063	< 1	0.017	10.2	< 0.1	< 1	0.022	0.13	0.69	0.09	0.16	0.11	1.1	17	8	127	0.99	3.3	6.0	3.38	28.5	2.32	< 0.1
99877	0.077	< 1	0.071	20.8	0.4	3	0.039	0.26	1.46	0.29	0.46	0.71	2.5	26	13	1470	2.82	8.9	14.3	12.1	58.8	4.63	< 0.1
99878	0.072	< 1	0.089	14.7	0.1	1	0.040	0.10	1.16	0.07	0.19	0.13	1.1	21	7	298	1.01	4.5	9.7	3.55	61.2	3.94	< 0.1
99879	0.094	< 1	0.054	17.1	0.2	1	0.046	0.13	1.77	0.07	0.20	0.13	1.1	25	9	145	1.37	5.6	16.9	4.91	67.3	5.24	< 0.1
99880	0.076	< 1	0.045	14.5	0.2	< 1	0.027	0.15	1.38	0.08	0.26	0.13	1.3	21	9	179	1.22	5.3	13.0	6.46	55.0	4.11	< 0.1
99881	0.072	< 1	0.036	13.3	0.2	< 1	0.031	0.25	0.92	0.19	0.34	0.16	2.1	25	14	304	1.68	6.2	12.3	12.1	44.8	3.05	< 0.1
99882	0.102	< 1	0.114	24.2	0.4	2	0.045	0.21	2.20	0.12	0.38	0.21	1.6	28	14	254	1.97	7.9	32.2	8.68	130	6.34	< 0.1

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
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
99726	6.1	18.3	12.4	4.31	0.8	3.8	0.51	0.218	< 0.02	0.76	0.13	< 0.02	1.26	77.7	26.7	51.0	0.02	6.3	19.6	3.1	< 0.1	0.3	2.2
99727	3.5	16.6	13.9	3.32	0.6	2.5	0.42	0.148	< 0.02	0.88	0.11	< 0.02	1.52	113	19.1	37.0	0.03	4.6	14.4	2.4	< 0.1	0.2	1.6
99728	9.8	11.6	29.1	3.14	4.9	2.8	0.51	0.292	< 0.02	0.91	0.10	< 0.02	1.79	149	12.9	28.5	0.11	3.0	9.40	1.6	< 0.1	0.2	1.2
99729	7.9	16.5	18.9	2.18	3.1	3.1	0.56	0.233	< 0.02	0.88	0.12	< 0.02	1.99	113	9.5	20.8	0.08	2.2	7.61	1.2	< 0.1	0.1	0.9
99730	5.7	25.1	19.0	2.44	2.0	2.6	0.52	0.136	< 0.02	0.90	0.11	< 0.02	2.55	177	10.2	22.8	0.07	2.7	8.71	1.5	< 0.1	0.2	1.1
99731	5.5	30.1	22.0	5.42	6.9	1.9	0.56	0.136	0.03	0.99	0.20	< 0.02	2.26	97.2	25.0	55.4	< 0.01	6.4	21.5	3.8	< 0.1	0.5	2.7
99732	6.9	42.1	22.0	3.26	2.2	2.4	0.73	0.407	0.02	0.99	0.11	0.03	6.64	224	16.6	35.1	0.12	4.4	14.8	2.6	< 0.1	0.3	1.8
99733	5.7	21.7	27.0	3.28	2.5	3.6	0.65	0.247	0.02	1.05	0.13	0.04	2.18	190	15.8	33.1	0.04	3.9	13.2	2.1	< 0.1	0.3	1.6
99734	10.1	23.8	27.1	7.41	2.3	6.1	0.76	0.163	0.02	0.81	0.23	< 0.02	1.84	86.4	25.2	48.8	0.11	6.1	20.7	3.7	< 0.1	0.5	2.7
99735	10.5	15.0	31.9	2.74	7.6	1.9	0.53	0.155	0.02	1.12	0.13	< 0.02	2.87	346	6.6	16.3	0.06	1.7	5.89	1.1	< 0.1	0.2	0.8
99736	8.0	10.2	12.9	1.12	2.4	2.0	0.63	0.404	< 0.02	0.76	0.08	< 0.02	1.43	65.0	7.3	13.2	0.11	1.5	4.95	0.8	< 0.1	0.1	0.6
99737	4.0	7.6	16.0	1.70	8.5	1.7	0.36	0.199	< 0.02	0.71	0.07	< 0.02	1.42	73.0	6.7	15.7	0.10	1.7	5.61	1.0	< 0.1	0.1	0.8
99738	3.1	43.9	30.6	2.60	1.7	2.3	0.47	0.151	< 0.02	1.09	0.11	< 0.02	3.59	188	16.5	33.3	0.06	4.1	13.4	2.2	< 0.1	0.3	1.5
99739	10.8	29.5	26.1	3.77	1.3	3.1	0.58	0.175	0.02	1.19	0.14	< 0.02	2.88	124	21.1	40.9	0.03	4.9	16.7	2.7	< 0.1	0.3	1.9
99740	4.9	15.0	15.9	2.12	1.6	2.6	0.47	0.129	< 0.02	0.88	0.08	< 0.02	1.99	114	12.2	24.6	0.07	2.9	9.89	1.6	< 0.1	0.2	1.2
99741	9.1	11.2	15.5	1.51	5.1	2.5	0.51	0.173	0.02	0.84	0.07	< 0.02	2.15	109	5.5	13.0	0.02	1.5	4.81	0.9	< 0.1	0.1	0.7
99742	6.7	13.9	15.2	1.99	5.1	2.4	0.49	0.127	0.02	0.84	0.08	< 0.02	2.44	96.9	8.2	18.5	0.01	2.1	6.76	1.2	< 0.1	0.2	0.8
99743	4.8	5.0	12.7	1.43	3.1	1.8	0.36	0.121	< 0.02	0.61	0.06	< 0.02	1.00	101	6.4	14.0	0.03	1.4	4.90	0.8	< 0.1	0.1	0.6
99744	8.0	39.4	23.5	3.98	0.9	4.3	0.79	0.154	< 0.02	1.03	0.19	< 0.02	3.65	90.1	26.0	48.9	0.07	5.8	18.0	2.9	< 0.1	0.2	1.9
99745	2.7	15.6	8.2	3.29	1.1	2.9	0.44	0.163	< 0.02	0.62	0.14	0.13	1.78	69.7	18.1	33.3	0.06	3.8	12.0	1.9	< 0.1	0.2	1.4
99746	3.1	14.9	21.2	1.57	2.1	1.4	0.52	0.087	< 0.02	0.81	0.07	0.05	1.86	206	4.7	10.4	0.03	1.2	4.17	0.6	< 0.1	0.1	0.6
99747	8.9	17.8	29.6	2.32	3.0	1.3	0.41	0.064	< 0.02	0.80	0.09	0.03	2.56	229	4.8	11.5	0.08	1.3	4.76	0.9	< 0.1	0.1	0.7
99748	7.1	7.3	29.4	1.27	1.2	0.8	0.40	0.036	< 0.02	0.64	0.07	< 0.02	1.14	241	3.1	7.26	0.05	0.9	3.14	0.6	< 0.1	0.1	0.4
99749	13.5	16.1	18.5	1.77	1.5	1.6	0.67	0.053	< 0.02	0.83	0.08	< 0.02	2.14	154	6.8	13.9	< 0.01	1.7	5.95	1.1	< 0.1	0.1	0.8
99750	8.1	13.7	18.0	2.36	6.0	2.0	0.50	0.090	< 0.02	0.71	0.10	< 0.02	1.75	169	8.3	20.2	0.06	2.1	7.02	1.3	< 0.1	0.2	1.0
99751	64.6	43.1	22.1	4.59	1.0	2.5	0.59	0.064	< 0.02	0.74	0.10	< 0.02	2.30	120	20.5	42.3	< 0.01	5.2	17.1	3.1	< 0.1	0.3	2.1
99752	54.9	44.6	34.6	5.13	3.3	2.8	0.82	0.100	0.02	0.93	0.12	< 0.02	2.81	130	13.4	28.8	0.11	3.4	11.9	2.3	< 0.1	0.3	1.7
99753	173	29.5	29.4	4.20	6.0	2.2	0.36	0.106	< 0.02	0.68	0.14	< 0.02	2.28	131	7.8	21.1	0.16	2.3	7.87	1.7	< 0.1	0.2	1.4
99754	98.5	36.3	34.1	2.89	4.3	2.4	0.56	0.135	0.02	0.74	0.09	0.10	2.61	191	6.3	16.2	0.47	1.8	6.16	1.2	< 0.1	0.2	0.8
99755	42.4	13.6	24.9	2.21	3.5	1.7	0.51	0.084	< 0.02	0.79	0.08	0.04	2.12	204	6.0	11.8	0.23	1.6	5.39	1.0	< 0.1	0.2	0.8
99756	6.2	9.4	11.1	2.15	3.3	1.8	0.32	0.150	< 0.02	0.62	0.06	< 0.02	1.30	89.9	11.4	22.3	< 0.01	2.8	9.07	1.5	< 0.1	0.2	1.0
99757	6.6	7.6	16.8	1.84	7.1	1.5	1.45	0.118	< 0.02	0.53	0.06	< 0.02	1.26	85.9	4.8	12.6	0.02	1.3	4.53	0.8	< 0.1	0.1	0.6
99758	8.6	11.0	14.4	2.14	4.6	2.2	0.49	0.127	< 0.02	0.80	0.08	< 0.02	1.51	125	9.4	20.8	0.01	2.4	7.81	1.4	< 0.1	0.2	1.0
99759	8.9	14.8	26.6	2.30	2.7	1.8	0.42	0.098	0.02	0.63	0.07	< 0.02	1.76	177	7.7	17.8	0.05	2.0	7.12	1.3	< 0.1	0.2	0.9
99760	15.3	24.5	21.1	2.63	0.7	1.7	0.61	0.226	< 0.02	0.82	0.11	0.13	2.30	238	14.0	29.7	0.02	3.8	12.9	2.3	< 0.1	0.2	1.5
99761	7.1	12.4	22.1	1.23	2.5	1.2	0.64	0.095	< 0.02	0.61	0.08	0.04	1.69	129	4.1	9.15	0.04	1.1	3.90	0.7	< 0.1	0.1	0.5
99762	7.2	17.6	12.6	2.92	1.9	3.0	0.62	0.096	0.04	0.93	0.15	0.03	2.31	96.6	17.3	33.9	0.02	4.0	13.5	2.1	< 0.1	0.2	1.6
99763	2.7	17.6	18.7	3.05	0.5	3.1	0.31	0.094	< 0.02	0.79	0.06	< 0.02	1.66	81.5	17.9	35.9	0.01	4.3	14.1	2.4	< 0.1	0.2	1.6
99764	6.5	18.2	28.7	4.24	0.5	2.5	0.71	0.099	< 0.02	0.60	0.10	0.02	1.40	85.5	17.3	34.7	0.20	4.0	12.7	2.2	< 0.1	0.2	1.6
99765	3.0	12.5	46.2	2.38	0.3	1.9	0.82	0.154	< 0.02	0.45	0.10	< 0.02	1.19	102	8.7	14.7	0.17	1.9	6.32	1.1	< 0.1	0.1	0.8
99766	1.8	15.2	13.9	4.16	1.4	3.3	0.30	0.123	0.02	0.80	0.07	< 0.02	1.49	123	21.0	45.7	0.07	4.7	15.6	2.6	< 0.1	0.2	1.9
99767	2.2	6.4	12.6	1.20	0.7	1.4	0.36	0.080	< 0.02	0.50	0.06	< 0.02	1.10	70.7	5.5	11.4	0.01	1.3	4.35	0.8	< 0.1	0.1	0.5

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
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
99768	3.4	7.9	18.3	1.35	1.7	1.9	0.58	0.109	< 0.02	0.58	0.07	< 0.02	1.06	70.4	6.3	13.9	< 0.01	1.5	5.04	0.9	< 0.1	0.1	0.6
99769	4.5	15.8	14.7	2.10	0.7	2.3	0.54	0.153	< 0.02	0.69	0.07	0.14	1.65	73.4	9.0	17.3	< 0.01	2.1	6.93	1.2	< 0.1	0.1	0.8
99770	5.5	30.6	20.9	2.40	1.0	2.2	0.62	0.223	0.02	0.85	0.07	0.04	2.96	191	10.5	21.0	0.07	2.5	7.98	1.4	< 0.1	0.2	0.9
99771	6.9	14.4	13.7	2.04	0.7	1.4	0.55	0.188	< 0.02	0.75	0.11	0.02	2.00	135	10.7	20.8	0.09	2.5	8.07	1.4	< 0.1	0.2	1.0
99772	6.0	19.9	12.8	5.22	2.3	1.3	0.34	0.113	< 0.02	0.68	0.07	< 0.02	1.32	114	30.1	60.7	0.01	7.4	23.6	3.8	< 0.1	0.4	2.8
99773	3.7	13.7	14.1	2.92	0.6	2.0	0.35	0.084	< 0.02	0.60	0.06	< 0.02	1.27	82.9	15.5	30.8	0.04	3.7	12.3	2.1	< 0.1	0.2	1.4
99774	3.5	7.4	12.4	1.60	2.1	1.6	0.36	0.169	< 0.02	0.52	0.05	< 0.02	1.22	94.2	7.4	15.3	0.04	1.7	5.58	0.9	< 0.1	0.1	0.7
99775	4.7	5.8	14.0	2.06	1.2	1.7	0.28	0.222	< 0.02	0.48	0.05	< 0.02	0.97	95.5	8.0	17.4	0.03	1.9	6.37	1.1	< 0.1	0.1	0.8
99776	1.5	2.4	5.9	0.87	0.6	1.1	0.20	0.094	< 0.02	0.39	0.03	< 0.02	0.40	26.4	4.7	9.58	< 0.01	1.1	3.82	0.6	< 0.1	0.1	0.4
99777	1.9	13.5	7.1	3.48	0.3	2.2	0.28	0.057	< 0.02	0.66	0.05	< 0.02	0.99	53.0	22.4	42.4	< 0.01	5.0	16.0	2.6	< 0.1	0.2	1.8
99778	2.6	8.4	15.4	1.41	2.2	2.1	0.63	0.218	< 0.02	0.60	0.06	0.12	1.20	68.4	6.7	13.4	0.06	1.7	5.33	0.9	< 0.1	0.1	0.6
99779	4.6	36.2	12.6	6.07	1.1	2.0	0.73	0.095	< 0.02	0.92	0.13	0.04	2.47	82.1	33.9	65.9	0.03	7.8	24.2	3.9	< 0.1	0.3	2.8
99780	3.2	12.7	19.4	2.95	1.4	1.9	0.48	0.145	< 0.02	0.70	0.06	< 0.02	1.68	156	11.8	27.3	0.12	2.7	8.70	1.4	< 0.1	0.2	1.2
99781	6.2	22.2	20.4	4.42	1.3	1.8	0.50	0.196	< 0.02	0.75	0.10	< 0.02	1.86	144	23.7	50.0	0.10	5.5	17.1	2.5	< 0.1	0.3	1.9
99782	5.8	15.3	15.9	2.83	1.2	3.0	0.48	0.193	< 0.02	0.87	0.06	0.04	1.97	117	18.0	35.3	< 0.01	4.2	13.3	2.0	< 0.1	0.2	1.4
99783	4.5	12.0	13.4	2.08	1.5	3.0	0.41	0.142	< 0.02	0.70	0.06	< 0.02	1.33	57.3	12.3	23.9	< 0.01	3.1	9.93	1.6	< 0.1	0.2	1.2
99784	2.5	18.6	14.3	2.68	1.1	3.2	0.39	0.090	< 0.02	0.69	0.04	< 0.02	1.72	53.9	13.8	27.2	< 0.01	3.4	11.1	1.9	< 0.1	0.2	1.2
99785	3.6	15.1	10.0	5.04	0.5	3.2	0.46	0.163	0.02	0.55	0.07	0.12	1.37	33.8	27.4	53.0	0.02	6.5	20.8	3.4	< 0.1	0.3	2.2
99786	2.3	9.1	13.9	3.37	1.4	3.5	0.33	0.097	< 0.02	0.62	0.04	0.03	1.17	48.0	20.2	39.3	0.02	4.7	15.5	2.5	< 0.1	0.2	1.7
99787	2.2	13.0	17.7	3.02	2.4	2.7	0.24	0.109	< 0.02	0.64	0.04	< 0.02	1.48	78.1	16.6	32.6	0.02	4.2	13.0	2.0	< 0.1	0.2	1.5
99788	4.3	10.8	13.1	2.90	2.4	2.0	0.41	0.193	0.02	0.76	0.05	< 0.02	1.77	109	10.8	25.1	< 0.01	2.5	8.58	1.4	< 0.1	0.2	1.1
99789	1.7	52.6	43.6	28.8	2.1	6.9	0.58	0.276	< 0.02	1.70	0.11	< 0.02	4.18	93.8	78.5	101	0.14	19.8	65.3	11.5	< 0.1	1.5	8.7
99790	3.6	17.1	21.3	3.12	2.9	2.8	0.47	0.194	0.02	0.82	0.04	0.02	2.37	113	12.3	23.3	0.03	3.0	9.91	1.7	< 0.1	0.2	1.2
99791	2.8	17.4	23.0	2.66	6.3	1.9	0.37	0.081	< 0.02	0.66	0.04	< 0.02	1.90	161	11.0	24.6	0.10	2.6	8.74	1.5	< 0.1	0.2	1.1
99792	2.2	35.5	26.8	3.49	1.0	2.2	0.49	0.160	< 0.02	0.79	0.05	0.10	2.66	153	19.1	39.0	0.13	4.9	16.8	3.0	< 0.1	0.3	2.0
99793	1.6	27.5	19.5	3.76	1.5	3.2	0.51	0.126	< 0.02	0.78	0.04	0.02	2.46	64.2	20.9	43.6	< 0.01	5.5	17.8	3.0	< 0.1	0.3	2.0
99794	3.0	13.2	16.4	2.32	0.9	2.3	0.46	0.146	< 0.02	0.59	0.06	< 0.02	1.62	103	12.2	23.5	< 0.01	2.9	9.72	1.7	< 0.1	0.2	1.0
99795	1.0	19.2	10.5	3.27	0.5	2.9	0.26	0.097	< 0.02	0.74	0.04	0.02	1.70	73.7	18.6	35.8	0.02	4.4	14.3	2.3	< 0.1	0.2	1.6
99796	2.7	17.2	13.6	2.32	2.2	2.2	0.34	0.087	< 0.02	0.67	0.05	< 0.02	2.09	97.3	12.5	24.5	< 0.01	3.0	10.0	1.7	< 0.1	0.2	1.2
99797	0.9	16.0	15.5	2.54	1.1	2.3	0.33	0.078	< 0.02	0.68	0.05	< 0.02	1.68	87.9	13.4	26.0	0.06	3.2	10.7	1.7	< 0.1	0.2	1.2
99798	1.2	17.0	19.4	3.43	0.4	4.1	0.75	0.150	< 0.02	0.93	0.15	< 0.02	1.56	70.4	18.6	35.4	0.05	4.4	14.5	2.3	< 0.1	0.2	1.6
99799	3.5	15.1	15.5	3.09	3.5	2.6	0.59	0.174	< 0.02	0.76	0.05	0.06	1.80	96.1	12.5	29.0	0.02	3.1	10.5	1.7	< 0.1	0.2	1.3
99800	3.5	11.4	18.7	1.82	3.8	2.7	0.73	0.128	< 0.02	0.82	0.05	< 0.02	1.66	104	8.0	17.8	0.07	1.9	6.38	1.2	< 0.1	0.1	0.8
99801	2.1	10.8	13.1	1.62	2.8	1.2	0.54	0.126	< 0.02	0.61	0.06	< 0.02	1.42	87.2	5.7	12.5	0.05	1.5	5.12	0.9	< 0.1	0.1	0.7
99802	1.1	14.4	10.2	1.82	1.4	1.3	0.44	0.121	< 0.02	0.59	0.04	< 0.02	1.44	68.4	9.5	19.1	0.03	2.4	8.10	1.4	< 0.1	0.2	0.9
99803	1.3	12.4	14.3	1.56	2.7	1.3	0.39	0.063	< 0.02	0.67	0.04	< 0.02	1.42	85.1	5.9	12.6	0.03	1.5	5.08	0.8	< 0.1	0.1	0.6
99804	0.2	12.0	30.2	3.21	2.8	1.5	0.32	0.090	< 0.02	0.59	0.04	< 0.02	1.30	76.0	10.8	22.6	< 0.01	2.5	9.25	1.7	< 0.1	0.2	1.2
99805	0.2	28.4	25.9	4.52	0.8	1.4	0.42	0.085	< 0.02	0.49	0.03	< 0.02	1.76	69.0	17.4	36.4	0.01	4.4	15.1	2.5	< 0.1	0.4	2.0
99806	< 0.1	21.1	27.4	3.30	1.2	1.3	0.62	0.153	0.02	0.63	0.03	0.07	1.75	90.1	11.4	22.6	< 0.01	3.0	10.4	1.8	< 0.1	0.3	1.3
99807	0.6	12.7	12.9	4.30	0.4	1.2	0.55	0.080	< 0.02	0.54	0.02	0.03	0.94	55.6	20.5	39.6	0.01	4.9	16.3	2.8	< 0.1	0.3	1.8
99808	< 0.1	43.8	130	23.6	2.1	2.6	0.96	0.496	0.02	0.80	0.11	0.05	5.31	46.2	45.3	31.4	0.14	11.3	43.5	7.2	1.1	1.2	5.6
99809	0.4	23.0	28.0	3.01	0.7	1.1	0.45	0.146	< 0.02	0.43	0.03	< 0.02	1.88	115	13.3	26.4	0.03	3.4	11.8	1.8	< 0.1	0.3	1.5

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
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
99810	0.4	19.7	19.5	3.13	1.6	1.4	0.44	0.074	0.02	0.66	0.02	< 0.02	1.69	108	14.0	28.5	< 0.01	3.5	12.0	2.0	< 0.1	0.3	1.5
99811	0.6	11.6	19.0	3.19	1.2	1.6	0.36	0.062	< 0.02	0.55	0.02	< 0.02	1.07	78.7	14.6	29.6	0.03	3.6	12.3	2.0	< 0.1	0.3	1.5
99812	1.0	12.7	14.6	2.75	2.7	1.7	0.46	0.045	< 0.02	0.61	0.03	< 0.02	1.23	65.8	14.4	28.3	< 0.01	3.4	11.8	1.7	< 0.1	0.2	1.3
99813	0.3	17.6	19.3	3.19	1.1	1.5	0.57	0.051	< 0.02	0.57	0.13	< 0.02	1.53	87.9	13.4	26.8	< 0.01	3.3	11.3	1.9	< 0.1	0.3	1.4
99814	0.4	4.6	20.7	2.21	5.6	1.3	0.48	0.047	< 0.02	0.94	0.02	< 0.02	0.71	87.4	5.1	12.1	< 0.01	1.3	4.92	0.8	< 0.1	0.2	0.7
99815	1.6	21.5	27.0	3.10	3.6	1.4	0.91	0.179	0.02	0.86	0.05	0.10	2.22	147	11.6	29.6	< 0.01	3.0	9.53	1.8	< 0.1	0.2	1.2
99816	0.3	20.9	26.5	3.20	2.2	1.4	0.91	0.067	< 0.02	0.57	0.02	0.05	1.56	74.8	11.4	23.5	< 0.01	2.9	9.34	1.7	< 0.1	0.2	1.2
99817	0.5	27.0	24.1	3.91	1.1	1.2	0.47	0.057	< 0.02	0.73	0.02	0.02	1.74	99.7	13.6	29.5	< 0.01	3.4	11.1	2.0	< 0.1	0.3	1.5
99818	2.8	57.4	41.9	12.3	2.2	1.1	2.17	0.367	0.02	1.14	0.16	1.00	3.90	128	36.8	59.4	0.01	7.4	25.7	3.4	< 0.1	0.8	3.3
99819	0.6	41.9	38.8	5.35	2.8	1.2	0.73	0.056	0.02	0.97	0.02	< 0.02	2.68	194	11.1	25.0	< 0.01	3.1	10.2	2.0	< 0.1	0.3	1.5
99820	1.2	36.2	26.2	2.79	0.7	1.9	0.51	0.042	0.02	1.72	0.03	< 0.02	4.13	133	9.6	19.9	0.05	2.5	8.48	1.4	< 0.1	0.2	1.0
99821	1.5	28.1	21.3	3.56	1.8	0.9	0.92	0.021	0.02	0.90	0.03	0.02	3.18	156	17.0	35.0	< 0.01	4.7	15.6	2.8	< 0.1	0.4	1.8
99822	0.5	4.7	29.2	1.55	0.3	1.7	0.66	0.019	< 0.02	0.38	0.12	< 0.02	0.59	92.7	3.4	7.04	0.01	1.0	3.35	0.6	< 0.1	0.1	0.5
99823	0.7	16.7	13.1	2.80	0.6	1.0	0.52	0.006	< 0.02	0.35	0.03	< 0.02	1.18	58.7	11.4	21.4	< 0.01	2.7	8.55	1.4	< 0.1	0.2	1.0
99824	0.9	19.6	20.6	1.64	3.6	1.3	0.61	0.143	< 0.02	0.58	0.04	0.08	1.60	172	5.4	11.5	< 0.01	1.4	5.07	0.9	< 0.1	0.1	0.7
99825	1.8	8.8	11.2	2.17	5.0	1.7	0.61	0.152	< 0.02	0.77	0.06	0.04	1.55	74.6	3.9	9.81	< 0.01	1.2	4.24	1.1	< 0.1	0.2	0.7
99826	1.5	15.8	13.3	2.03	2.4	1.3	0.52	0.112	< 0.02	0.62	0.04	< 0.02	1.55	112	8.0	15.8	0.03	2.0	6.75	1.4	< 0.1	0.2	0.9
99827	0.1	10.7	23.7	1.96	1.8	1.5	0.53	0.078	< 0.02	0.57	< 0.02	< 0.02	1.21	85.0	7.6	14.7	< 0.01	1.9	6.43	1.1	< 0.1	0.2	0.8
99828	1.0	9.2	17.6	2.41	2.8	1.4	0.47	0.077	< 0.02	0.71	0.03	< 0.02	1.33	85.0	7.1	16.6	0.01	1.9	6.53	1.2	< 0.1	0.2	0.9
99829	0.9	23.3	42.0	3.63	0.8	1.9	0.46	0.108	< 0.02	0.65	0.02	< 0.02	2.17	93.7	13.2	26.6	0.05	3.3	11.4	2.0	< 0.1	0.3	1.4
99830	2.7	25.2	41.5	7.18	1.4	1.8	0.78	0.153	< 0.02	0.50	0.02	0.03	1.68	80.5	22.9	43.9	0.03	5.5	19.4	3.7	< 0.1	0.5	2.6
99831	2.1	33.5	90.2	7.57	0.6	1.5	1.08	0.116	0.02	0.68	0.05	< 0.02	2.63	141	19.3	36.0	0.03	5.0	17.2	3.3	0.3	0.5	2.4
99832	0.3	20.6	18.9	7.20	1.0	2.6	0.44	0.123	< 0.02	0.83	0.02	0.13	1.30	71.9	30.2	59.2	0.02	7.1	22.7	3.6	< 0.1	0.4	2.9
99833	0.6	22.7	18.7	2.73	0.3	1.5	0.37	0.072	< 0.02	0.61	0.02	< 0.02	1.97	87.0	12.1	24.1	< 0.01	3.1	10.1	1.7	< 0.1	0.2	1.2
99834	0.4	29.7	31.8	4.95	0.4	1.4	0.75	0.071	0.02	0.56	0.03	0.02	2.45	95.3	20.2	41.3	0.05	5.1	17.0	3.0	< 0.1	0.4	2.1
99835	0.4	21.7	31.0	4.88	0.8	1.2	0.57	0.042	0.02	1.29	< 0.02	< 0.02	1.60	62.0	15.9	31.1	0.01	4.0	14.1	2.5	< 0.1	0.4	1.9
99836	0.5	11.7	32.7	4.13	4.6	1.8	0.43	0.071	< 0.02	0.69	0.02	< 0.02	1.44	134	13.2	24.5	0.01	3.2	11.0	2.0	< 0.1	0.3	1.4
99837	0.3	11.7	21.0	4.96	0.9	3.4	0.28	0.064	< 0.02	0.70	< 0.02	< 0.02	1.24	59.0	23.5	45.3	0.01	5.4	17.5	3.1	< 0.1	0.3	2.1
99838	0.7	16.0	18.3	3.70	1.0	2.3	0.44	0.064	0.02	1.21	< 0.02	< 0.02	1.41	89.7	16.3	33.4	0.02	4.0	12.9	2.2	< 0.1	0.3	1.6
99839	0.4	15.8	21.7	3.00	0.8	1.9	0.52	0.052	< 0.02	0.69	0.02	< 0.02	1.32	94.4	13.2	26.5	< 0.01	3.1	10.4	1.8	< 0.1	0.2	1.3
99840	1.2	38.5	27.4	3.61	0.8	1.4	0.62	0.063	< 0.02	0.74	0.02	< 0.02	2.23	133	12.5	26.1	0.01	3.2	10.9	1.9	< 0.1	0.3	1.4
99841	0.9	6.7	15.3	2.68	4.2	1.5	0.51	0.121	< 0.02	0.54	0.02	0.11	0.98	81.4	8.7	21.0	0.03	2.3	7.41	1.4	< 0.1	0.2	1.0
99842	0.7	10.2	17.7	1.58	1.3	1.1	0.45	0.085	0.02	0.62	0.03	0.05	1.42	107	5.6	11.5	0.06	1.4	4.89	0.9	< 0.1	0.1	0.6
99843	0.7	9.3	13.9	3.84	0.5	1.9	0.33	0.043	< 0.02	0.44	< 0.02	< 0.02	0.71	58.4	17.0	33.2	< 0.01	4.1	13.2	2.4	< 0.1	0.3	1.6
99844	0.3	9.5	11.6	2.77	1.3	1.6	0.31	0.041	< 0.02	0.52	0.04	< 0.02	0.89	80.8	12.1	24.7	< 0.01	2.9	9.32	1.7	< 0.1	0.2	1.1
99845	1.2	11.7	20.6	2.53	3.1	1.6	1.14	0.079	< 0.02	0.73	0.03	< 0.02	1.40	138	9.3	26.3	0.03	2.4	7.94	1.5	< 0.1	0.2	1.1
99846	0.4	13.3	17.7	2.84	2.2	1.7	1.03	0.079	< 0.02	0.52	0.02	< 0.02	1.30	81.5	11.0	23.2	< 0.01	2.7	9.02	1.6	< 0.1	0.2	1.2
99847	4.6	19.4	122	21.3	1.4	2.3	6.88	0.517	< 0.02	0.77	0.06	0.07	2.15	195	42.2	55.1	0.30	10.0	35.4	6.2	0.2	1.1	5.0
99848	1.0	28.3	26.9	7.66	1.5	1.6	2.88	0.122	< 0.02	0.62	0.06	0.90	2.23	70.8	24.2	47.8	0.01	6.3	21.1	3.6	< 0.1	0.5	2.9
99849	2.1	13.5	14.9	2.12	5.4	1.7	0.61	0.127	< 0.02	0.79	0.04	< 0.02	1.68	112	5.1	11.5	0.02	1.5	5.10	0.9	< 0.1	0.1	0.8
99850	2.1	7.8	19.2	1.34	2.6	1.5	0.64	0.149	0.02	0.71	0.04	< 0.02	1.24	175	4.2	8.90	0.05	1.1	4.21	0.7	< 0.1	0.1	0.5
99851	0.6	14.2	22.4	4.74	0.7	0.8	0.50	0.045	< 0.02	0.45	0.03	< 0.02	1.16	77.6	11.7	23.1	0.01	2.9	10.4	1.6	< 0.1	0.3	1.4

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
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
99852	1.8	6.9	19.8	1.20	2.1	1.3	0.66	0.158	0.02	0.71	0.04	0.08	1.11	199	3.6	7.72	0.01	1.0	3.43	0.6	< 0.1	0.1	0.5
99853	1.0	5.2	16.9	2.24	0.2	0.9	0.97	0.088	< 0.02	0.24	< 0.02	0.04	0.48	43.4	8.0	16.2	< 0.01	2.0	7.02	1.1	< 0.1	0.2	0.8
99854	0.3	16.0	27.9	5.99	1.1	2.2	0.85	0.122	< 0.02	0.50	0.03	< 0.02	1.14	74.0	20.7	36.5	< 0.01	4.8	16.5	2.7	< 0.1	0.4	2.0
99855	1.1	14.7	24.8	3.92	1.6	3.4	1.00	0.135	0.02	0.82	0.04	< 0.02	1.47	92.9	22.0	45.5	0.07	5.3	17.1	2.7	< 0.1	0.3	2.1
99856	4.0	27.6	47.4	11.2	0.8	2.2	1.96	0.133	0.02	0.99	0.04	< 0.02	2.58	116	33.1	59.7	0.15	8.5	28.8	5.0	< 0.1	0.7	3.9
99857	1.9	24.5	33.5	10.4	0.5	2.5	1.33	0.117	0.02	0.82	0.04	< 0.02	2.36	94.9	36.1	65.2	0.13	8.6	29.2	4.7	< 0.1	0.6	3.7
99858	3.7	24.0	32.6	9.66	0.6	2.2	1.90	0.086	< 0.02	0.70	0.05	< 0.02	2.57	112	32.1	58.6	0.11	8.2	27.5	4.8	< 0.1	0.6	3.4
99859	2.9	31.7	48.7	10.6	0.7	2.4	1.33	0.108	0.02	1.01	0.03	< 0.02	2.75	151	37.9	62.2	0.13	8.9	29.3	5.1	< 0.1	0.6	3.7
99860	0.4	21.7	13.4	5.86	0.9	2.1	0.39	0.076	< 0.02	0.80	0.03	< 0.02	1.41	53.3	27.8	53.6	0.09	6.3	20.1	3.3	< 0.1	0.3	2.3
99861	0.5	14.3	11.3	6.66	0.9	1.5	0.35	0.122	< 0.02	0.68	0.04	0.11	0.90	71.1	30.6	59.3	0.07	6.9	22.3	3.6	< 0.1	0.3	2.8
99862	0.6	10.8	17.2	2.93	2.7	1.3	0.29	0.087	< 0.02	0.63	0.02	0.04	1.09	94.9	13.8	28.1	< 0.01	3.4	10.9	1.7	< 0.1	0.2	1.3
99863	2.0	13.1	13.4	3.33	0.9	1.7	0.24	0.073	< 0.02	0.48	0.03	< 0.02	1.09	119	19.6	36.6	< 0.01	4.6	14.6	2.2	< 0.1	0.2	1.6
99864	3.1	15.2	13.7	6.01	0.9	2.3	0.33	0.060	< 0.02	0.57	0.05	< 0.02	1.06	49.2	27.1	58.7	0.02	6.2	20.0	3.3	< 0.1	0.3	2.4
99865	3.2	20.3	15.7	8.47	1.1	4.6	0.43	0.076	< 0.02	0.77	0.05	< 0.02	1.35	59.3	34.5	72.5	0.02	8.3	27.1	4.3	< 0.1	0.5	3.3
99866	3.4	32.3	35.8	8.44	1.1	2.9	0.95	0.113	0.03	1.02	0.03	0.02	2.87	108	30.5	61.8	0.13	7.6	25.0	4.1	< 0.1	0.6	3.5
99867	2.3	29.3	32.5	3.71	1.4	3.0	0.83	0.165	< 0.02	0.89	< 0.02	< 0.02	2.17	96.9	15.8	30.5	0.06	3.7	12.3	2.0	< 0.1	0.2	1.4
99868	2.7	30.0	38.7	10.8	0.8	2.7	1.55	0.120	0.02	0.96	0.07	< 0.02	2.88	131	33.2	62.4	0.09	8.4	28.3	4.9	< 0.1	0.6	3.5
99869	2.2	20.2	25.2	7.17	0.7	2.5	1.05	0.155	< 0.02	0.66	0.04	0.11	1.86	76.4	25.9	45.7	0.04	5.9	19.8	3.3	< 0.1	0.4	2.3
99870	2.0	22.5	23.7	7.57	0.7	2.3	1.91	0.104	< 0.02	0.87	0.02	0.05	2.16	79.4	30.8	57.0	0.03	7.1	23.2	3.6	< 0.1	0.4	2.9
99876	1.4	16.2	9.8	3.98	1.3	4.8	0.25	0.108	< 0.02	0.77	0.03	0.03	1.12	46.7	24.3	45.8	< 0.01	5.4	17.6	3.1	< 0.1	0.2	2.0
99877	7.1	33.7	59.5	5.85	1.7	5.5	0.65	0.214	0.04	1.26	0.08	< 0.02	2.63	149	20.9	42.1	0.23	5.0	16.5	2.8	< 0.1	0.3	2.1
99878	2.1	11.4	13.1	2.04	1.1	2.3	0.30	0.085	< 0.02	0.62	0.03	< 0.02	1.39	99.9	11.2	22.8	< 0.01	2.7	9.00	1.5	< 0.1	0.1	1.0
99879	2.8	13.6	14.0	2.58	4.8	2.7	0.39	0.106	< 0.02	0.61	0.04	< 0.02	1.79	87.6	11.2	25.0	0.02	2.9	9.38	1.7	< 0.1	0.2	1.2
99880	1.9	14.7	12.8	3.10	1.3	2.6	0.29	0.081	< 0.02	0.68	0.04	< 0.02	1.60	133	17.7	34.2	0.04	4.1	13.7	2.3	< 0.1	0.2	1.6
99881	6.4	25.5	13.5	6.14	1.5	2.1	0.54	0.070	< 0.02	0.91	0.09	< 0.02	1.86	62.9	30.2	59.7	0.03	6.9	22.3	3.3	< 0.1	0.4	2.5
99882	7.3	23.6	20.1	2.43	4.1	3.1	0.46	0.178	0.02	0.93	0.08	< 0.02	2.63	120	10.9	21.5	0.06	2.5	8.23	1.3	< 0.1	0.2	1.0

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1	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
99726	0.2	1.2	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	0.8	< 0.001	< 0.5	0.11	6.43	8.8	1.4	< 10
99727	0.2	0.9	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.11	6.51	6.6	0.9	< 10
99728	0.1	0.7	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.10	7.96	6.7	1.1	40
99729	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.09	8.87	3.9	0.8	40
99730	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.16	11.1	3.5	0.7	30
99731	0.3	1.4	0.2	0.6	0.1	0.5	0.1	0.1	< 0.05	0.1	< 0.001	< 0.5	0.20	10.6	10.6	1.8	< 10
99732	0.2	0.9	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.33	9.87	6.1	1.4	< 10
99733	0.2	0.8	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.14	11.4	5.5	0.9	20
99734	0.3	1.6	0.3	0.8	0.1	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.14	11.1	9.3	3.8	< 10
99735	0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.12	12.5	3.6	0.6	20
99736	0.1	0.3	< 0.1	0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.09	12.7	2.0	0.4	50
99737	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	6.20	2.8	0.5	10
99738	0.2	0.8	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.22	6.26	5.5	1.0	< 10
99739	0.2	1.0	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.20	12.6	7.7	1.3	20
99740	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.10	7.31	4.0	0.6	20
99741	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	0.1	< 0.001	< 0.5	0.08	6.19	2.5	0.5	10
99742	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.09	7.30	4.2	0.6	20
99743	0.1	0.4	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	5.70	2.8	0.4	20
99744	0.2	1.0	0.2	0.4	0.1	0.3	< 0.1	< 0.1	< 0.05	0.6	< 0.001	< 0.5	0.24	12.5	12.2	1.6	< 10
99745	0.2	0.8	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.11	7.56	6.9	1.2	50
99746	0.1	0.3	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.12	6.64	1.7	0.3	40
99747	0.1	0.5	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.12	6.82	3.0	0.6	30
99748	0.1	0.3	< 0.1	0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	5.84	1.5	0.3	40
99749	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.11	8.15	2.5	0.5	20
99750	0.1	0.6	0.1	0.3	< 0.1	0.2	< 0.1	0.1	< 0.05	0.1	< 0.001	< 0.5	0.11	7.64	3.3	0.7	30
99751	0.2	1.1	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.25	9.85	7.5	1.7	20
99752	0.2	1.1	0.2	0.5	0.1	0.5	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.27	10.7	5.0	6.0	30
99753	0.2	1.0	0.2	0.5	0.1	0.4	0.1	0.1	< 0.05	0.1	< 0.001	< 0.5	0.16	7.29	3.7	1.1	20
99754	0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.21	9.47	2.8	0.7	70
99755	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.10	11.2	2.7	0.7	30
99756	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	4.69	4.0	0.6	20
99757	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	4.77	2.0	0.4	20
99758	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.09	6.85	3.8	0.7	< 10
99759	0.1	0.6	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.10	6.35	2.8	0.6	30
99760	0.2	0.8	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.16	8.22	4.3	1.1	60
99761	0.1	0.3	0.1	0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.09	5.97	1.8	0.3	30
99762	0.2	0.8	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	3.2	< 0.001	< 0.5	0.13	9.91	7.4	1.1	< 10
99763	0.2	0.9	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.10	4.96	7.9	1.1	10
99764	0.2	1.0	0.2	0.4	0.1	0.4	0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.12	7.84	4.7	2.1	< 10
99765	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.8	< 0.001	< 0.5	0.09	6.97	1.4	1.1	60
99766	0.2	1.1	0.2	0.4	0.1	0.4	0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.11	5.54	7.2	1.2	< 10
99767	0.1	0.3	< 0.1	0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.06	5.36	1.2	0.5	20

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1	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
99768	0.1	0.3	0.1	0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.06	5.34	1.8	0.5	< 10
99769	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	2.2	< 0.001	< 0.5	0.11	6.53	5.0	0.9	< 10
99770	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.6	< 0.001	< 0.5	0.20	9.45	3.3	0.7	40
99771	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.10	11.2	2.8	0.7	30
99772	0.3	1.5	0.2	0.6	0.1	0.4	0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.12	7.40	15.1	2.0	< 10
99773	0.2	0.8	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	1.2	< 0.001	< 0.5	0.09	6.57	4.3	1.1	< 10
99774	0.1	0.4	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.05	1.1	< 0.001	< 0.5	0.06	4.65	2.7	0.6	< 10
99775	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	4.87	2.6	0.6	20
99776	< 0.1	0.2	< 0.1	0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	15.5	0.03	1.51	1.3	0.2	< 10
99777	0.2	0.9	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	1.0	< 0.001	< 0.5	0.09	3.57	7.6	1.2	< 10
99778	0.1	0.4	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.07	5.20	2.1	0.4	60
99779	0.3	1.5	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	1.2	< 0.001	< 0.5	0.23	7.76	15.1	2.3	< 10
99780	0.1	0.7	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.10	7.29	3.3	0.8	30
99781	0.2	1.2	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.16	8.04	6.6	1.6	< 10
99782	0.2	0.8	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.10	5.87	6.1	1.1	10
99783	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.07	5.31	5.0	0.7	20
99784	0.2	0.7	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.10	3.74	5.6	1.1	< 10
99785	0.3	1.3	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.12	3.29	8.4	1.4	30
99786	0.2	0.9	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	3.24	7.3	1.0	20
99787	0.2	0.8	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	2.0	< 0.001	< 0.5	0.08	3.75	6.2	0.9	< 10
99788	0.1	0.7	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.09	5.44	4.7	0.7	30
99789	1.1	5.9	1.0	3.0	0.4	2.6	0.3	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.34	12.4	19.5	16.0	30
99790	0.1	0.7	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.12	5.96	4.5	1.2	30
99791	0.1	0.7	0.1	0.3	< 0.1	0.3	< 0.1	0.1	< 0.05	0.1	< 0.001	3.4	0.11	6.08	4.0	0.7	20
99792	0.2	1.0	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	2.1	0.22	6.72	7.5	1.3	60
99793	0.2	1.1	0.2	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.15	5.82	8.3	1.5	20
99794	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.09	7.50	4.3	0.9	40
99795	0.2	0.8	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.10	5.61	7.2	1.0	< 10
99796	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.11	5.68	6.2	1.1	20
99797	0.1	0.6	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	1.5	< 0.001	< 0.5	0.09	7.19	3.6	0.9	< 10
99798	0.2	0.9	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.11	10.8	5.9	1.4	40
99799	0.2	0.8	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.11	6.04	7.0	1.2	40
99800	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	6.68	3.3	0.6	40
99801	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	5.61	2.6	0.5	50
99802	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.09	4.67	3.5	0.6	20
99803	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.09	5.05	2.9	0.5	30
99804	0.2	0.8	0.1	0.3	0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.09	4.65	3.5	0.8	20
99805	0.2	1.1	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	< 0.1	< 0.001	9.4	0.13	5.51	5.9	1.3	< 10
99806	0.1	0.8	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.15	3.30	4.3	1.1	30
99807	0.2	1.1	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.09	2.76	6.4	1.2	20
99808	0.7	3.7	0.6	1.8	0.2	1.3	0.2	< 0.1	< 0.05	0.3	0.004	< 0.5	0.33	10.0	3.1	4.4	110
99809	0.2	0.8	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.14	5.03	4.1	0.9	20

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1	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
99810	0.2	0.8	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.12	3.77	6.6	1.0	< 10
99811	0.2	0.8	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	3.00	5.2	0.9	10
99812	0.2	0.7	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.07	3.81	5.3	0.9	10
99813	0.2	0.8	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.10	4.31	5.2	0.9	20
99814	0.1	0.5	0.1	0.3	< 0.1	0.2	< 0.1	0.1	< 0.05	< 0.1	< 0.001	10.0	0.06	4.18	1.8	1.3	30
99815	0.1	0.8	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.16	5.88	5.4	1.0	50
99816	0.1	0.8	0.1	0.4	0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.13	2.83	4.1	0.9	10
99817	0.2	0.9	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.16	3.25	4.5	1.0	10
99818	0.4	2.3	0.4	1.1	0.2	1.0	0.1	0.1	< 0.05	0.8	< 0.001	< 0.5	0.40	6.01	12.1	2.4	140
99819	0.2	1.1	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.23	5.97	4.1	1.1	20
99820	0.1	0.7	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.20	5.00	3.4	0.8	< 10
99821	0.2	1.0	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.8	< 0.001	< 0.5	0.15	7.43	6.2	1.3	< 10
99822	0.1	0.3	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	6.20	0.9	0.4	50
99823	0.1	0.7	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.11	2.99	4.0	0.7	< 10
99824	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.12	4.71	2.4	0.5	50
99825	0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	6.06	2.0	0.6	50
99826	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.10	4.97	2.7	0.6	30
99827	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.07	3.74	2.7	0.6	< 10
99828	0.1	0.5	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.07	5.20	2.7	0.9	40
99829	0.2	0.9	0.1	0.4	0.1	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.11	5.60	3.9	1.3	20
99830	0.3	1.6	0.3	0.7	0.1	0.6	0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.14	3.78	7.4	4.6	< 10
99831	0.3	1.6	0.3	0.8	0.1	0.7	0.1	< 0.1	< 0.05	0.9	0.003	< 0.5	0.20	6.80	3.3	3.3	40
99832	0.3	1.6	0.3	0.7	0.1	0.6	0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.12	3.45	11.5	1.6	50
99833	0.1	0.7	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.11	3.78	4.1	0.8	20
99834	0.3	1.2	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.18	6.46	7.2	1.8	20
99835	0.2	1.1	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.12	4.48	4.9	1.4	10
99836	0.2	0.9	0.1	0.4	0.1	0.3	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.10	5.51	4.7	1.8	20
99837	0.2	1.2	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.08	3.22	8.8	1.4	< 10
99838	0.2	0.9	0.1	0.4	0.1	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.11	3.81	6.9	1.1	< 10
99839	0.1	0.7	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	1.2	< 0.001	< 0.5	0.11	3.64	4.6	0.9	< 10
99840	0.2	0.9	0.1	0.4	0.1	0.4	0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.19	4.28	4.0	1.1	< 10
99841	0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.07	4.11	3.4	0.8	50
99842	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.07	4.97	2.0	0.5	40
99843	0.2	0.9	0.1	0.4	0.1	0.3	0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.05	2.66	5.7	1.0	< 10
99844	0.1	0.7	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.06	2.81	5.6	0.9	20
99845	0.1	0.7	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.11	4.83	4.9	1.0	50
99846	0.1	0.7	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.09	3.53	4.6	0.9	< 10
99847	0.6	3.6	0.6	1.9	0.3	1.5	0.2	< 0.1	< 0.05	0.2	0.001	< 0.5	0.17	6.89	0.9	15.0	170
99848	0.3	1.7	0.3	0.8	0.1	0.6	0.1	< 0.1	< 0.05	3.2	< 0.001	< 0.5	0.17	3.99	8.5	2.3	< 10
99849	0.1	0.5	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.09	6.77	2.9	0.6	40
99850	0.1	0.3	0.1	0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	6.16	1.6	0.4	30
99851	0.2	1.0	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.09	3.80	3.8	1.0	< 10

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1	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
99852	0.1	0.3	< 0.1	0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	7.39	1.5	0.4	80
99853	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.05	2.31	1.6	0.8	20
99854	0.2	1.3	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.11	5.06	5.0	4.2	20
99855	0.2	1.1	0.2	0.5	0.1	0.4	< 0.1	< 0.1	< 0.05	0.9	< 0.001	< 0.5	0.10	7.21	9.1	1.4	< 10
99856	0.5	2.6	0.4	1.2	0.2	1.0	0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.24	12.4	5.9	11.1	30
99857	0.4	2.4	0.4	1.1	0.2	0.9	0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.20	8.82	8.6	9.1	20
99858	0.4	2.3	0.4	1.0	0.1	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.25	11.0	7.3	10.1	20
99859	0.4	2.4	0.4	1.1	0.2	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.19	9.37	7.1	7.7	20
99860	0.3	1.4	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	0.7	< 0.001	< 0.5	0.11	4.11	10.2	1.4	< 10
99861	0.3	1.6	0.2	0.7	0.1	0.6	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.08	3.01	11.6	1.6	40
99862	0.2	0.8	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	3.83	5.3	0.8	20
99863	0.2	0.9	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.07	3.27	6.7	0.9	10
99864	0.3	1.4	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.11	5.21	9.8	1.8	10
99865	0.4	2.0	0.3	0.9	0.1	0.7	0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.15	5.29	13.3	2.6	< 10
99866	0.4	2.1	0.3	0.9	0.1	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.18	10.6	7.6	8.2	20
99867	0.2	0.9	0.1	0.4	0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.14	8.97	3.5	2.5	30
99868	0.4	2.5	0.4	1.1	0.2	0.9	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.22	10.8	7.5	8.8	10
99869	0.3	1.6	0.3	0.7	0.1	0.6	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.15	6.51	6.3	4.6	50
99870	0.3	1.7	0.3	0.8	0.1	0.6	0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.16	6.91	7.5	5.5	40
99876	0.2	1.0	0.2	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 0.5	0.09	4.91	8.0	1.2	< 10
99877	0.2	1.3	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.19	8.39	8.4	2.1	30
99878	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.08	4.85	3.7	0.7	10
99879	0.1	0.6	0.1	0.3	< 0.1	0.2	< 0.1	0.1	< 0.05	0.3	< 0.001	< 0.5	0.10	5.73	4.3	0.8	< 10
99880	0.2	0.8	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.09	5.27	5.5	1.1	< 10
99881	0.3	1.5	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	0.9	< 0.001	< 0.5	0.18	7.49	16.2	3.3	< 10
99882	0.1	0.6	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	2.6	< 0.001	< 0.5	0.14	10.6	3.5	1.1	< 10

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1
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
GXR-1 Meas	0.006	< 1	0.045	4.8	0.6	9	0.049	0.12	0.38	0.02	1460	0.82	0.8	84	6	907	23.9	7.8	34.8	1220	791	2.53	
GXR-1 Cert	0.036	0.257	0.0650	8.20	1.22	15.0	0.0520	0.217	3.52	0.050	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8	
GXR-1 Meas	0.006	< 1	0.042	4.4	0.6	9	0.051	0.12	0.36	0.03	1490	0.76	0.8	68	7	873	22.9	7.7	33.8	1130	729	2.22	
GXR-1 Cert	0.036	0.257	0.0650	8.20	1.22	15.0	0.0520	0.217	3.52	0.050	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8	
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	0.133	2	0.113	8.6	1.3	3	0.137	1.47	2.62	1.46	16.0	0.81	5.9	83	53	127	2.79	13.4	32.2	7190	66.3	10.2	
GXR-4 Cert	0.29	1.77	0.120	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0	
GXR-4 Meas	0.132	2	0.112	8.2	1.3	3	0.146	1.47	2.64	1.43	16.5	0.83	5.9	68	47	126	2.80	13.5	30.8	6990	64.1	9.81	
GXR-4 Cert	0.29	1.77	0.120	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0	
GXR-6 Meas		< 1	0.026	25.3	0.7	4	0.088	0.34	6.52	1.00	0.14	0.17	19.6	167	73	994	4.88	12.3	18.6	63.7	115	7.65	
GXR-6 Cert		0.0160	0.0350	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0	
GXR-6 Meas		< 1	0.028	23.9	0.6	4	0.080	0.38	7.01	0.93	0.15	0.15	20.4	145	66	1030	5.03	12.7	19.1	61.4	111	10.2	
GXR-6 Cert		0.0160	0.0350	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0	
OREAS 45d (Aqua Regia) Meas		< 1	0.029	15.7			0.045	0.14	5.89	0.11	0.23	0.10	38.2	199	467	420	12.6	27.0	174	340	34.0	16.1	
OREAS 45d (Aqua Regia) Cert		0.045	0.035	11.9			0.031	0.144	4.860	0.097	0.30		41.50	201.0	467	400.000	13.650	26.2	176.0	345.0	30.6	17.9	
OREAS 45d (Aqua Regia) Meas		< 1	0.028	15.1			0.046	0.13	5.52	0.10	0.37	0.09	36.9	161	406	410	12.3	25.1	170	337	33.5	15.4	
OREAS 45d (Aqua Regia) Cert		0.045	0.035	11.9			0.031	0.144	4.860	0.097	0.30		41.50	201.0	467	400.000	13.650	26.2	176.0	345.0	30.6	17.9	
SdAR-M2 (U.S.G.S.) Meas				12.6	4.8						0.94		1.9	19	9			12.8	43.3	250	803	2.60	
SdAR-M2 (U.S.G.S.) Cert				17.9	6.6						1.05		4.1	25.2	49.6			12.4	48.8	236.0000	760	17.6	
SdAR-M2 (U.S.G.S.) Meas				11.6	4.6						0.91		1.9	15	8			12.3	40.7	242	745	2.76	
SdAR-M2 (U.S.G.S.) Cert				17.9	6.6						1.05		4.1	25.2	49.6			12.4	48.8	236.0000	760	17.6	
99727 Orig	0.082	< 1	0.029	16.9	0.2	2	0.033	0.18	1.34	0.10	0.17	0.15	1.4	24	12	414	1.50	5.3	15.4	5.37	52.9	4.11	< 0.1
99727 Dup	0.084	< 1	0.029	16.7	0.2	1	0.036	0.18	1.30	0.10	0.19	0.15	1.5	24	12	397	1.51	5.0	15.7	5.56	55.5	4.19	< 0.1
99756 Orig	0.077	< 1	0.038	12.0	< 0.1	1	0.040	0.11	1.06	0.05	0.13	0.10	1.1	22	8	140	1.07	3.6	7.2	4.35	59.1	3.76	< 0.1
99756 Dup	0.078	< 1	0.039	12.4	< 0.1	1	0.041	0.11	1.10	0.05	0.13	0.10	1.2	22	8	141	1.04	3.5	7.1	4.67	59.4	3.83	< 0.1
99757 Orig	0.097	< 1	0.071	11.6	0.1	2	0.058	0.12	1.70	0.05	0.10	0.18	1.3	27	8	252	1.33	4.3	8.1	4.60	74.8	5.18	< 0.1
99757 Dup	0.095	< 1	0.075	11.9	0.2	2	0.062	0.12	1.81	0.05	0.10	0.19	1.4	27	8	238	1.29	4.3	7.6	4.30	75.1	5.30	< 0.1
99779 Orig	0.092	< 1	0.050	17.6	0.3	< 1	0.025	0.35	1.15	0.23	0.39	0.18	2.4	29	20	261	2.24	5.9	14.0	12.6	47.4	3.79	< 0.1
99779 Dup	0.083	< 1	0.052	16.8	0.3	1	0.030	0.32	1.12	0.23	0.36	0.20	2.2	28	19	234	2.19	5.8	13.1	12.7	44.0	3.58	< 0.1
99794 Orig	0.060	< 1	0.052	17.3	0.1	2	0.032	0.14	1.21	0.07	0.20	0.20	0.8	18	9	443	1.10	4.6	13.1	5.20	77.5	3.62	< 0.1
99794 Dup	0.070	< 1	0.055	18.6	0.2	3	0.035	0.14	1.19	0.07	0.21	0.19	1.0	21	10	413	1.24	5.0	13.4	5.82	81.3	4.08	< 0.1

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1
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
99796 Orig	0.083	< 1	0.060	16.6	0.3	2	0.037	0.14	1.41	0.07	0.24	0.12	1.1	25	10	245	1.43	5.4	13.5	4.61	76.7	4.42	< 0.1
99796 Dup	0.089	< 1	0.068	19.0	0.3	2	0.040	0.16	1.55	0.08	0.27	0.14	1.4	25	11	297	1.56	6.2	15.4	5.45	87.7	4.78	< 0.1
99798 Orig	0.070	< 1	0.021	11.4	< 0.1	1	0.024	0.14	0.83	0.09	0.21	0.20	1.0	19	10	457	1.06	3.7	7.6	7.12	45.3	3.29	< 0.1
99798 Dup	0.067	< 1	0.022	11.5	< 0.1	1	0.024	0.15	0.83	0.09	0.19	0.21	1.2	19	10	486	1.06	3.7	7.5	6.47	43.1	3.22	< 0.1
99800 Orig	0.096	< 1	0.090	22.2	0.3	2	0.045	0.13	2.09	0.09	0.20	0.21	1.1	23	11	344	1.40	4.8	20.4	4.56	87.8	5.58	< 0.1
99800 Dup	0.105	< 1	0.090	22.3	0.3	2	0.050	0.14	2.17	0.09	0.20	0.20	1.2	24	11	317	1.40	4.9	19.7	4.20	90.4	5.63	< 0.1
99865 Orig	0.085	< 1	0.075	12.3	0.2	< 1	0.030	0.31	1.01	0.16	0.25	0.31	2.8	25	12	249	1.38	5.0	7.4	11.8	31.0	3.15	< 0.1
99865 Dup	0.082	< 1	0.071	12.3	0.1	< 1	0.030	0.31	0.98	0.16	0.31	0.30	2.7	26	12	249	1.42	5.1	7.4	11.8	30.1	3.04	< 0.1
Method Blank	< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	0.013	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	0.04	< 0.1
Method Blank	< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	0.012	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
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
GXR-1 Meas	389	1.9	184	21.8	10.4	0.1	16.6	29.5	0.70	23.4	83.6	13.1	2.43	292	4.3	8.82	2.16		5.90	2.1	17.3	0.4	2.9
GXR-1 Cert	427	14.0	275	32.0	38.0	0.800	18.0	31.0	0.770	54.0	122	13.0	3.00	750	7.50	17.0	3.30		18.0	2.70	16.6	0.690	4.20
GXR-1 Meas	363	1.8	180	21.2	9.9	0.1	16.0	27.9	0.74	23.2	71.9	12.4	2.47	388	4.1	8.32	2.11		5.59	2.0	9.6	0.4	2.8
GXR-1 Cert	427	14.0	275	32.0	38.0	0.800	18.0	31.0	0.770	54.0	122	13.0	3.00	750	7.50	17.0	3.30		18.0	2.70	16.6	0.690	4.20
DH-1a Meas																							
DH-1a Cert																							
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	91.2	86.9	65.2	8.90	10.0	0.3	285	3.12	0.19	5.37	2.88	0.95	2.36	19.2	37.8	76.9	0.26		32.7	5.1	4.5	1.0	3.4
GXR-4 Cert	98.0	160	221	14.0	186	10.0	310	4.00	0.270	5.60	4.80	0.970	2.80	1640	64.5	102	0.860		45.0	6.60	5.60	1.63	5.25
GXR-4 Meas	87.1	83.7	66.1	9.04	7.9	0.2	281	2.98	0.21	5.16	2.82	0.94	2.25	21.1	38.1	76.8	0.22		33.6	5.2	2.8	1.0	3.6
GXR-4 Cert	98.0	160	221	14.0	186	10.0	310	4.00	0.270	5.60	4.80	0.970	2.80	1640	64.5	102	0.860		45.0	6.60	5.60	1.63	5.25
GXR-6 Meas	171	59.5	30.5	4.94	5.9	< 0.1	1.21	0.222	0.05	0.77	1.35	0.03	3.52	1060	8.2	23.6	0.04		9.38	2.0	< 0.1	0.4	1.4
GXR-6 Cert	330	90.0	35.0	14.0	110	7.50	2.40	1.30	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0	1.00		13.0	2.67	0.940	0.760	2.97
GXR-6 Meas	198	57.4	31.9	5.24	12.7	< 0.1	1.52	0.325	0.05	0.91	1.60	0.13	3.31	1020	8.2	24.3	0.05		9.57	2.0	< 0.1	0.4	1.4
GXR-6 Cert	330	90.0	35.0	14.0	110	7.50	2.40	1.30	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0	1.00		13.0	2.67	0.940	0.760	2.97
OREAS 45d (Aqua Regia) Meas	3.3	22.2	10.5	3.61					0.06	1.73				81.4	8.6	20.5							
OREAS 45d (Aqua Regia) Cert	6.50	20.9	11.0	5.08					0.085	1.950				80	9.960	24.8							
OREAS 45d (Aqua Regia) Meas	3.6	20.9	11.1	3.53					0.07	1.76				80.3	9.3	20.8							
OREAS 45d (Aqua Regia) Cert	6.50	20.9	11.0	5.08					0.085	1.950				80	9.960	24.8							
SdAR-M2 (U.S.G.S.) Meas		19.2	18.3	14.4	7.9	3.2	12.4						0.91	122	33.1	74.8	4.98	9.5	32.4	6.0		0.5	4.2
SdAR-M2 (U.S.G.S.) Cert		149	144	32.7	259	26.2	13.3						1.82	990	46.6	98.8	5.1	11.0	39.4	7.18		1.44	6.28
SdAR-M2 (U.S.G.S.) Meas		17.4	18.1	13.4	7.4	2.8	11.9						0.78	108	30.3	70.7	4.37	8.8	30.3	5.7		0.5	3.9
SdAR-M2 (U.S.G.S.) Cert		149	144	32.7	259	26.2	13.3						1.82	990	46.6	98.8	5.1	11.0	39.4	7.18		1.44	6.28
99727 Orig	3.6	16.8	13.6	3.32	0.5	2.6	0.36	0.115	< 0.02	0.89	0.11	< 0.02	1.52	112	19.8	37.9	0.02	4.8	14.9	2.4	< 0.1	0.2	1.6
99727 Dup	3.5	16.5	14.1	3.32	0.8	2.4	0.48	0.181	< 0.02	0.87	0.10	0.15	1.52	113	18.5	36.2	0.04	4.4	13.8	2.4	< 0.1	0.2	1.6
99756 Orig	6.4	9.3	10.5	2.19	3.5	1.9	0.34	0.202	0.03	0.60	0.07	0.02	1.28	88.8	11.4	22.2	< 0.01	2.8	9.10	1.4	< 0.1	0.2	1.1
99756 Dup	6.0	9.5	11.6	2.11	3.2	1.8	0.31	0.099	< 0.02	0.64	0.05	< 0.02	1.32	91.1	11.4	22.5	< 0.01	2.8	9.03	1.5	< 0.1	0.2	1.0
99757 Orig	7.5	7.6	16.6	1.77	7.1	1.4	1.55	0.156	< 0.02	0.52	0.07	0.05	1.24	85.0	4.7	12.2	0.02	1.3	4.32	0.8	< 0.1	0.1	0.6
99757 Dup	5.7	7.6	16.9	1.90	7.2	1.5	1.36	0.080	0.02	0.54	0.06	< 0.02	1.28	86.9	5.0	12.9	0.03	1.3	4.74	0.9	< 0.1	0.1	0.6
99779 Orig	4.9	37.0	13.3	6.16	1.0	2.3	0.75	0.105	0.02	0.89	0.13	0.05	2.56	84.3	33.3	65.4	0.05	7.6	24.0	4.1	< 0.1	0.3	2.8
99779 Dup	4.2	35.3	12.0	5.98	1.3	1.6	0.70	0.085	< 0.02	0.95	0.12	0.03	2.38	79.9	34.6	66.4	0.01	7.9	24.5	3.6	< 0.1	0.3	2.8
99794 Orig	3.1	12.7	15.7	2.23	1.1	2.0	0.48	0.144	< 0.02	0.56	0.05	0.04	1.58	105	11.2	21.4	0.03	2.7	8.91	1.6	< 0.1	0.1	1.0
99794 Dup	3.0	13.7	17.0	2.41	0.6	2.5	0.44	0.148	< 0.02	0.62	0.07	< 0.02	1.65	102	13.2	25.5	< 0.01	3.1	10.5	1.7	< 0.1	0.2	1.1

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
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
99796 Orig	2.6	16.2	12.8	2.30	2.0	2.2	0.32	0.086	< 0.02	0.61	0.04	< 0.02	1.98	91.3	12.6	24.5	< 0.01	3.0	10.0	1.6	< 0.1	0.2	1.1
99796 Dup	2.7	18.2	14.5	2.33	2.3	2.2	0.36	0.087	0.02	0.72	0.05	< 0.02	2.20	103	12.4	24.5	0.03	3.0	10.0	1.8	< 0.1	0.2	1.2
99798 Orig	1.2	16.9	19.0	3.38	0.4	4.2	0.69	0.111	< 0.02	0.92	0.18	< 0.02	1.58	70.8	18.3	34.9	0.02	4.4	14.2	2.3	< 0.1	0.2	1.6
99798 Dup	1.1	17.0	19.8	3.49	0.5	4.1	0.82	0.190	< 0.02	0.93	0.12	0.13	1.53	70.0	19.0	35.9	0.07	4.4	14.8	2.3	< 0.1	0.2	1.6
99800 Orig	3.6	11.4	18.5	1.82	3.7	2.5	0.78	0.128	< 0.02	0.83	0.05	0.02	1.66	105	7.2	16.4	0.09	1.8	5.86	1.1	< 0.1	0.1	0.7
99800 Dup	3.4	11.5	18.9	1.82	3.9	2.9	0.68	0.129	0.02	0.82	0.05	< 0.02	1.67	104	8.9	19.2	0.05	2.1	6.89	1.2	< 0.1	0.1	0.8
99865 Orig	3.3	20.3	15.7	8.52	1.3	4.6	0.42	0.083	< 0.02	0.73	0.05	< 0.02	1.33	59.0	35.3	73.3	0.01	8.5	27.6	4.5	< 0.1	0.5	3.4
99865 Dup	3.0	20.4	15.7	8.41	0.9	4.5	0.43	0.069	0.02	0.81	0.04	< 0.02	1.36	59.7	33.8	71.6	0.03	8.0	26.7	4.0	< 0.1	0.5	3.3
Method Blank	< 0.1	< 0.1	< 0.5	< 0.01	0.3	< 0.1	0.05	0.047	< 0.02	0.06	0.05	< 0.02	< 0.02	8.2	< 0.5	0.03	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	0.1	< 0.1	< 0.5	< 0.01	0.3	< 0.1	0.02	0.016	< 0.02	0.06	< 0.02	< 0.02	< 0.02	8.9	< 0.5	0.02	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1	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
GXR-1 Meas	0.5	3.6			0.3	1.8	0.2	0.2	< 0.05	130		3760	0.31	854	1.5	31.9	810
GXR-1 Cert	0.830	4.30			0.430	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9	3900
GXR-1 Meas	0.5	3.5			0.3	1.8	0.2	0.2	< 0.05	134		3220	0.31	830	1.4	31.3	570
GXR-1 Cert	0.830	4.30			0.430	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9	3900
DH-1a Meas															> 200	2600	
DH-1a Cert															910	2629	
DH-1a Meas															> 200	2650	
DH-1a Cert															910	2629	
GXR-4 Meas	0.4	2.0			0.1	0.7	0.1	0.2	< 0.05	10.5		488	2.47	43.8	13.2	4.5	< 10
GXR-4 Cert	0.360	2.60			0.210	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20	110
GXR-4 Meas	0.4	2.0			0.1	0.7	0.1	0.2	< 0.05	10.5		661	2.42	42.6	13.2	4.8	< 10
GXR-4 Cert	0.360	2.60			0.210	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20	110
GXR-6 Meas	0.2	1.2				0.6	0.1	0.1	< 0.05	< 0.1		18.4	1.63	92.5	3.2	0.8	40
GXR-6 Cert	0.415	2.80				2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54	68.0
GXR-6 Meas	0.2	1.2				0.7	0.1	0.3	< 0.05	< 0.1		7.3	1.59	91.0	3.0	0.8	70
GXR-6 Cert	0.415	2.80				2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54	68.0
OREAS 45d (Aqua Regia) Meas												< 0.5		16.1	7.8	1.5	
OREAS 45d (Aqua Regia) Cert												21		17.00	11.3	1.64	
OREAS 45d (Aqua Regia) Meas												< 0.5		15.7	7.6	1.5	
OREAS 45d (Aqua Regia) Cert												21		17.00	11.3	1.64	
SdAR-M2 (U.S.G.S.) Meas	0.6	3.0	0.5	1.6	0.2	1.4	0.2	0.2	< 0.05	1.1				895	9.1	1.6	1330
SdAR-M2 (U.S.G.S.) Cert	0.97	5.88	1.21	3.58	0.54	3.63	0.54	7.29	1.8	2.8				808	14.2	2.53	1440.00
SdAR-M2 (U.S.G.S.) Meas	0.5	2.9	0.5	1.6	0.2	1.4	0.2	0.2	< 0.05	0.7				848	8.8	1.6	1240
SdAR-M2 (U.S.G.S.) Cert	0.97	5.88	1.21	3.58	0.54	3.63	0.54	7.29	1.8	2.8				808	14.2	2.53	1440.00
99727 Orig	0.2	0.9	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.10	6.58	7.0	0.9	< 10
99727 Dup	0.2	0.9	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.11	6.45	6.2	0.9	20
99756 Orig	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	0.1	< 0.001	< 0.5	0.08	4.63	3.9	0.6	20
99756 Dup	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	4.75	4.0	0.6	10
99757 Orig	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	4.70	1.9	0.4	20
99757 Dup	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	0.1	< 0.001	< 0.5	0.06	4.84	2.0	0.4	30
99779 Orig	0.3	1.6	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	1.0	< 0.001	< 0.5	0.24	7.90	14.6	2.2	< 10
99779 Dup	0.3	1.5	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	1.4	< 0.001	< 0.5	0.22	7.62	15.6	2.5	< 10
99794 Orig	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.6	< 0.001	< 0.5	0.09	7.53	3.2	0.8	30
99794 Dup	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.10	7.47	5.3	1.0	40

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.01	0.1	0.1	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
99796 Orig	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.11	5.35	7.0	1.2	20
99796 Dup	0.1	0.6	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.12	6.01	5.4	1.0	20
99798 Orig	0.2	0.8	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.10	11.1	5.6	1.5	30
99798 Dup	0.2	0.9	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.11	10.5	6.3	1.3	60
99800 Orig	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.08	6.74	3.2	0.6	50
99800 Dup	0.1	0.5	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	0.1	< 0.001	< 0.5	0.08	6.62	3.3	0.7	30
99865 Orig	0.4	2.0	0.3	0.9	0.1	0.7	0.1	< 0.1	< 0.05	0.4	< 0.001	< 0.5	0.15	5.28	13.7	2.6	< 10
99865 Dup	0.4	2.0	0.3	0.9	0.1	0.7	0.1	< 0.1	< 0.05	0.5	< 0.001	< 0.5	0.15	5.30	12.8	2.6	< 10
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.01	0.1	< 0.1	< 10