

Cash Minerals Limited
Suite 1890 Oceanic Plaza, 1066 West Hastings Street
Vancouver B.C. V6E 3X1
Telephone: 604-633-9942 Fax: 604-633-9972

Assessment Report

describing

Airborne geophysics, ground exploration mapping, and soil sampling

At the

NAD Property

NAD 1-80 YC52366-YC52445

NTS 106E03/106D13
Latitude 65°00'49''N, Longitude 135°43'16''W
in the Mayo Mining District
Yukon Territory

Prepared by
Cash Minerals Limited

for

Cash Minerals Ltd. and Twenty-Seven Capital Corp.
by

Russell Smits M.S.c.
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Measurements and grid locations included in the report are in UTM NAD83, zone 8,
unless otherwise stated

Introduction

The NAD property hosts iron oxide copper-gold (IOCG) mineralisation in discordant breccia bodies and Uranium in younger veins and fractures associated proximal to intrusive igneous bodies. Twenty-Seven Capital Corp. staked the property in March 2006 to cover regional geophysical anomalies. It and 18 other properties in the Wernecke Mountains, figure 1, owned by Twenty-Seven are under option to Cash Minerals Ltd. as part of the Yukon Uranium Project.

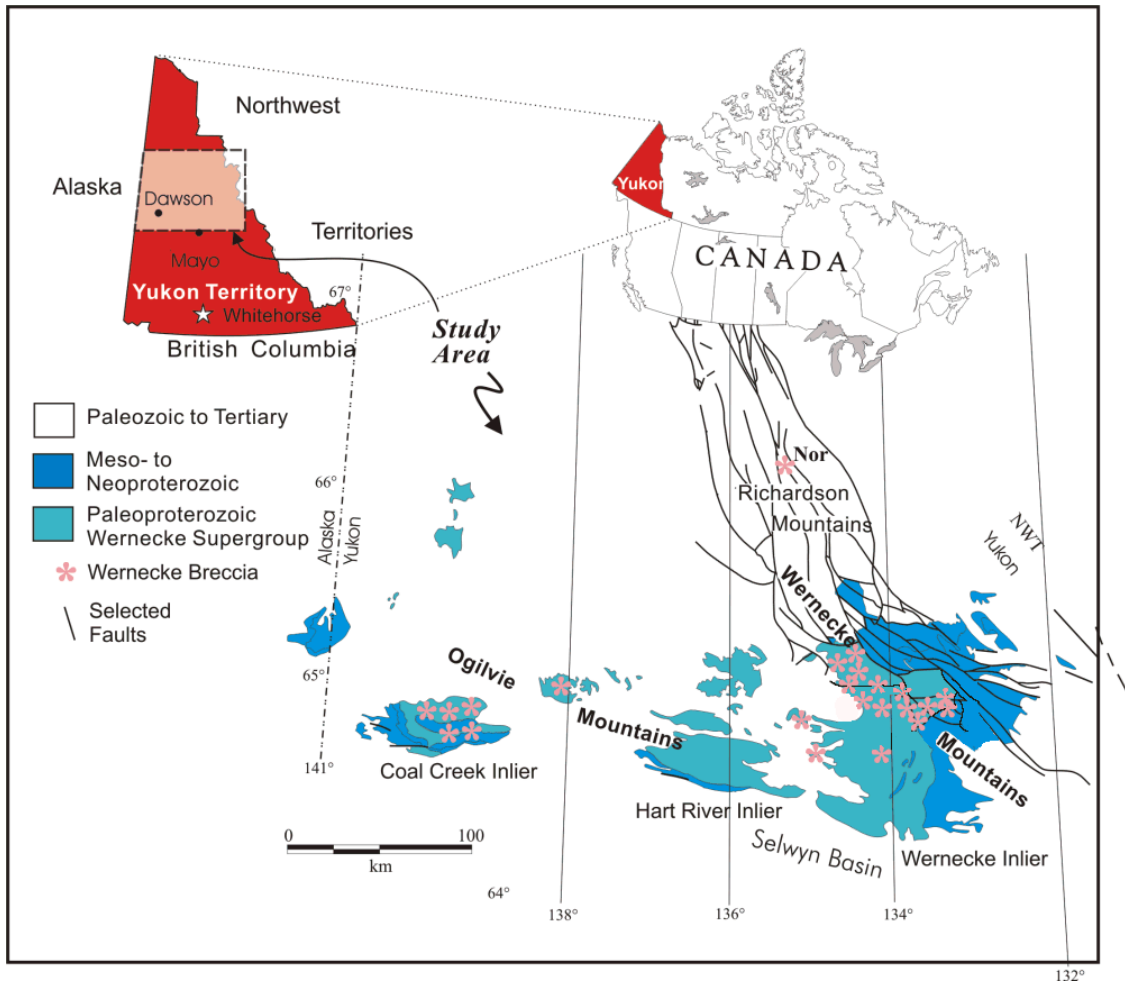


Figure 1: Regional location and geological setting of the Wernecke district.

Exploration work in 2007 comprised of mapping, geophysics and soil sampling to define a potential target. The work was based out of the Bear River exploration camp 69km to the east of the property, see figure 2. This work was conducted with daily helicopter support.



Figure 2: Location of the NAD property and the Bear River exploration camp that acted as a base for the NAD operations for the mapping, geophysics and soil sampling.

The Property Location, Claim Data and Access

The property is located in east-central Yukon at latitude 65°00'49"N and longitude 135°43'16"W on NTS map sheets 106E03 and 106D13. It comprises of 80 minerals claims covering approximately 800 hectares. The claims were staked under the Yukon Quartz Mining Act and are registered with the Mayo Mining Record in the name of Cash Minerals Ltd, who holds the land under option from Twenty-Seven Capital Corp as part of the Yukon Uranium Project.

Claim Name
NAD 1-80

Grant Number
YC52366-YC52445

Table 1: summary of claim registration information, expiry date does not include 2007 work which has not been filed for assessment credit.

The Pain property is located 175km northeast of the Klondike Highway and Silver Trail. Mayo is situated 407km by road north of Whitehorse. The closest road access to the property is at McQuesten Lake which lies 87km by road northeast of Mayo and 11km southwest of the Pain property. From McQuesten Lake the Wind River Trail, an abandoned winter road extends northward towards the Peel Basin. This winter road, the Wind River Trail, passes within 25km of the NAD property. A cat trail branches off the

winter road and leads to the Bear River airstrip, a gravel airstrip 70km east of the property.

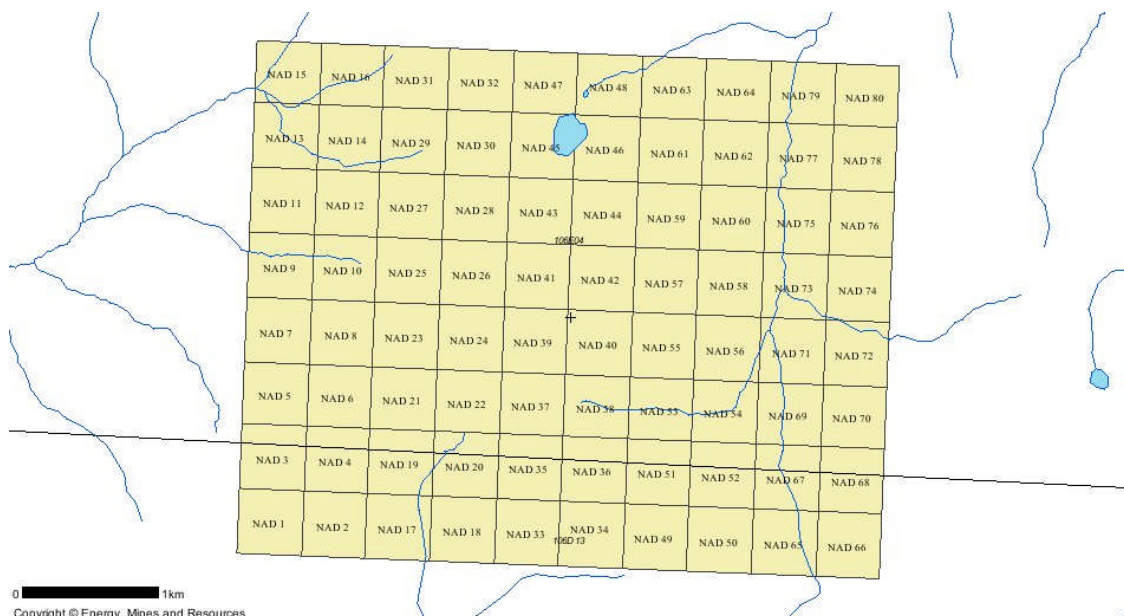


Figure 3: Claims map for the NAD property.

Access to the property in 2007 was accomplished using a Hughes 500D Helicopter based at the Bear River exploration and operated by Fireweed Helicopters of Whitehorse. Fuel was flown from Mayo to Bear River airstrip using a Britten-Norman Islander operated by Sifton Air of Haines Junction.

Regional

The first report of mineralisation in the Wernecke Mountains was the discovery of hematite rich float in gravels by prospectors' en-route to the Klondike Goldfields in 1898. A few copper and gold prospects were staked prior to the 1960's, but no serious exploration was conducted. The discovery of the Crest Iron deposit by California Standard Company Ltd. led to several hematite bodies being staked and briefly explored after 1961. This wave of exploration coupled with improved access due to the construction of the Wind River Trail led to new copper discoveries in the mid 1960's, some of which were drilled or bulldozer trenched (Deklerk and Traynor, 2005).

Uranium was first discovered in the Wernecke Mountains in 1974 at the Igor property by the Ogilvie Joint Venture (Chevron Canada Ltd., Marietta Resources International Ltd. and Aquitaine Company of Canada Ltd.) The following summer the Wernecke Joint Venture (Chevron and Aquitaine) conducted helicopter borne radiometric reconnaissance surveys throughout the district and staked a number of other properties based on ground radiometric follow up. Most of these occurrences are associated with large iron-oxide rich breccias that are informally known as the Wernecke Breccias. Eldorado Nuclear optioned Wernecke Joint Venture's properties and regional exploration rights in 1976. It conducted property and regional exploration in 1976 and 1977 along with a number of

other companies, notably Noranda Minerals Ltd. and Pan Ocean Oil Ltd. Wernecke Joint Venture resumed exploration in 1978 after Eldorado Nuclear began to drop its optioned properties. Systematic uranium exploration by various parties continued in the Wernecke Mountains until 1982, when uranium prices fell (Eaton and Wober, 2005).

Another wave of regional and property exploration occurred in the mid 1990's when Westmin Resources Ltd. and Newmont Exploration Limited explored some of the Wernecke Breccias for copper and gold using the IOCG model.

Property History

No previous exploration has been completed on the NAD property. The property was staked late in the 2006 field season, and the 2007 exploration

Physiography and Geomorphology

The NAD property is located within the Wernecke Mountains and is drained by a tributary of the Wind River, which flows into the Peel River and ultimately the Arctic Ocean via the Mackenzie River.

The climate in the Wernecke Mountains is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, cool summers. Average temperatures in January are about -25°C and in July about 10C. Total annual precipitation is approximately 30cm, mainly occurring as rain during the summer months. Maximum snow pack averages about 40cm. Although summers are relatively mild, arctic cold fronts occasionally cover the area and snowfall can happen in any month. Sunlight ranges from 22hrs per day in late June to approximately six hours per day in late December. The property is relatively snow-free from late May until late September.

Vegetation consists of stunted spruce and moss at lower elevations with grasses and moss at higher elevations. There is no commercial timber on the property. No suitable campsites are located on the property but there is abundant water in the creeks till August for drilling purposes.

Regional Geology

The Wernecke, Hart River and Coal Creek Inliers are exposed within the Cordilleran fold and thrust belt of northwestern Canada (Figure 1) (Thorkelson *et al.*, 2005). Deformation associated with Cordilleran orogenesis has largely shaped the modern geological configuration of the region. The Canadian Cordillera formed along the western margin of ancestral North America from the Devonian to the Early Cainozoic (Cook *et al.*, 2004). Mesozoic to Cainozoic cordilleran orogenesis resulted in the accretion of several allocthonous and pericratonic terranes that incorporated existing Paleoproterozoic terranes with Paleozoic marginal strata, and lead to the formation of syn-orogenic and post-orogenic igneous and sedimentary successions (Gabrielse *et al.*, 1991).

Wernecke Supergroup strata are geographically separated from cratonic North America within a series of inliers (Figure 1) that are thought to represent large-scale structural culminations that have been preferentially exhumed (Thorkelson *et al.*, 2005). Smaller

outcrops of Early Proterozoic strata are considered to be the cores of folds produced during late Mesozoic shortening (Laramide orogenesis) (Norris, 1984). Surrounding the inliers are younger Neoproterozoic to Cenozoic rocks that now comprise part of the Mackenzie platform (Figure 1) (Thorkelson *et al.*, 2005). This sub-region of Cordilleran foreland belt is associated with Neoproterozoic to Paleozoic platform assemblages (Figure 1) (Gordey & Anderson, 1993; Norris, 1997). This platformal sequence is juxtaposed to the south of the Dawson Fault by the Selwyn Basin, a package of basinal strata also of Neoproterozoic to Lower Paleozoic age (Gordey & Makepeace, 1999).

The Wernecke Inlier is crosscut by the Richardson fault array (Figure 1) (Thorkelson, 2000), a series of deep-seated structures that are continuous for over 600 km that mark the boundary between the deformed Cordilleran fold and thrust belt and the relatively undeformed Northern Interior Platform (Delaney, 1981; Norris, 1997; Thorkelson, 2000). This region represents a zone of weakened crust within the North American craton – possibly an Early Proterozoic terrane boundary (Thorkelson, 2000) – that has been re-activated during the Late Proterozoic and the Tertiary (Hall & Cook, 1998) manifested as strike-slip, thrust and normal faults (Norris, 1981; Hall & Cook, 1998). To the south, the Richardson Fault Array splays to become the Fairchild Lake Fault (Norris, 1981). This fault is a major structure in the Wernecke Inlier that intersects strata of the Wernecke Supergroup (Thorkelson, 2000). The Fairchild Lake Fault has been interpreted as a normal fault (with possible minor strike-slip motion) with an east-side-down sense of movement (Thorkelson, 2000). Early fault activity occurred during the Middle to Late Proterozoic, given by the differential preservation of Early and Mesoproterozoic strata on adjacent sides of the Fairchild Lake fault (Thorkelson, 2000). Fault displacement and erosion associated with the Fairchild Lake Fault could control the configuration of many Proterozoic and Paleozoic successions in the region (Thorkelson, 2000).

The Wernecke Supergroup is comprised of a roughly 13 km thick package of marine sedimentary and carbonate sediments (Delaney, 1981) deposited prior to 1.71 Ga (Thorkelson, 2000). The Wernecke Supergroup consists of three major successions known from oldest to youngest as the Fairchild Lake Group, Quartet Group and the Gillespie Lake Group (Delaney, 1981; Thorkelson, 2000), that are dominated by mudstone, siltstone and dolomite (Thorkelson *et al.*, 2001b).

Fairchild Lake Group (FLG) sediments represent the oldest supracrustal sedimentary succession within the Cordillera, and form the basal section of the Wernecke Supergroup (Thorkelson, 2000). The lower contact of the Fairchild Lake Group is nowhere exposed, but is thought to be structurally decoupled with the crystalline basement as a result of contractional deformation (Thorkelson, 2000). Thorkelson (2000) differentiated the ~ 200 m thick upper FLG (uFLG) from the ~ 4.6 km thick lower FLG on the basis of lithological character. Lower FLG strata are generally composed of weakly to moderately metamorphosed (Thorkelson *et al.*, 2003) finely laminated to cross-laminated siltstone, mudstone and fine-grained sandstone with locally intercalated dolomite (Thorkelson, 2000). Upper FLG sediments generally consist of monotonous alternating sequences of dolomite and siltstone (Thorkelson, 2000).

Fairchild Lake Group strata commonly exhibit a variably intense slaty cleavage (Thorkelson *et al.*, 2003), with local zones of higher strain – often the cores of tight folds – producing chlorite and muscovite-rich phyllite to fine grained chlorite-muscovite-chlorite schist, often with additional chloritoid or garnet porphyroblasts (Thorkelson *et al.*, 2003).

The Quartet Group (QG)- conformably overlies the uppermost Fairchild Lake Group and represents the middle sequence of the Wernecke Supergroup (Thorkelson, 2000; Hunt *et al.*, 2005). The ~ 5 km thick sequence has been divided into a basal Q-1 unit and an overlying Q-2 unit by Delaney (1981). Q-1 consists of black carbonaceous shale in conformable contact with an upward coarsening sequence of intercalated pyritic shale, siltstone and fine grained sandstone termed Q-2 (Delaney, 1981). Within the uppermost Q-2 sequence, this fine grained sandstone becomes interlayered with buff-brown weathering silty dolomite; indicating the onset of Gillespie Lake Group sedimentation (Thorkelson, 2000).

The Gillespie Lake Group (GLG)- consists of ~ 4 km of shallow water sediments that conformably overlie the upper Quartet Group and represent the uppermost layer of the Wernecke Supergroup (Delaney, 1981). Delaney (1981) subdivided the GLG into seven conformable units known from bottom to top as units G-TR and G-2 to G-7. The basal G-TR unit is delineated from the upper QG on the pronounced increase in the abundance of buff-weathering dolomite that appear as distinctive alternating bands of dolomite and siltstone (Thorkelson, 2000). The remainder of the succession (units G2-G7, of Delaney, 1981) is composed of orange-weathering dolomite and silty dolomite sediments; interpreted as deposition in a shallow to intertidal environment (Thorkelson, 2000).

Wernecke Breccia (WBX)- Voluminous hydrothermal activity occurred in the Yukon during the Early to Middle Proterozoic and resulted in the formation of extensive zones of fragmental rocks within the Wernecke Supergroup, termed the Wernecke Breccia (figure 1) (Thorkelson *et al.*, 2001b). Brecciation occurred in the Wernecke Inlier and 300 km to the west in the Coal Creek Inlier, hosted predominantly within strata of the Wernecke Supergroup (Figure 1) (Thorkelson *et al.*, 2001b). Breccia bodies are present as numerous curvilinear belts over an area of ~ 48,000 km² (Archer & Schmidt, 1978; Delaney, 1981; Bell, 1986b; Lane, 1990; Wheeler & McFeely, 1991; Thorkelson, 2000).

Wernecke Breccia typically consists of variably metasomatised angular to sub-angular clasts, surrounded by a matrix of hydrothermal minerals (Thorkelson *et al.*, 2001b). Specular hematite is abundant both within fractures and as disseminations within most breccia occurrences (Thorkelson, 2000; Thorkelson *et al.*, 2001b). Breccia clasts are sourced predominantly from Wernecke Supergroup dolomites, siltstones, slates, phyllites and schists (Thorkelson, 2000). Where brecciation has intersected the Bonnet Plume River intrusions, breccias locally contain abundant igneous clasts. Megaclasts and clasts of volcanic material are found at one locality (Slab occurrence) where brecciation engulfed the Slab volcanics (Thorkelson, 2000). The breccia matrix is generally composed of milled and small fragments of clasts and wall rock, cemented by abundant

hydrothermally precipitated minerals including: hematite, quartz, carbonate, chlorite, feldspar and mica (Thorkelson, 2000; Thorkelson *et al.*, 2001b).

Metasomatism associated with the Wernecke Breccia was initiated before and concluded after the main breccia forming event, and is commonly preserved as metasomatic aureoles overprinting breccia and surrounding country rock (Thorkelson *et al.*, 2001b). Metasomatic effects are variable regionally, but typically result in the overprinting of clasts and matrix via the precipitation of a range of minerals including: hematite (earthy and specular), magnetite, dolomite, siderite, chlorite, titanite, brannerite and chalcopyrite (Thorkelson *et al.*, 2001b).

U-Pb dating of titanite produced an age of ~ 1.6 Ga for the earliest phase of brecciation (Thorkelson *et al.*, 2001b). Although this event is recognized as the dominant breccia forming event, at least two other phases of hydrothermal activity occurred at 1.38 and 1.27 Ga (Thorkelson *et al.*, 2005).

Bonnet plume River intrusions (1.71 Ga)- The Bonnet Plume River intrusions represent the oldest intrusive rocks in the Yukon (Thorkelson, 2000; Thorkelson *et al.*, 2001b). Intrusion occurred in the form of short dikes and stocks of fine to medium-grained diorites and gabbros (with minor syenite and anorthosite) (Thorkelson *et al.*, 2001a) that invaded the Wernecke Supergroup (Delaney, 1981; Norris & Dyke, 1997; Thorkelson, 2000). This intrusive relationship allows the Bonnet Plume River Intrusions to constrain the minimum age of Wernecke Supergroup deposition and preceding Wernecke basin formation (Thorkelson *et al.*, 2001a). Dating of zircon obtained from several Bonnet Plume River Intrusions samples yielded U-Pb ages of ~ 1.71 Ga, providing a lower bracket age for Wernecke Supergroup deposition of > 1.71 Ga (Thorkelson *et al.*, 2001a).

The Bonnet Plume River Intrusions are predominantly found as clasts and enclaves – millimeters to hundreds of meters in length – within breccia bodies that formed during voluminous hydrothermal-phreatic activity at ca. 1.6 Ga (Thorkelson *et al.*, 2001b). These events lead to the development of regional zones of fragmental rock known as the Wernecke Breccia (Laznicka & Edwards, 1979; Bell, 1986b; Laznicka & Gaboury, 1988). Bonnet Plume River Intrusions also show an association with normal faulting that probably represents syn-magmatic extensional faulting within the Wernecke Mountains (Thorkelson *et al.*, 2001a).

Slab Volcanics (1.71 Ga?)- The Bonnet Plume River Intrusions are often considered to have a possible co-magmatic extrusive equivalent known as the Slab Volcanics (e.g. Thorkelson, 2000; Thorkelson *et al.*, 2001a; Thorkelson *et al.*, 2005). The Slab volcanics comprise of a sequence of ~ 40 mafic to intermediate thin lava flows, preserved entirely as clasts, including one 250 m thick megacast (Thorkelson *et al.*, 2001a). This megacast is hosted within an expansive zone of Wernecke breccia; present within schist and metasediment of the Fairchild Lake Group (Thorkelson *et al.*, 2005).

Regional Mineralisation

Sixty-five Wernecke breccia bodies within the Wernecke and Ogilvie Mountains have been identified as hosting prospective IOCG style mineralisation (Archer & Schmidt, 1978; Deklerk & Traynor, 2005). Mineralisation occurs both within the breccias, and in the surrounding rock, as disseminations and veins that record multiple phases of mineralisation (Hunt *et al.*, 2005). Common IOCG phases include: magnetite, hematite, chalcopyrite, pitchblende, brannerite, cobaltite and gold (not visible but reports in assay with copper) (Hunt *et al.*, 2005).

Mineralised Wernecke breccia appears to show similarities with mineralized breccia associated with the giant Olympic Dam deposit (Thorkelson *et al.*, 2005). This correlation is significant for paleogeographic reconstructions that link Australia and Laurentia during the early Proterozoic (e.g. Bell & Jefferson, 1987; Dalziel, 1991; Moores, 1991; Thorkelson *et al.*, 2001b; Betts *et al.*, 2008).

The mineralisation is commonly copper-gold and less frequently uranium and cobalt. The mineralisation occurs in four styles: (1) disseminations in albite-quartz-pyrite-chalcopyrite veinlets/replacement veins within sedimentary clasts in the Werneckes Breccia and as rare massive sulphide clasts, (2) disseminations and blebs in breccia matrix, locally forming the entire matrix, (3) as blebs up to 5cm across or disseminations in calcite-chlorite-muscovite-pyrite-chalcopyrite-hematite $\pm$ magnetite, quartz-hematite-pyrite-chalcopyrite and calcite $\pm$ chalcopyrite veins that cross-cut breccia and the Wernecke Supergroup and (4) as blebs or disseminations in quartz-chalcopyrite $\pm$ feldspar $\pm$ muscovite $\pm$ hematite veins that are parallel to and cross-cut calcareous layers in siltstone (Hunt *et al.*, 2005).

Property Geology

The NAD property is dominated by sediments of the Werneckes Supergroup with large regions to the west of intrusive lithologies. The sediments have been altered by regional geological events, with silica, carbonate, potassic and chlorite alteration observed, along with structural features such as foliation, folding and faulting occurring in several regions. The sedimentary units of the Werneckes Supergroup are crosscut in regions by the hydrothermal breccias, with the alteration intense in the sediments proximal to the breccia, and the breccia commonly occurring proximal to larger scale northwest oriented faulting, figure 4. Orientations of structural features on the NAD property are commonly striking northwest, similar to the regional Richardson Fault array. A major northerly trending fault separates the sediments to the east and the sediments with intrusive regions to the west. This faulted contact between the two blocks was the focus of geophysical grids and geochemical soil sampling activity during the 2007 field season.



Figure 4: detailed mapping in the NAD property

Geophysical Interpretation

Geophysical surveys conducted on the NAD property in the 2007 field season. The results of the magnetics and gravity surveys over the contact region have coupled negative anomalies, with a northerly trend, figures 5 and 6. The gravity survey has broad smooth anomalous regions to the west of the contact, related to the mapped intrusive lithologies, and two orbicular gravity anomalies to the east of the contact region figure 5. Magnetic anomalies to the west of the contact are stippled and irregular, co-incident with the intrusives, though there are no contacts to the east of the contact, where the orbicular gravity anomalies occur.

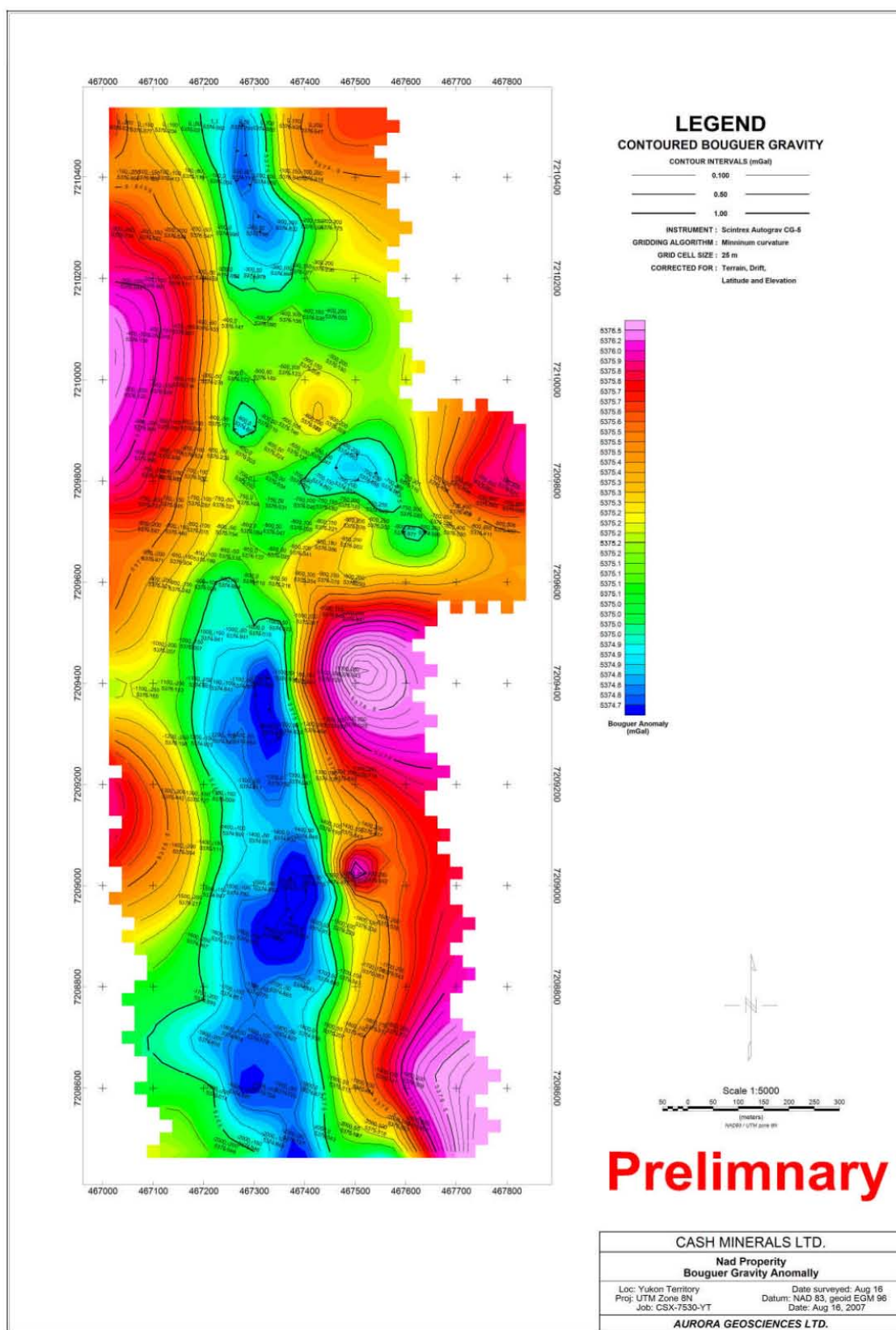


Figure 5: Contoured Bouguer Gravity from the NAD property

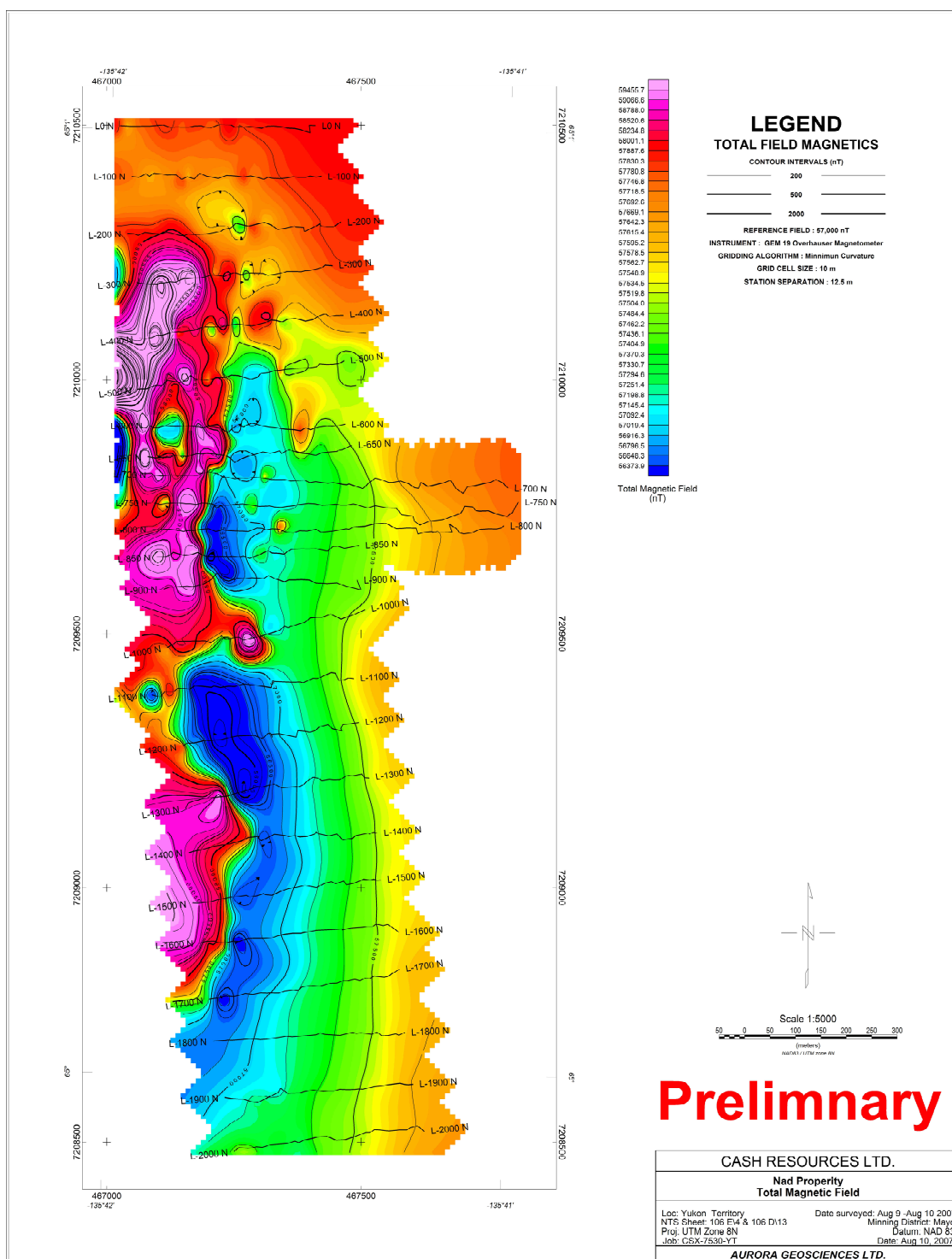


Figure 6: Total field magnetics from the NAD property

Geochemistry and mineralisation

The geochemical and mineralisation observed at the NAD property are subtle, though in context with the regional Werneckes trends, indicate interesting associations. A number of minor radiometrically anomalous results were recorded in soil samples, which appear to be related to the contact between the intrusive and sedimentary lithologies.

Similar spatial associations between the contact and elevated Cu, Co, and in one region Au, are observed. It appears that these anomalous regions are related to the contact and fault regions between the sediments and the intrusive lithologies. Disseminated sulphides are observed in the intrusive lithologies and are related to the elevated Cu and Co assays. Minor outcrop of hydrothermal breccia are likely related to both the U, and the Cu/Co anomalies.

Sample #	Easting	Northing	Sample type	Sample Description
2312	467432	7208365	float	Blue grey red, Pyrite 20%, strong oxidised
2313	467390	7208469	float	Blue grey, Pyrite 20-30%, strongly oxidised
2314	466316	7209037	float	Beige brown black red, Magnetite 2%, 1050cps
2315	466867	7209039	float	Massive with textured sample, with pyrite 15%, hematite 15%, magnetite 15%
2316	467460	7209810	chip	Blue, brown, grey, white sandstone sample with Quartz 3%, Magnetite 5%, moderate oxidation
2317	467453	7209814	chip	Dark blue grey sandstone sample, 208/82° strike/dip, moderate oxidation and weak limonite alteration
2318	467452	7209816	chip	Blue, grey, orange, white sandstone sample, Quartz 35%, with limonite alteration
2319	467450	7209815	chip	Grey orange sandstone sample, 024/62° strike/dip, with limonite alteration
2320	467450	7209817	chip	Blue grey white sandstone sample, Quartz 70%, with limonite alteration
2321	467449	7209817	chip	Blue grey brown orange brown sandstone sample, Quartz 20%, with limonite alteration
2322	467266	7209905	chip	Pink grey orange white sandstone sample, Pyrite 2%, Magnetite 2%, with moderate limonite, moderate potassic, and weak chlorite alteration
2323	467266	7209905	chip	Green pink yellow white grey orange metallic sandstone sample, Quartz 10%, Barite 5%, Pyrite 10%, strong limonite, moderate chlorite and potassic alteration
2324	464872	7208538	float	Green pink yellow sandstone sample, Hematite 10%, strong potassic and chlorite alteration; 3000cps
2325	464791	7208164	float	Light brown green pink grey vein sample, Calcite 10%, moderate sericite and chlorite alteration, about 7800cps
2326	471025	7220350	float	Orange red sandstone sample, Pyrite 5%, very strongly oxidised
2327	464168	7208189	float	Light beige brown orange grey tan green pink breccia sample, Sericite 60%, trace Hematite, Carbonate 30%, K-feldspar 8%, Fe-oxide 2%
2390	466189	7209513	float	Light grey red white breccia sample, Barite 8%, Chalcopyrite 3%, some Malachite
2572	467288	7209910	grab	Grey metallic silver recrystallised limestone, specularite 25%
2591	467361	7210050	grab	Beige tan fine grained recrystallised siltstone with

				veinlets, Quartz stringer system with pervasive euhedral crystals and disseminated pyrite throughout, Pyrite 8%, strong silica and moderate carbonate alteration
2592	467341	7210058	grab	Beige grey tan siltstone sample, Pyrite 15%, Ankerite 5%, Quartz 10%, Specularite 3%, strong silica and moderate carbonate alteration
2593	467396	7210080	grab	Beige tan altered siltstone, Pyrite 4%, Limonite 2%, moderate silica and weak carbonate alteration with minor oxidation
A014	467260	7210184	chip	Breccia with Malachite on jointing surface of breccia outcrop
A015	467364	7209691	float	Breccia float in Quartz Breccia zone 20m wide
A016	467368	7209715	float	80% Quartz and 20% Pyrite vein, 20m wide zone, weathered
A017	467348	7209762	float	Disseminated pyrite, with malachite, occurring in Quartz vein 20m wide
A018	467349	7209810	float	Pink grey quartzite siltstone sample with minor Malachite and Azurite, 60% Quartz, 40% Carbonate
A019	467337	7209790	float	20m wide Quartz vein with vuggy texture, 20% Pyrite, 80% Quartz

Table 2: samples collected on the NAD property in the 2007 field season.

Discussion and Recommendations

Exploration on the NAD property in 2007 has highlighted a number of regions that require further analysis. The geophysical anomalies observed in the gravity, which do not coincide with magnetics anomalies require more subsurface attention, and potential mapping in the regions not covered in 2007. The potential for other areas along the contact also requires further work, such as in the north eastern region of the property.

References

- ARCHER A. & SCHMIDT U. 1978. Mineralized breccias of Early Proterozoic age, Bonnet Plume River district, Yukon Territory. *Canadian Mining and Metallurgy Bulletin* **71**, 53-58.
- BELL R. T. 1986b. Megabreccias in northeast Wernecke Mountains, Yukon Territory. *In: Current Research, Part A*, pp. 375-384. Geological Survey of Canada, Paper 1986-1A.
- BELL R. T. & JEFFERSON C. W. 1987. A hypothesis for an Australian-Canadian connection in the late Proterozoic and the birth of the Pacific Ocean. *In: Pacific Rim Congress '87*, Parkville, Australia, Australian Institute of Mining and Metallurgy, Melbourne.
- BETTS P. G., GILES D. & SCHAEFER B. F. 2008. Comparing 1800-160 Ma accretionary and basin processes in Australia and Laurentia; possible geographic connections in Columbia. *Precambrian Research*, In Press.
- COOK F. A., CLOWES R. M., SNYDER D. B., VAN DER VELDEN A. J., HALL K. W., ERDMER P. & EVENCHICK C. A. 2004. Precambrian crust beneath the Mesozoic northern Canadian Cordillera discovered by Lithoprobe seismic reflection profiling. *Tectonics* **23**.
- DALZIEL I. W. D. 1991. Pacific margins of Laurentia and East Antarctica-Australia as a conjugate rift pair: Evidence and implications for an Eocambrian supercontinent. *Geology* **19**, 598-601.
- DEKLERK R. & TRAYNOR S. (compilers) 2005. Yukon MINFILE - A database of mineral occurrences Yukon Geological Survey CD-ROM
- DELANEY G. D. 1981. The mid-Proterozoic Wernecke Supergroup, Wernecke Mountains, Yukon Territory. *In: Campbell F. H. A. ed. Proterozoic Basins of Canada*, p. 23p. **81-10** Geological Survey of Canada Paper.

- EATON, W.D. & WOBER, H.H. 2005. Technical Report describing the Geology, Geochemistry, and Diamond Drilling at the Bond, Igor, Steel and Pterd Properties, Mayo Mining District, Yukon Territory, prepared for Cash Minerals Ltd
- GABRIELSE H., MONGER J. W. H., WHEELER J. O. & YORATH C. J. 1991. Morphogenic belts, tectonic assemblages, and terranes. *In*: Gabrielse H. & Yorath C. J. eds. *Geology of the Cordilleran Orogen in Canada*, pp. 15-28. Geological Survey of Canada, Ottawa.
- GORDEY S. P. & ANDERSON R. G. 1993. Evolution of the northern Cordilleran miogeocline, Nahanni map area (105I), Yukon and Northwest Territories. *Geological Survey of Canada* **428**, 214p.
- GORDEY S. P. & MAKEPEACE, A.J. (compilers) 1999. Yukon Digital Geology. Geological Survey of Canada, Open File D3826 and Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File 1999-1(D).
- HALL K. W. & COOK F. A. 1998. Geophysical transect of the Eagle Plains foldbelt and Richardson Mountains anticlinorium, northwestern Canada. *Geological Survey of America Bulletin* **110**, 311-325.
- HUNT J. A., BAKER T. & THORKELSON D. J. 2005. Regional-scale Proterozoic IOCG-mineralized breccia systems: examples from the Wernecke Mountains, Yukon, Canada. *Mineralium Deposita* **40**, 492-514.
- LANE R. A. 1990. Geologic setting and petrology of the Proterozoic Ogilvie Mountains breccia of the Coal Creek inlier, southern Ogilvie Mountains, Yukon Territory. University of British Columbia, Vancouver (unpubl.).
- LAZNICKA P. & EDWARDS R. J. 1979. Dolores Creek, Yukon - a disseminated copper mineralisation in sodic metasomatites. *Economic Geology* **74**, 1352-1370.
- LAZNICKA P. & GABOURY D. 1988. Wernecke Breccias and Fe, Cu, U mineralization: Quartet Mountain-Igor area (NTS 106E). *In*: Abbot G. J. ed. *Yukon Geology*, pp. 42-50. 2 Exploration and Geological Services, Yukon, Indian and Northern Affairs Canada.
- MOORES E. M. 1991. Southwest U.S. - East Antarctic (SWEAT) connection: A hypothesis. *Geology* **19**, 425-428.
- NORRIS D. K. 1981. *Wind River*. Geological Survey of Canada, Map 1528A, 1:25000 scale.
- NORRIS D. K. 1984. *Geology of the northern Yukon and northwestern District of Mackenzie* (Map 1581A edition). Geological Survey of Canada.
- NORRIS D. K. 1997. *In*: Norris D. K. ed. *The Geology, Mineral and Hydrocarbon Potential of Northern Yukon Territory and Northwestern District of Mackenzie*, pp. 21-64. **422** Geological Survey of Canada Bulletin.
- NORRIS D. K. & DYKE L. D. 1997. Geological Setting. *In*: Norris D. K. ed. *The Geology, Mineral and Hydrocarbon Potential of Northern Yukon Territory and Northwestern District of Mackenzie*, pp. 65-84. **Bulletin 422** Geological Survey of Canada.
- THORKELSON D. J. 2000. Geology and mineral occurrences of the Slat Creek, Fairchild Lake and "Dolores Creek" areas, Wernecke Mountains (106D/16, 106C/13, 106C/14), Yukon Territory. Indian and Northern Affairs Canada, Bulletin 10, 73 p.
- THORKELSON D. J., ABBOTT G. J., MORTENSEN J. K., CREASER R. A., VILLENEUVE, M. E., MCNICOLL V. J. & LAYER P. W. 2005. Early and Middle Proterozoic evolution of Yukon, Canada1, 2. *Canadian Journal of Earth Sciences* **42**, 1045.
- THORKELSON D. J., HUNT J. A. & BAKER T. 2003. Geology and mineral occurrences of the Quartet Lakes map area (NTS 106E/1), Wernecke and Mackenzie mountains, Yukon. *In*: Emond D. S. & Lewis L. L. eds. *Yukon Exploration and Geology 2002*, pp. 223-239. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.
- THORKELSON D. J., MORTENSEN J. K., DAVIDSON G. J., CREASER R. A., PEREZ W. A. & ABBOT G. J. 2001a. Early Proterozoic magmatism in Yukon, Canada: constraints on the evolution northwestern Laurentia. *Canadian Journal of Earth Sciences* **38**, 1479-1494.
- THORKELSON D. J., MORTENSEN J. K., DAVIDSON G. J., CREASER R. A., PEREZ W. A. & ABBOT G. J. 2001b. Early Mesoproterozoic intrusive breccias in Yukon, Canada: the role of hydrothermal systems in reconstructions of North America and Australia. *In*: Bartley J. K. & Kah L. C. eds. *Rodinia and the Mesoproterozoic earth-ocean system*, pp. 31-55. **111** Precambrian Research.
- WHEELER J. O. & MCFEELY P. 1991. *Tectonic assemblage map of the Canadian Cordillera and adjacent parts of the United States of America*. Geological Survey of Canada, Map 1712A, 1:2 000 000 scale.

Appendix 1

I, Russell Smits, exploration geologist, with a business and residential address in Vancouver, British Columbia, do hereby certify that:

1. I graduated in 2005 from Monash University with a Bachelor of Science degree, majoring in geology and a Masters degree in Economic Geology
2. From 2005 to present I have been actively engaged in the Mineral Exploration in Australian and Canadian minerals provinces
3. I personally participated and oversaw the fieldwork reported herein

Russell Smits, M.S.c.

Appendix 2

Rock geochemical data from ALS for samples collected from the NAD Property
All samples assayed for major and trace elements by ME-MS61, besides Au which was
assayed via Ion Coupling Plasma Au-ICP21

Sample #	2312	2313	2314	2315	2316	2317
Ag ppm	1.28	0.14	0.08	0.81	0.27	0.3
Al %	6.07	7.79	6.75	1.85	4.81	9.57
As ppm	42.6	11.2	7	34.8	157	50
Ba ppm	20	670	50	60	120	500
Be ppm	2.04	3.38	1.18	1.44	0.83	3.7
Bi ppm	4.69	0.21	1.22	2.74	1.47	2.28
Ca %	0.14	0.25	14.1	0.49	6.78	0.75
Cd ppm	0.09	<0.02	<0.02	<0.02	0.13	0.09
Ce ppm	480	65.2	20.8	39.4	97.2	85.2
Co ppm	46.9	2.8	2.7	685	21.9	10.2
Cr ppm	64	57	16	<1	36	59
Cs ppm	7.57	7.51	0.62	0.14	0.75	3.33
Cu ppm	48.5	9.6	16.2	249	57.8	108
Fe %	16.8	1.88	0.45	>50	2.29	0.95
Ga ppm	20	20.7	11.75	11.6	10.8	28.9
Ge ppm	0.61	0.13	0.09	1.24	0.17	0.15
Hf ppm	3.2	3.9	1.4	0.9	1.9	3.5
In ppm	0.068	0.065	0.009	0.034	0.056	0.067
K %	1.9	3.37	0.25	0.06	0.48	2.67
La ppm	229	31.9	9.6	22	43.3	42.6
Li ppm	61.2	49.3	5.1	4.9	4.6	22.1
Mg %	2.16	1.4	0.42	0.83	2.8	0.61
Mn ppm	528	101	1110	737	3490	646
Mo ppm	3.63	9	14.7	85	14.2	13.5
Na %	0.37	0.71	5.06	1.05	2.9	3.47
Nb ppm	6	12.4	4.5	2	3.3	10.9
Ni ppm	107	9.6	6.8	23.7	9.5	16.1
P ppm	880	1160	500	30	230	390
Pb ppm	103.5	26.5	19.5	116	33.4	19.4
Rb ppm	88.7	165.5	9	1.5	26.4	156
Re ppm	<0.002	0.002	0.002	0.004	<0.002	<0.002
S %	>10.0	0.42	0.04	6.58	0.04	0.05
Sb ppm	6.4	1.64	1.76	0.74	0.7	1.58
Sc ppm	14	13.3	28.5	22.4	9	15.3
Se ppm	4	2	3	5	2	2
Sn ppm	1.7	2.9	1.1	0.5	0.2	1.8
Sr ppm	36.2	42.3	146	11.8	48.9	31.9
Ta ppm	0.43	0.88	0.31	0.08	0.27	0.83
Te ppm	0.29	<0.05	0.65	0.18	0.05	0.06
Th ppm	13.7	16.6	7.2	0.6	11.9	17.3
Ti %	0.248	0.325	0.543	0.256	0.067	0.279
Tl ppm	1.38	1.31	0.08	<0.02	0.1	0.36
U ppm	3.9	4.6	245	4.2	1.8	3.4
V ppm	101	107	77	217	32	82
W ppm	1	2.2	215	2.5	0.8	2.7
Y ppm	16.1	13.5	36.3	4.6	25.4	19
Zn ppm	138	35	6	136	34	21
Zr ppm	106.5	118.5	39.4	26.3	61.8	115
Sample #	2318	2319	2320	2321	2322	2323
Ag ppm	0.22	0.31	0.25	0.28	0.04	0.04

Al %	3.95	6.27	4.08	4.09	6.84	7.23
As ppm	87.8	193	193.5	86.6	6.2	7.3
Ba ppm	180	260	170	200	350	1370
Be ppm	0.93	1.41	1.32	1.5	1.76	1.49
Bi ppm	0.95	1.7	1.97	2.31	0.05	0.33
Ca %	2.51	1.55	5.17	2.38	4.82	4.97
Cd ppm	0.17	0.13	0.22	0.36	0.04	0.03
Ce ppm	125	150	332	144	51.6	76.4
Co ppm	8.7	14.2	42	13.6	16.5	53.5
Cr ppm	52	49	42	37	40	41
Cs ppm	1.07	1.33	1.21	1.33	0.81	0.81
Cu ppm	143.5	238	39.1	230	6.6	7.2
Fe %	1.35	1.28	1.65	1.75	2.63	3.28
Ga ppm	10.9	19.5	15.6	16.5	21.2	23.4
Ge ppm	0.2	0.25	0.43	0.24	0.17	0.21
Hf ppm	1.3	2.5	1.5	2	2	2.1
In ppm	0.049	0.052	0.057	0.055	0.036	0.032
K %	0.99	1.46	0.88	1.25	0.86	1.8
La ppm	58.1	67.6	153.5	65.7	21.2	31.1
Li ppm	6.9	8.9	8.9	9.3	29.2	25.2
Mg %	0.94	0.6	2.32	1.01	2.36	1.91
Mn ppm	1570	895	2530	1440	1130	959
Mo ppm	6.49	5.97	15.65	12.15	1.31	1.34
Na %	1.41	2.66	1.82	1.21	3.12	2.24
Nb ppm	3.2	5.8	1.8	3.1	10.7	10.3
Ni ppm	13	14.3	16.7	25.7	40.6	52.1
P ppm	190	410	600	200	850	980
Pb ppm	20.9	18.2	21.3	21.4	2.9	2.7
Rb ppm	50.9	74.6	50.6	65.9	26.9	54.4
Re ppm	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.1	0.08	0.03	0.12	0.02	1.06
Sb ppm	0.9	2.09	0.82	1.41	0.48	0.5
Sc ppm	4.4	8.7	17.4	7.7	12.4	12.3
Se ppm	1	1	2	2	1	2
Sn ppm	0.4	0.8	0.6	0.8	3.2	3.4
Sr ppm	23.7	22.6	46.4	21.3	68.4	91.6
Ta ppm	0.23	0.45	0.19	0.25	0.91	0.86
Te ppm	<0.05	0.18	0.12	0.07	<0.05	0.08
Th ppm	6.5	12.1	9.6	9.1	14	15.2
Ti %	0.081	0.144	0.06	0.076	0.285	0.268
Tl ppm	0.13	0.17	0.14	0.14	0.05	0.09
U ppm	2.1	4.9	4.3	4.4	2	2.2
V ppm	32	76	80	46	87	84
W ppm	1.1	2.1	0.6	1.1	0.5	0.7
Y ppm	12.2	16.6	25.6	18.8	16.7	13.6
Zn ppm	28	21	37	46	28	17
Zr ppm	46.5	83.4	44.6	61.8	61.4	60.3

Sample #	2324	2325	2326	2327	2390	2572
Ag ppm	0.75	0.01	0.09	0.37	0.04	<0.01
Al %	6.7	7.51	7.98	6.78	1.24	6.58
As ppm	5	7.6	27.7	<5	7	7.7

Ba ppm	50	690	230	570	470	400
Be ppm	0.72	4.85	0.93	4.38	0.59	1.34
Bi ppm	18.4	1.04	1.32	4.75	0.25	0.09
Ca %	11.5	6.3	0.27	11.15	11.3	5.62
Cd ppm	0.02	<0.02	<0.02	<0.02	0.05	<0.02
Ce ppm	28.9	89.5	30.5	48.3	33.9	50.4
Co ppm	17.7	3.9	1.9	7.2	11.9	11.3
Cr ppm	34	39	48	13	7	41
Cs ppm	4.7	3.35	1.87	2.25	1.88	0.72
Cu ppm	16	2.3	3.4	1.9	2450	8.3
Fe %	1.98	1.67	2.01	1.75	1.89	3.67
Ga ppm	15.6	22.5	18.7	20.8	3.65	19.4
Ge ppm	0.18	0.37	0.13	0.21	0.09	0.12
Hf ppm	1.6	3.4	4.3	2.6	0.5	1.9
In ppm	0.017	0.098	0.018	0.1	0.036	0.031
K %	1.15	4.01	0.94	3.61	0.61	0.3
La ppm	5.6	27.7	12.7	20.7	15.6	23.2
Li ppm	26.6	33.7	5.5	35	5.5	14
Mg %	2.12	1.18	0.15	1.38	6.09	1.41
Mn ppm	1800	918	61	1730	5000	818
Mo ppm	12.75	4.25	0.8	6.62	1.33	0.89
Na %	4.05	0.1	5.64	0.07	0.11	5.35
Nb ppm	7.2	14.5	22.7	7.6	1.7	14.9
Ni ppm	30.3	24.9	2.6	40	15.3	23.1
P ppm	370	1280	170	330	170	830
Pb ppm	56.6	61.4	46.9	20.1	3.1	3.3
Rb ppm	128.5	196	55.5	223	35.8	5.7
Re ppm	0.008	0.008	<0.002	<0.002	<0.002	<0.002
S %	<0.01	<0.01	0.43	<0.01	0.39	0.02
Sb ppm	2.41	3.08	1.02	1.74	0.3	0.39
Sc ppm	22.2	13	7.9	33.2	2.7	10.6
Se ppm	6	7	2	9	2	2
Sn ppm	1.2	3.7	1.7	2.3	0.6	3.4
Sr ppm	95.3	50.8	41.6	102	3680	89.1
Ta ppm	0.47	1.14	1.75	0.5	0.12	1.18
Te ppm	14.1	1.86	0.38	17.95	<0.05	0.05
Th ppm	28.6	38	13.6	38.3	1.9	13.8
Ti %	0.847	0.31	0.535	0.411	0.047	0.328
Tl ppm	0.28	0.29	0.3	0.22	0.09	0.03
U ppm	1500	2000	24.6	640	5.9	2.5
V ppm	113	343	59	322	14	67
W ppm	6.3	17.3	1.5	8	1.1	2
Y ppm	112	150.5	9.6	51.4	21.8	16.3
Zn ppm	17	<2	<2	5	8	20
Zr ppm	45.1	97.4	123	87.8	18.1	58.9

Sample #	2591	2592	2593
Ag ppm	0.11	0.16	0.09
Al %	7.03	7.32	7
As ppm	41.3	16.6	6.5
Ba ppm	160	120	100
Be ppm	0.62	0.94	0.45

Bi ppm	0.78	0.76	0.76
Ca %	2.87	3.77	3.74
Cd ppm	0.06	0.03	0.03
Ce ppm	180	110.5	120.5
Co ppm	84.3	65	34.5
Cr ppm	40	47	43
Cs ppm	0.61	0.6	0.28
Cu ppm	17.9	23.2	8.3
Fe %	3.47	3.36	3.44
Ga ppm	22	22.3	18
Ge ppm	0.28	0.21	0.21
Hf ppm	2.2	2.5	2.3
In ppm	0.023	0.029	0.023
K %	0.6	0.51	0.27
La ppm	91.2	62.6	70.3
Li ppm	3.4	5.4	1.4
Mg %	1	1.25	1.36
Mn ppm	1980	2270	2350
Mo ppm	3.76	5.73	0.84
Na %	4.46	5.07	4.84
Nb ppm	5.5	7.1	6.2
Ni ppm	42.4	20.5	34.8
P ppm	710	820	720
Pb ppm	5.9	5.8	4.1
Rb ppm	24.6	22.8	10.8
Re ppm	<0.002	<0.002	<0.002
S %	1.59	1.46	1.63
Sb ppm	0.99	1.16	0.43
Sc ppm	12.3	13	11.9
Se ppm	2	<1	1
Sn ppm	2	5.7	0.9
Sr ppm	27.3	42	36.6
Ta ppm	0.44	0.55	0.47
Te ppm	0.17	0.09	0.13
Th ppm	16.1	17.1	15.6
Ti %	0.119	0.153	0.136
Tl ppm	0.06	0.06	0.03
U ppm	11.5	20.1	8.9
V ppm	45	74	37
W ppm	3.1	4.5	1.6
Y ppm	12.7	15.9	11.9
Zn ppm	9	6	6
Zr ppm	81.2	81.2	83.9

Rock geochemical data from ALS for samples collected from the NAD Property
 All samples assayed for major and trace elements by ME-MS81, besides Au which was
 assayed via Ion Coupling Plasma Au-ICP21

Sample #	A014	A015	A016	A017	A018	A019
Au ppm	0.024	0.288	0.002	0.141	0.047	0.004
Ag ppm	1	1	<1	<1	<1	<1
Ba ppm	>10000	151	1205	36.4	72.8	66.3
Ce ppm	119.5	50.9	1.6	5.1	1.6	122.5
Co ppm	48.6	46.5	3.5	296	109.5	41.6
Cr ppm	40	60	20	10	20	30
Cs ppm	1.97	1.08	0.64	0.24	0.27	0.47
Cu ppm	397	>10000	129	425	35	568
Dy ppm	3.26	3.91	9.88	11.1	17.25	11.75
Er ppm	2.03	1.87	6.33	6.1	10.45	6
Eu ppm	2.39	1.56	0.42	0.54	0.56	1.25
Ga ppm	12	12.5	1	0.8	0.8	8.5
Gd ppm	5.77	5.52	4	5.19	6.75	12.2
Hf ppm	2.4	3.5	<0.2	<0.2	<0.2	1.8
Ho ppm	0.69	0.66	2.14	2.28	3.81	2.17
La ppm	83.9	25.8	1.6	2.1	1	61.7
Lu ppm	0.32	0.27	0.85	0.67	1.01	0.68
Mo ppm	16	<2	<2	2	<2	3
Nb ppm	16.7	12.7	0.3	<0.2	<0.2	6.5
Nd ppm	37.9	27.4	0.8	3.3	1.7	54.8
Ni ppm	29	40	5	195	94	39
Pb ppm	22	6	5	12	6	8
Pr ppm	12	7.03	0.17	0.71	0.28	15.1
Rb ppm	139.5	10.5	3.3	1.8	1.9	15.3
Sm ppm	5.65	5.73	0.76	1.73	1.8	11.65
Sn ppm	25	2	<1	<1	<1	1
Sr ppm	476	81.3	20.2	11.1	4	30.4
Ta ppm	1.2	1.1	<0.1	<0.1	<0.1	0.5
Tb ppm	0.69	0.78	1.31	1.58	2.23	2.1
Th ppm	10.7	12.75	0.19	0.08	0.15	7.52
Tl ppm	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tm ppm	0.31	0.27	0.93	0.84	1.42	0.8
U ppm	4.41	2.9	0.26	0.24	0.44	3.08
V ppm	173	46	18	8	6	42
W ppm	37	1	1	1	1	6
Y ppm	17.1	18.3	61	60.7	108.5	56.3
Yb ppm	2.05	1.77	6.15	5.21	8.34	5.07
Zn ppm	41	44	16	11	9	17
Zr ppm	81	110	4	2	3	58

Appendix 4

Soil geochemical data from ALS for samples collected from the NAD Property
All samples assayed for major and trace elements by ME-MS61, besides Au which was
assayed via Ion Coupling Plasma Au-ICP21

Sample	432	433	434	435	436	437	438	439	440	441	442	443	444	445
Ag ppm	0.14	0.13	0.03	0.06	0.09	0.13	0.15	0.10	0.17	0.07	0.09	0.06	0.05	0.06
Al %	7.49	2.66	6.63	7.39	6.29	6.06	7.20	6.87	7.12	7.43	7.68	7.86	7.63	7.69
As ppm	9.90	2.80	7.00	8.80	11.80	12.60	15.20	13.20	10.80	14.80	19.70	12.80	12.80	6.10
Ba ppm	780.0	200.00	650.00	540.00	340.00	440.00	450.00	370.00	310.00	340.00	230.00	130.00	190.00	920.00
Be ppm	2.89	0.54	1.91	1.89	1.27	1.42	1.44	1.48	1.45	1.19	2.54	1.96	2.83	3.01
Bi ppm	0.71	0.15	0.36	0.49	0.46	0.59	0.63	0.85	0.75	0.63	0.91	0.61	0.60	1.04
Ca %	0.95	0.95	1.33	1.28	1.22	1.32	1.30	1.51	2.01	1.64	1.45	1.49	0.87	0.88
Cd ppm	0.19	0.15	0.13	0.15	0.17	0.16	0.21	0.14	0.13	0.15	0.15	0.07	0.09	0.05
Ce ppm	70.70	20.70	87.20	92.20	72.20	70.80	90.70	117.50	74.30	41.20	78.70	102.50	104.50	105.50
Co ppm	56.60	9.70	48.80	67.40	35.60	37.80	39.20	40.40	51.00	100.00	126.00	95.10	77.60	50.70
Cr ppm	94.00	23.00	144.00	155.00	69.00	69.00	79.00	86.00	80.00	83.00	66.00	69.00	80.00	150.00
Cs ppm	12.00	1.83	6.44	6.39	3.93	4.94	4.26	3.99	5.29	9.09	6.43	6.17	7.79	8.07
Cu ppm	323.0	38.30	191.50	473.00	199.50	381.00	845.00	1610.00	2980.00	583.00	1430.00	489.00	426.00	364.00
Fe %	7.05	2.31	6.95	8.12	7.21	6.23	7.11	10.20	9.91	9.27	11.45	12.50	10.85	8.47
Ga ppm	25.90	6.11	17.90	19.45	17.70	16.85	18.20	19.95	18.85	19.90	25.80	27.80	24.00	22.00
Ge ppm	0.26	0.08	0.19	0.20	0.16	0.19	0.20	0.24	0.19	0.18	0.20	0.26	0.23	0.23
Hf ppm	2.20	0.90	2.20	2.30	2.00	2.10	2.40	2.40	1.70	1.20	2.00	1.80	1.90	2.60
In ppm	0.13	0.03	0.10	0.11	0.10	0.09	0.09	0.12	0.14	0.13	0.24	0.17	0.19	0.10
K %	1.52	0.43	1.30	1.25	0.79	0.86	0.95	1.11	1.07	0.94	0.71	0.61	0.61	1.70
La ppm	37.50	10.70	46.40	50.40	38.90	37.40	50.10	65.90	41.80	20.30	42.40	59.30	57.70	55.80
Li ppm	63.20	4.40	39.70	39.90	36.50	31.60	35.60	32.60	33.60	57.30	60.10	48.90	61.80	66.60
Mg %	4.48	0.40	3.89	4.00	2.55	2.25	2.39	2.71	2.94	3.96	5.60	5.66	5.99	5.27
Mn ppm	4000.00	168.00	3050.00	3090.00	1450.00	1590.00	1705.00	2280.00	2250.00	2700.00	4060.00	3470.00	2630.00	3870.00
Mo ppm	3.91	1.27	1.48	1.62	1.56	1.66	1.60	1.83	3.75	3.88	4.31	1.94	1.39	2.97
Na %	0.72	1.06	1.19	1.66	1.72	1.60	2.27	2.04	1.74	1.50	1.71	2.21	1.62	1.14
Nb ppm	8.60	4.00	13.40	16.70	10.20	10.50	12.90	14.90	10.10	7.50	11.10	11.20	11.60	13.30
Ni ppm	103.5	10.90	96.30	108.00	48.80	47.30	53.10	51.40	62.80	98.10	66.10	76.80	76.20	106.00
P ppm	1220.00	1230.00	1170.00	1470.00	1010.00	1130.00	1050.00	1180.00	1110.00	860.00	1650.00	1330.00	1400.00	1340.00
Pb ppm	15.00	4.70	9.40	9.90	16.60	22.20	26.90	44.50	28.40	44.90	28.30	9.40	14.10	26.30
Rb ppm	83.40	24.20	74.10	75.60	40.90	49.30	53.60	45.80	50.30	74.00	30.10	29.50	30.10	86.50
Re ppm	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.08	0.23	0.06	0.05	0.08	0.05	0.02	0.03	0.07	0.08	0.08	0.08	0.06	0.04
Sb ppm	0.82	0.36	0.65	0.71	0.93	1.03	1.15	1.23	1.14	1.17	1.09	0.71	0.67	0.79
Sc ppm	27.70	9.40	21.90	24.20	17.30	15.70	18.20	20.60	21.70	24.20	29.80	25.20	31.80	26.60
Se ppm	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00	2.00	2.00	2.00
Sn ppm	2.10	0.70	1.90	2.20	2.20	2.00	2.80	3.60	2.00	1.20	2.70	2.60	2.70	2.50
Sr ppm	64.10	51.10	82.40	71.50	96.60	120.00	113.50	98.60	128.00	117.00	53.30	38.20	35.10	45.30
Ta ppm	0.56	0.29	0.86	1.04	0.80	0.84	1.04	1.20	0.74	0.51	0.92	0.84	0.90	0.93
Te ppm	0.17	0.08	0.09	0.12	0.07	0.08	0.08	0.11	0.14	0.14	0.12	0.10	0.13	0.21
Th ppm	11.80	3.30	10.50	11.60	9.70	10.50	13.30	14.40	9.50	4.50	11.40	9.70	10.80	14.10
Ti %	0.39	0.23	0.54	0.64	0.49	0.49	0.52	0.54	0.48	0.65	0.68	0.72	0.64	0.56
Tl ppm	0.45	0.14	0.28	0.30	0.22	0.27	0.29	0.20	0.21	0.31	0.22	0.14	0.19	0.32
U ppm	7.40	1.40	3.90	4.20	3.30	4.00	6.10	5.10	4.50	2.40	6.60	9.80	6.20	5.30
V ppm	213.0	73.00	189.00	212.00	168.00	154.00	160.00	173.00	195.00	261.00	312.00	374.00	296.00	216.00
W ppm	1.70	0.80	2.10	2.50	2.60	2.70	3.10	4.10	3.90	3.30	3.60	5.60	3.60	2.70
Y ppm	32.20	7.00	28.60	30.20	17.40	20.60	27.40	29.00	19.70	16.20	41.00	38.30	41.30	35.20
Zn ppm	89.00	26.00	85.00	92.00	111.00	106.00	115.00	120.00	128.00	179.00	169.00	112.00	101.00	112.00
Zr ppm	77.10	29.50	70.00	74.90	59.90	66.00	75.70	70.80	60.20	38.20	61.40	52.80	59.90	82.50
Au ppm	0.01	0.00	0.00	0.02	0.01	0.01	0.02	0.16	0.03	0.02	0.01	0.02	0.01	0.01
Sample	432	433	434	435	436	437	438	439	440	441	442	443	444	445
Ag ppm	0.14	0.13	0.03	0.06	0.09	0.13	0.15	0.10	0.17	0.07	0.09	0.06	0.05	0.06
Al %	7.49	2.66	6.63	7.39	6.29	6.06	7.20	6.87	7.12	7.43	7.68	7.86	7.63	7.69
As ppm	9.90	2.80	7.00	8.80	11.80	12.60	15.20	13.20	10.80	14.80	19.70	12.80	12.80	6.10
Ba ppm	780.0	200.00	650.00	540.00	340.00	440.00	450.00	370.00	310.00	340.00	230.00	130.00	190.00	920.00

Sample	446	447	448	449	450	451	452	453	454	455	456	457	458	459
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Ag ppm	0.06	0.02	0.08	0.16	0.05	0.03	0.01	0.10	0.05	0.05	0.06	0.07	0.09	0.16
Al %	6.95	7.06	8.01	6.45	7.36	6.70	6.49	4.19	6.50	7.73	7.57	5.25	6.93	6.10
As ppm	4.50	3.50	7.90	7.70	4.30	3.00	2.60	4.50	3.90	10.10	9.30	5.30	8.40	6.10
Ba ppm	1510.00	1800.00	2820.00		1360.00	1150.00								
Be ppm	2.23	2.35	1.95	2.53	2.26	1.91	1.93	1.78	2.00	3.03	2.84	1.45	2.25	1.50
Bi ppm	1.26	0.27	0.77	0.49	0.21	0.16	0.17	0.16	0.18	0.40	0.39	0.18	0.25	0.31
Ca %	1.12	0.65	1.25	1.28	1.14	1.05	1.25	2.46	1.32	1.20	1.18	1.63	1.16	1.03
Cd ppm	0.22	0.11	0.17	0.15	0.16	0.10	0.16	0.19	0.13	0.15	0.14	0.30	0.20	0.08
Ce ppm	98.90	97.70	68.70	72.80	98.30	95.60	86.60	47.80	77.20	89.60	84.30	54.60	88.70	59.40
Co ppm	30.40	21.70	58.90	42.40	26.40	20.30	16.20	29.30	26.90	53.50	55.80	33.80	23.90	27.30
Cr ppm	64.00	55.00	73.00	61.00	88.00	85.00	76.00	42.00	54.00	71.00	69.00	55.00	76.00	71.00
Cs ppm	8.37	7.12	7.60	7.91	8.37	5.25	5.76	8.22	7.25	12.75	13.10	9.01	7.57	9.19
Cu ppm	164.00													
Fe %	5.49	4.16	8.68	8.02	5.31	4.44	3.77	3.93	4.17	7.88	7.63	5.04	4.13	4.88
Ga ppm	18.60	18.50	19.95	19.00	18.75	16.50	16.15	12.55	16.45	22.10	21.30	13.60	19.65	19.20
Ge ppm	0.22	0.20	0.21	0.19	0.20	0.20	0.18	0.16	0.18	0.24	0.20	0.17	0.25	0.19
Hf ppm	2.20	2.50	1.60	1.60	2.30	2.30	2.00	1.10	2.00	1.90	1.80	1.40	2.80	1.90
In ppm	0.12	0.08	0.15	0.23	0.11	0.08	0.10	0.09	0.10	0.17	0.17	0.07	0.09	0.09
K %	1.98	2.23	1.63	0.90	1.83	1.82	1.27	0.82	1.81	1.50	1.51	1.02	1.78	1.27
La ppm	52.80	53.00	35.10	39.10	53.40	50.70	47.10	26.90	41.20	49.00	45.40	28.70	50.50	32.70
Li ppm	28.70	34.10	52.10	35.90	28.70	22.30	18.10	21.80	22.10	40.20	40.10	24.30	26.40	17.90
Mg %	2.32	1.89	4.53	3.12	2.02	1.51	1.27	1.99	1.56	3.29	3.24	2.10	1.76	1.64
Mn ppm	6290.00	4830.00	5460.00	4080.00	5940.00	3930.00	2940.00	2980.00	4300.00					
Mo ppm	4.42	1.75	2.24	2.99	2.26	2.08	1.66	1.86	1.76	2.97	2.90	1.66	2.10	2.55
Na %	1.01	1.07	1.63	1.63	1.51	1.60	1.91	0.74	1.26	1.58	1.51	1.00	1.57	1.65
Nb ppm	5.40	5.70	5.10	6.30	5.50	4.90	5.50	3.60	4.50	6.50	6.20	4.90	7.70	6.30
Ni ppm	48.10	36.70	80.00	52.10	57.10	47.10	39.20	42.30	36.10	69.00	69.40	54.50	49.60	41.70
P ppm	1480.00	1100.00		1180.00	1350.00	1220.00	1530.00	1460.00	1210.00					
Pb ppm	13.90	7.40	28.80	358.00	14.90	8.30	9.10	16.40	912.00	9.40	9.50	7.00	11.50	7.70
Rb ppm	120.00													
Re ppm	0.00	134.50	70.60	46.80	106.50	108.50	79.80	57.80	104.00	99.40	98.40	66.40	107.50	81.20
S %	2.00	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Sb ppm	0.07	0.05	0.08	0.10	0.08	0.07	0.12	0.19	0.11	0.04	0.04	0.14	0.09	0.13
Sc ppm	0.65	0.61	0.99	0.86	0.58	0.45	0.42	0.50	0.52	1.05	1.03	0.60	0.76	0.75
Se ppm	21.00	16.40	27.90	40.10	23.50	15.10	17.10	21.70	21.00	29.70	29.30	18.40	22.10	19.80
Sn ppm	3.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00	2.00
Sr ppm	2.00	2.60	1.70	1.80	2.20	2.00	1.90	1.20	2.00	2.20	2.10	1.20	2.30	1.70
Ta ppm	78.60	63.20	75.50	60.20	113.50	105.00	112.50	115.50	104.00	106.50	104.00	98.90	124.50	116.00
Te ppm	0.42	0.47	0.41	0.51	0.46	0.41	0.42	0.27	0.35	0.52	0.50	0.38	0.61	0.47
Th ppm	0.15	0.10	0.10	0.10	0.07	0.08	0.07	0.06	0.06	0.08	0.08	0.05	0.09	0.09
Ti %	13.70	16.60	9.80	8.70	16.40	15.50	13.50	7.10	14.10	11.40	10.90	8.30	17.80	9.10
Tl ppm	0.31	0.27	0.43	0.46	0.31	0.26	0.28	0.24	0.26	0.45	0.42	0.38	0.34	0.43
U ppm	0.45	0.46	0.33	0.25	0.47	0.41	0.35	0.30	0.43	0.50	0.50	0.38	0.45	0.43
V ppm	9.40	6.30	3.90	3.90	6.40	4.30	4.20	4.10	5.20	4.00	3.80	2.70	5.10	3.00
W ppm	131.00													
X ppm	0.00	92.00	224.00	252.00	124.00	88.00	90.00	117.00	98.00	216.00	204.00	140.00	110.00	174.00
Y ppm	1.80	1.80	2.30	2.20	1.90	1.70	1.60	1.10	1.60	2.30	2.30	1.70	2.70	2.20
Zn ppm	37.50	33.00	30.00	40.10	41.70	31.60	27.90	27.10	28.90	35.40	33.00	20.30	39.30	15.80
Zr ppm	78.00	48.00	146.00	104.00	66.00	41.00	44.00	57.00	33.00	107.00	107.00	62.00	50.00	55.00
Au ppm	71.00	80.20	48.20	50.40	74.40	70.90	68.40	36.30	62.20	59.40	55.30	41.40	87.30	57.30
Sample	0.00	0.00	0.00	0.01	0.00	0.00	<0.001	0.00	0.00	0.01	0.01	0.00	0.00	0.01
Ag ppm	446	447	448	449	450	451	452	453	454	455	456	457	458	459
Al %	0.06	0.02	0.08	0.16	0.05	0.03	0.01	0.10	0.05	0.05	0.06	0.07	0.09	0.16
As ppm	6.95	7.06	8.01	6.45	7.36	6.70	6.49	4.19	6.50	7.73	7.57	5.25	6.93	6.10
Ba ppm	4.50	3.50	7.90	7.70	4.30	3.00	2.60	4.50	3.90	10.10	9.30	5.30	8.40	6.10
Ba ppm	1510.00	1800.00	2820.00		1360.00	1150.00								
Be ppm	2.23	2.35	1.95	2.53	2.26	1.91	1.93	1.78	2.00	3.03	2.84	1.45	2.25	1.50
Bi ppm	1.26	0.27	0.77	0.49	0.21	0.16	0.17	0.16	0.18	0.40	0.39	0.18	0.25	0.31
Ca %	1.12	0.65	1.25	1.28	1.14	1.05	1.25	2.46	1.32	1.20	1.18	1.63	1.16	1.03
Cd ppm	0.22	0.11	0.17	0.15	0.16	0.10	0.16	0.19	0.13	0.15	0.14	0.30	0.20	0.08
Ce ppm	98.90	97.70	68.70	72.80	98.30	95.60	86.60	47.80	77.20	89.60	84.30	54.60	88.70	59.40
Co ppm	30.40	21.70	58.90	42.40	26.40	20.30	16.20	29.30	26.90	53.50	55.80	33.80	23.90	27.30
Cr ppm	64.00	55.00	73.00	61.00	88.00	85.00	76.00	42.00	54.00	71.00	69.00	55.00	76.00	71.00
Cs ppm	8.37	7.12	7.60	7.91	8.37	5.25	5.76	8.22	7.25	12.75	13.10	9.01	7.57	9.19
Cu ppm	164.00													
Fe %	5.49	4.16	8.68	8.02	5.31	4.44	3.77	3.93	4.17	7.88	7.63	5.04	4.13	4.88
Ga ppm	18.60	18.50	19.95	19.00	18.75	16.50	16.15	12.55	16.45	22.10	21.30	13.60	19.65	19.20
Ge ppm	0.22	0.20	0.21	0.19	0.20	0.20	0.18	0.16	0.18	0.24	0.20	0.17	0.25	0.19
Hf ppm	2.20	2.50	1.60	1.60	2.30	2.30	2.00	1.10	2.00	1.90	1.80	1.40	2.80	1.90
In ppm	0.12	0.08	0.15	0.23	0.11	0.08	0.10	0.09	0.10	0.17	0.17	0.07	0.09	0.09
K %	1.98	2.23	1.63	0.90	1.83	1.82	1.27	0.82	1.81	1.50	1.51	1.02	1.78	1.27
La ppm	52.80	53.00	35.10	39.10	53.40	50.70	47.10	26.90	41.20	49.00	45.40	28.70	50.50	32.70
Li ppm	28.70	34.10	52.10	35.90	28.70	22.30	18.10	21.80	22.10	40.20	40.10	24.30	26.40	17.90
Mg %	2.32	1.89	4.53	3.12	2.02	1.51	1.27	1.99	1.56	3.29	3.24	2.10	1.76	1.64
Mn ppm	6290.00	4830.00	5460.00	4080.00	5940.00	3930.00	2940.00	2980.00	4300.00					
Mo ppm	4.42	1.75	2.24	2.99	2.26	2.08	1.66	1.86	1.76	2.97	2.90	1.66	2.10	2.55
Na %	1.01	1.07	1.63	1.63	1.51	1.60	1.91	0.74	1.26	1.58	1.51	1.00	1.57	1.65
Nb ppm	5.40	5.70	5.10	6.30	5.50	4.90	5.50	3.60	4.50	6.50	6.20	4.90	7.70	6.30
Ni ppm	48.10	36.70	80.00	52.10	57.10	47.10	39.20	42.30	36.10	69.00	69.40	54.50	49.60	41.70
P ppm	1480.00	1100.00		1180.00	1350.00	1220.00	1530.00	1460.00	1210.00					
Pb ppm	13.90	7.40	28.80	358.00	14.90	8.30	9.10	16.40	912.00	9.40	9.50	7.00	11.50	7.70
Rb ppm	120.00													
Re ppm	0.00	134.50	70.60	46.80	106.50	108.50	79.80	57.80	104.00	99.40	98.40	66.40	107.50	81.20
S %	2.00	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Sb ppm	0.07	0.05	0.08	0.10	0.08	0.07	0.12	0.19	0.11	0.04	0.04	0.14	0.09	0.13
Sc ppm	0.65	0.61	0.99	0.86	0.58	0.45	0.42	0.50	0.52	1.05	1.03	0.60	0.76	0.75
Se ppm	21.00	16.40	27.90	40.10	23.50	15.10	17.10	21.70	21.00	29.70	29.30	18.40	22.10	19.80
Sn ppm	3.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00	2.00
Sr ppm	2.00	2.60	1.70	1.80	2.20	2.00	1.90	1.20	2.00	2.20	2.10	1.20	2.	

As ppm	3.10	3.50	2.50	4.30	2.70	4.50	4.40	6.20	3.90	3.50	4.90	6.70	7.90	4.20
Ba ppm	740.0													
	0	620.00	400.00	790.00	810.00	700.00	550.00	550.00	810.00	950.00	1140.00	2060.00	7190.00	2780.00
Be ppm	1.73	1.47	1.10	2.08	2.19	1.73	1.85	1.52	2.05	2.11	2.22	1.75	2.12	2.51
Bi ppm	0.22	0.13	0.12	0.18	0.18	0.15	0.19	0.18	0.12	0.18	0.22	1.11	0.62	0.15
Ca %	1.07	0.99	1.34	0.94	0.88	1.20	0.79	1.23	0.82	1.53	3.53	4.63	2.57	0.83
Cd ppm	0.15	0.16	0.29	0.11	0.17	0.24	0.10	0.18	0.17	0.22	0.20	0.23	0.22	0.10
Ce ppm	104.0													
	0	81.50	59.90	98.10	109.50	81.20	104.50	83.50	93.80	89.40	166.50	219.00	220.00	130.50
Co ppm	12.40	15.50	9.80	17.50	15.30	16.00	17.90	17.70	14.80	16.20	20.40	21.20	42.50	17.70
Cr ppm	68.00	62.00	36.00	90.00	68.00	65.00	81.00	59.00	55.00	57.00	48.00	45.00	49.00	63.00
Cs ppm	3.90	3.17	2.84	4.61	4.41	3.91	2.91	2.98	4.48	5.18	4.41	5.01	8.07	5.15
Cu ppm	23.10	55.90	33.80	53.60	65.10	47.60	63.80	44.70	49.30	76.80	37.40	892.00	949.00	41.50
Fe %	2.71	2.92	2.62	3.41	3.16	3.64	4.23	3.70	3.53	3.29	4.27	4.93	6.42	3.72
Ga ppm	17.45	14.30	10.90	16.70	17.55	16.30	17.30	15.35	16.80	15.55	16.15	14.55	16.45	19.45
Ge ppm	0.22	0.19	0.18	0.25	0.24	0.25	0.27	0.23	0.24	0.23	0.20	0.23	0.28	0.16
Hf ppm	2.60	2.20	1.30	2.50	2.50	2.10	2.30	2.10	2.40	2.20	2.80	2.90	3.20	3.50
In ppm	0.06	0.04	0.03	0.06	0.07	0.06	0.06	0.05	0.05	0.06	0.07	0.09	0.10	0.08
K %	1.67	1.26	0.84	1.51	1.72	1.37	1.34	1.09	1.79	1.96	2.15	1.98	2.31	2.15
La ppm	54.20	44.30	29.40	49.20	53.40	43.20	51.00	42.70	46.70	44.00	86.00	111.00	113.50	66.90
Li ppm	16.50	15.20	10.40	22.80	25.10	22.40	25.60	21.10	30.60	31.50	27.40	28.50	40.50	33.30
Mg %	1.03	1.20	0.58	1.27	1.43	1.29	1.79	1.34	1.21	1.16	1.44	1.35	1.16	0.58
Mn ppm	3880.	2200.0	1510.0	2850.0		2490.0	1315.0	1610.0	1525.0					
	00	0	0	0	999.00	0	0	0	0	2430.00	9290.00	17950.00	17800.00	7990.00
Mo ppm	1.81	1.47	1.01	1.68	1.32	1.47	1.47	1.31	1.40	1.63	1.20	3.94	4.96	1.29
Na %	1.94	1.99	1.66	1.64	1.95	1.73	2.00	2.07	1.88	1.24	0.95	0.63	0.74	1.02
Nb ppm	6.70	6.10	4.30	6.70	6.40	5.70	6.90	6.80	5.00	5.40	5.60	5.30	4.30	5.70
Ni ppm	35.40	37.80	17.10	46.90	40.30	34.90	46.40	36.60	31.30	31.30	38.80	33.40	37.00	24.70
P ppm	1260.	1110.0	1290.0	1040.0	1320.0	1120.0	1300.0		1180.0					
	00	0	0	0	0	0	0	980.00	0	1200.00	1200.00	1340.00	1380.00	1370.00
Pb ppm	6.60	5.20	4.30	6.80	6.30	5.80	5.70	6.20	5.10	6.00	9.80	15.50	16.50	7.20
Rb ppm	102.5													
	0	78.10	51.20	85.80	99.30	84.10	78.10	63.30	101.50	113.50	124.50	103.00	122.50	158.00
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.08	0.07	0.17	0.08	0.04	0.07	0.03	0.07	0.04	0.09	0.07	0.08	0.16	0.08
Sb ppm	0.51	0.61	0.34	0.55	0.52	0.48	0.53	0.55	0.44	0.53	0.74	0.88	1.08	0.68
Sc ppm	14.40	11.20	9.20	15.60	17.10	15.90	15.50	15.40	13.40	13.30	13.30	13.50	16.00	14.00
Se ppm	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	3.00	2.00	3.00	3.00	2.00
Sn ppm	2.10	1.80	1.40	2.00	2.10	2.00	2.00	1.80	2.10	2.10	2.10	1.70	2.00	2.50
Sr ppm	116.0													
	0	113.50	80.60	131.00	155.00	142.00	123.50	126.00	144.00	166.50	120.00	306.00	511.00	103.50
Ta ppm	0.54	0.50	0.35	0.52	0.51	0.46	0.56	0.54	0.39	0.43	0.42	0.41	0.30	0.40
Te ppm	0.11	<0.05	<0.05	0.08	0.08	0.06	0.07	0.05	0.07	0.10	0.12	0.17	0.10	<0.05
Th ppm	17.20	13.90	10.10	16.20	17.60	16.20	16.00	14.10	17.60	15.80	19.30	19.60	29.00	18.10
Ti %	0.26	0.25	0.19	0.30	0.29	0.27	0.31	0.31	0.25	0.26	0.24	0.24	0.19	0.21
Tl ppm	0.39	0.31	0.24	0.42	0.43	0.40	0.30	0.29	0.48	0.53	0.37	0.36	0.54	0.70
U ppm	5.30	4.30	2.20	8.20	5.40	4.80	5.40	4.70	3.70	4.30	6.10	6.40	7.90	6.00
V ppm	73.00	65.00	59.00	87.00	86.00	86.00	105.00	97.00	72.00	76.00	66.00	61.00	63.00	76.00
W ppm	3.50	1.70	1.00	1.70	1.60	1.30	1.90	1.20	1.40	1.40	1.90	1.70	1.70	1.90
Y ppm	27.20	20.80	9.60	27.20	30.90	24.70	27.50	19.50	23.70	25.50	41.30	56.80	66.20	33.00
Zn ppm	27.00	26.00	37.00	31.00	37.00	35.00	37.00	38.00	27.00	35.00	58.00	68.00	85.00	26.00
Zr ppm	80.20	67.50	44.70	84.90	84.00	68.50	75.30	66.50	77.60	73.10	88.50	89.30	111.50	106.50
Au ppm	0.00	0.02	<0.001	0.00	<0.001	0.00	<0.001	0.00	<0.001	0.01	<0.001	0.00	0.00	0.00
Sample	460	461	462	463	464	465	466	912	913	914	971	972	973	974
Ag ppm	0.03	0.05	0.05	0.05	0.04	0.04	0.05	0.06	0.03	0.05	0.05	0.10	0.09	0.04
Al %	6.62	5.75	4.32	6.55	7.15	6.18	6.59	5.98	6.76	6.18	6.10	5.25	5.81	6.83
As ppm	3.10	3.50	2.50	4.30	2.70	4.50	4.40	6.20	3.90	3.50	4.90	6.70	7.90	4.20
Ba ppm	740.0													
	0	620.00	400.00	790.00	810.00	700.00	550.00	550.00	810.00	950.00	1140.00	2060.00	7190.00	2780.00

Sample	1601	1602	1603	1604	1605	1606	1607	1608	1609	1610	1611	1612	1613	1614
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Ag ppm	0.19	0.08	0.12	0.23	0.22	0.41	0.41	0.97	1.16	0.26	0.51	0.55	0.69	1.25
Al %	6.46	6.35	5.94	6.25	4.58	5.60	5.04	4.86	5.26	5.24	5.81	5.90	5.68	6.40
As ppm	16.60	15.40	12.10	14.30	8.00	87.10	99.00	372.00	350.00	44.70	44.00	127.00	93.60	284.00
Ba ppm	580.0													
	0	640.00	710.00	600.00	420.00	690.00	570.00	640.00	740.00	620.00	770.00	800.00	710.00	630.00
Be ppm	1.57	1.45	1.41	1.62	1.19	1.69	1.65	2.82	3.84	1.26	2.34	2.22	2.10	2.37
Bi ppm	0.32	0.31	0.26	0.40	0.29	0.71	0.94	3.26	4.12	1.02	1.32	5.17	4.35	13.45
Ca %	0.88	0.94	1.40	1.09	2.21	1.34	1.65	0.50	0.69	0.55	0.80	0.63	0.62	0.36
Cd ppm	0.33	0.12	0.28	0.11	0.47	0.48	0.35	2.62	3.57	0.15	0.46	0.30	0.38	0.43
Ce ppm	53.20	67.70	68.90	64.70	52.60	62.00	55.00	119.00	92.20	72.20	87.00	87.00	84.70	99.80
Co ppm	32.70	33.80	32.10	37.90	26.30	21.90	22.10	72.30	66.40	11.80	33.30	30.10	27.90	32.90
Cr ppm	88.00	76.00	70.00	82.00	48.00	63.00	57.00	54.00	52.00	62.00	64.00	64.00	61.00	69.00
Cs ppm	6.22	5.19	4.25	6.41	2.90	4.87	4.32	4.35	4.88	4.07	3.85	5.60	5.12	11.70
Cu ppm	111.5													
	0	341.00	174.50	311.00	89.20	134.50	181.50	716.00	488.00	146.00	232.00	184.00	99.10	144.50
Fe %	6.02	5.03	4.55	5.71	4.14	5.11	5.48	16.10	14.05	4.43	4.51	9.06	6.67	13.55
Ga ppm	17.60	16.90	15.35	18.00	11.30	13.65	11.05	11.95	12.25	13.65	12.70	14.65	13.95	16.10
Ge ppm	0.14	0.13	0.13	0.21	0.16	0.21	0.17	0.43	0.40	0.18	0.22	0.27	0.24	0.32
Hf ppm	2.10	2.40	2.10	2.10	1.50	2.20	1.80	2.00	1.80	2.40	2.50	2.70	2.70	2.70
In ppm	0.08	0.07	0.06	0.08	0.06	0.09	0.10	0.30	0.23	0.06	0.06	0.08	0.06	0.10
K %	1.13	1.21	1.14	1.09	1.19	1.29	1.12	0.99	0.98	1.17	1.34	1.41	1.47	1.47
La ppm	26.70	34.40	34.80	36.90	29.80	37.70	33.50	75.80	70.90	39.20	46.20	47.30	44.70	53.80
Li ppm	58.10	34.70	31.60	40.20	20.30	26.80	20.00	21.20	25.60	21.90	23.70	26.10	24.70	28.70
Mg %	1.81	1.78	1.65	2.32	1.81	0.91	0.88	0.53	0.60	0.60	0.74	0.77	0.77	0.91
Mn ppm	919.0		1500.0	1710.0	2390.0	2320.0	2750.0	7620.0	15250.0					
	0	881.00	0	0	0	0	0	0	0	458.00	1025.00	672.00	914.00	1050.00
Mo ppm	2.65	1.91	1.67	2.46	1.66	6.53	7.40	6.53	5.05	2.89	3.00	5.47	5.30	8.59
Na %	1.26	1.43	1.62	1.43	1.36	0.85	0.77	0.77	0.63	0.84	1.06	0.96	0.92	0.66
Nb ppm	10.70	11.40	11.00	9.90	5.70	8.40	6.10	6.80	6.20	10.20	9.60	9.80	9.10	7.20
Ni ppm	54.20	48.30	49.20	65.50	36.80	41.50	35.10	164.00	178.50	30.50	65.40	79.00	63.70	63.80
P ppm	530.0			1000.0	1260.0	1280.0	1600.0	1060.0	1310.0					
	0	730.00	900.00	0	0	0	0	0	0	630.00	1020.00	1340.00	1090.00	2580.00
Pb ppm	25.20	19.00	19.00	25.40	11.30	37.10	37.70	117.00	120.50	39.80	64.50	74.30	71.60	128.50
Rb ppm	86.40	76.90	75.90	75.80	44.60	70.80	56.10	54.10	55.60	60.80	62.30	73.20	71.80	80.20
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.04	0.02	0.02	0.06	0.18	0.12	0.18	0.09	0.10	0.05	0.06	0.13	0.11	0.33
Sb ppm	1.00	1.18	1.10	0.99	0.71	1.84	1.55	3.38	2.60	1.95	2.31	5.39	4.40	13.30
Sc ppm	16.20	16.70	14.70	17.40	13.50	16.60	16.20	112.00	83.20	10.40	11.30	12.10	11.20	12.90
Se ppm	2.00	2.00	2.00	2.00	2.00	3.00	3.00	6.00	6.00	2.00	3.00	3.00	3.00	4.00
Sn ppm	1.60	1.70	1.70	1.60	1.30	1.40	1.00	1.00	1.00	1.40	1.30	1.40	1.40	1.40
Sr ppm	114.0													
	0	143.00	172.50	124.00	77.00	124.00	105.00	102.00	94.40	123.00	164.50	149.00	141.00	96.00
Ta ppm	0.70	0.75	0.74	0.66	0.43	0.56	0.43	0.46	0.42	0.69	0.69	0.69	0.65	0.49
Te ppm	0.07	0.06	0.06	0.06	0.07	0.15	0.12	0.16	0.18	0.09	0.13	0.20	0.19	0.27
Th ppm	7.90	9.70	9.40	9.90	7.50	11.10	9.40	12.20	12.80	11.80	13.90	28.40	17.20	32.00
Ti %	0.48	0.44	0.41	0.46	0.32	0.32	0.27	0.25	0.22	0.36	0.35	0.34	0.33	0.27
Tl ppm	0.40	0.41	0.38	0.44	0.29	0.54	0.44	0.75	0.97	0.51	0.68	0.64	0.64	0.88
U ppm	2.10	2.90	2.90	3.60	2.80	8.30	8.00	5.70	7.00	2.80	4.20	4.80	4.20	4.70
V ppm	165.0													
	0	143.00	127.00	154.00	96.00	99.00	90.00	127.00	115.00	101.00	96.00	96.00	89.00	89.00
W ppm	1.60	2.00	1.80	1.90	1.30	1.10	0.90	0.90	0.80	1.10	1.00	1.00	1.00	0.80
Y ppm	12.40	18.40	20.50	21.40	14.60	26.30	26.80	94.10	75.50	13.10	18.40	20.20	20.80	18.20
Zn ppm	86.00	86.00	91.00	109.00	97.00	178.00	151.00	665.00	807.00	78.00	210.00	117.00	134.00	137.00
Zr ppm	68.30	73.60	67.90	65.30	40.10	68.60	57.00	61.00	56.00	76.30	77.80	84.80	82.70	90.60
Au ppm	0.00	0.01	0.01	0.01	<0.001	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.02
Sample	1601	1602	1603	1604	1605	1606	1607	1608	1609	1610	1611	1612	1613	1614
Ag ppm	0.19	0.08	0.12	0.23	0.22	0.41	0.41	0.97	1.16	0.26	0.51	0.55	0.69	1.25
Al %	6.46	6.35	5.94	6.25	4.58	5.60	5.04	4.86	5.26	5.24	5.81	5.90	5.68	6.40
As ppm	16.60	15.40	12.10	14.30	8.00	87.10	99.00	372.00	350.00	44.70	44.00	127.00	93.60	284.00
Ba ppm	580.0													
	0	640.00	710.00	600.00	420.00	690.00	570.00	640.00	740.00	620.00	770.00	800.00	710.00	630.00

Sample	1615	1616	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628
Ag ppm	0.53	0.32	0.63	0.51	0.61	0.83	0.60	0.55	0.32	1.35	1.13	0.81	0.42	0.75
Al %	5.88	5.43	6.37	6.00	6.00	7.18	6.63	5.82	6.23	5.23	7.23	7.22	5.44	5.97
As ppm	82.60	154.00	176.50	106.00	105.50	101.00	64.40	67.50	32.70	155.50	69.30	53.70	72.30	43.20
Ba ppm	650.0													
	0	650.00	640.00	670.00	640.00	620.00	600.00	650.00	730.00	470.00	660.00	660.00	620.00	710.00
Be ppm	1.77	1.75	2.91	2.26	2.34	3.03	2.73	1.97	2.43	2.69	3.63	4.41	2.06	2.01
Bi ppm	6.27	6.31	5.34	7.40	7.87	6.98	2.71	3.81	1.17	9.94	2.75	1.64	4.58	2.14
Ca %	0.66	0.67	0.99	0.88	0.77	0.30	0.38	0.51	0.65	0.37	0.23	0.50	0.57	0.53
Cd ppm	0.35	0.51	0.68	0.51	0.46	0.27	0.33	0.19	0.28	0.24	0.71	2.05	0.30	0.34
Ce ppm	92.60	82.20	107.50	101.00	111.00	112.50	101.50	71.00	108.50	88.30	141.00	139.00	83.60	66.00
Co ppm	34.50	58.30	94.50	39.10	34.20	35.30	32.50	17.30	36.90	32.00	90.30	165.00	15.70	17.70
Cr ppm	68.00	65.00	72.00	66.00	67.00	68.00	66.00	61.00	60.00	60.00	67.00	65.00	66.00	70.00
Cs ppm	5.86	4.93	5.27	6.31	6.54	10.50	9.39	5.73	5.20	10.95	9.89	9.58	5.17	6.04
Cu ppm	93.80	93.80	188.00	101.50	105.00	165.50	92.00	97.70	106.00	286.00	165.50	149.50	77.90	61.00
Fe %	7.69	6.99	7.96	7.89	8.34	11.05	7.56	9.49	4.42	20.80	8.07	6.67	6.45	5.16
Ga ppm	14.40	13.45	12.95	15.05	15.60	17.15	16.15	13.45	14.15	14.10	17.10	16.60	13.20	14.55
Ge ppm	0.21	0.20	0.25	0.24	0.25	0.32	0.27	0.25	0.25	0.41	0.34	0.32	0.23	0.20
Hf ppm	2.60	2.30	2.50	3.10	3.00	3.50	3.70	2.50	3.10	2.30	3.60	3.60	2.60	2.70
In ppm	0.07	0.08	0.11	0.09	0.09	0.12	0.10	0.09	0.06	0.14	0.09	0.09	0.07	0.07
K %	1.30	1.13	1.05	1.36	1.41	1.64	1.54	1.23	1.51	1.19	2.30	2.21	1.21	1.34
La ppm	48.90	43.70	57.00	53.30	58.60	61.70	51.80	37.60	57.50	47.50	71.10	73.10	43.90	35.40
Li ppm	30.80	31.30	37.60	29.20	31.10	35.50	31.90	23.50	35.90	24.60	40.20	40.00	22.90	27.40
Mg %	0.72	0.77	0.85	0.74	0.72	0.77	0.77	0.64	0.80	0.57	1.06	1.15	0.62	0.71
Mn ppm	842.0	1865.0	3390.0	1340.0	1040.0		1595.0							
	0	0	0	0	0	903.00	0	488.00	742.00	609.00	2490.00	4780.00	630.00	835.00
Mo ppm	4.59	4.71	4.42	5.69	6.68	7.77	5.93	8.90	3.26	14.95	6.66	6.41	4.41	3.37
Na %	0.90	0.78	0.92	0.85	0.77	0.59	0.69	0.90	0.93	0.44	0.54	0.57	0.84	0.81
Nb ppm	9.80	9.10	9.60	10.70	10.80	10.50	11.40	8.90	11.60	5.90	7.70	8.80	9.80	10.30
Ni ppm	73.10	72.90	168.50	71.30	65.90	53.20	46.20	33.30	74.90	54.70	163.00	344.00	33.90	35.00
P ppm	1370.	1360.0	1610.0	1600.0	1690.0	2200.0	2110.0	1460.0						
	00	0	0	0	0	0	0	0	960.00	2810.00	1300.00	1410.00	1400.00	1330.00
Pb ppm	54.60	56.70	65.50	63.20	66.90	100.50	60.90	69.90	44.00	180.00	121.00	119.50	69.40	75.70
Rb ppm	68.60	64.90	53.90	75.60	80.20	101.00	94.10	67.50	79.60	75.50	128.50	124.00	65.70	73.40
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.11	0.10	0.11	0.13	0.14	0.26	0.17	0.16	0.09	0.23	0.35	0.25	0.13	0.10
Sb ppm	6.08	4.48	5.80	7.47	8.33	9.90	6.09	7.55	2.70	17.65	4.86	3.83	4.02	2.48
Sc ppm	11.20	13.40	21.40	13.50	12.80	12.90	13.00	11.00	12.30	10.70	13.10	12.80	10.10	11.50
Se ppm	3.00	3.00	4.00	4.00	4.00	5.00	4.00	4.00	3.00	6.00	4.00	5.00	3.00	3.00
Sn ppm	1.60	1.50	1.40	1.80	1.90	1.90	1.80	1.50	1.60	1.40	1.80	1.80	1.40	1.50
Sr ppm	130.5													
	0	120.00	149.00	131.50	122.50	94.60	101.00	139.00	151.00	73.50	55.20	63.30	126.50	123.00
Ta ppm	0.71	0.65	0.70	0.81	0.82	0.76	0.80	0.62	0.85	0.41	0.53	0.58	0.69	0.73
Te ppm	0.18	0.18	0.16	0.25	0.29	0.35	0.27	0.26	0.11	0.44	0.22	0.18	0.20	0.13
Th ppm	16.40	17.40	21.40	23.00	24.40	34.90	26.40	31.20	18.40	47.90	23.00	20.40	20.50	15.40
Ti %	0.33	0.30	0.33	0.33	0.32	0.32	0.34	0.30	0.38	0.19	0.26	0.26	0.35	0.37
Tl ppm	1.08	0.69	0.62	0.65	0.68	0.86	1.45	1.89	0.80	2.43	1.28	1.09	0.58	1.11
U ppm	4.10	4.40	8.80	6.80	7.30	7.10	7.50	4.40	6.20	6.70	8.60	10.20	3.80	4.30
V ppm	100.0													
	0	96.00	98.00	91.00	89.00	87.00	88.00	90.00	92.00	69.00	78.00	73.00	96.00	108.00
W ppm	1.10	1.10	1.50	1.40	1.30	1.30	1.40	1.20	1.20	0.80	1.20	1.20	1.00	1.20
Y ppm	16.20	19.90	33.70	23.10	22.70	22.80	25.00	17.40	22.90	22.40	72.80	119.50	15.40	15.30
Zn ppm	110.0													
	0	127.00	192.00	140.00	126.00	145.00	117.00	86.00	126.00	146.00	371.00	735.00	109.00	147.00
Zr ppm	87.50	80.90	85.60	104.00	102.00	111.50	118.00	79.10	94.30	77.40	120.00	113.00	83.90	82.80
Au ppm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.02	0.00	0.00	0.01	0.01
Sample	1615	1616	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628
Ag ppm	0.53	0.32	0.63	0.51	0.61	0.83	0.60	0.55	0.32	1.35	1.13	0.81	0.42	0.75
Al %	5.88	5.43	6.37	6.00	6.00	7.18	6.63	5.82	6.23	5.23	7.23	7.22	5.44	5.97
As ppm	82.60	154.00	176.50	106.00	105.50	101.00	64.40	67.50	32.70	155.50	69.30	53.70	72.30	43.20
Ba ppm	650.0													
	0	650.00	640.00	670.00	640.00	620.00	600.00	650.00	730.00	470.00	660.00	660.00	620.00	710.00

Sample	1628	1629	1630	1631	1632	1633	1634	1635	1636	1637	1638	1639	1640	1641
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Ag ppm	0.75	0.67	0.60	0.73	0.44	0.16	0.34	0.43	0.68	0.73	0.59	0.37	0.19	0.10
Al %	5.97	5.84	5.02	8.15	5.66	5.65	5.61	5.18	5.47	2.86	2.13	5.24	5.39	5.33
As ppm	43.20	168.50	83.80	9370.0	0	141.50	29.60	40.20	42.20	374.00	16.80	244.00	66.10	78.60
Ba ppm	710.0	0	980.00	690.00	770.00	570.00	640.00	710.00	580.00	630.00	260.00	390.00	630.00	730.00
Be ppm	2.01	3.48	2.12	18.15	1.99	1.49	1.74	1.16	2.63	0.82	0.84	1.52	1.63	1.36
Bi ppm	2.14	2.00	2.11	2.17	3.09	0.80	1.58	2.38	5.14	0.55	1.27	1.05	0.78	0.34
Ca %	0.53	0.86	1.12	0.96	0.53	0.33	0.78	0.37	0.65	0.30	1.80	1.22	0.81	0.53
Cd ppm	0.34	3.25	1.47	10.75	0.46	0.20	0.38	0.10	1.04	0.31	0.66	0.44	0.33	0.49
Ce ppm	66.00	94.30	71.80	117.50	93.60	79.00	83.40	75.30	83.30	39.70	49.80	84.80	72.80	140.00
Co ppm	17.70	54.80	42.30	468.00	73.40	9.10	24.80	5.20	37.60	5.20	101.50	59.30	27.80	19.00
Cr ppm	70.00	69.00	58.00	35.00	62.00	67.00	63.00	62.00	56.00	29.00	21.00	68.00	69.00	40.00
Cs ppm	6.04	3.91	5.26	1.97	4.47	6.32	3.13	5.47	5.60	2.75	2.65	4.23	4.04	5.17
Cu ppm	61.00	325.00	106.00	930.00	312.00	33.90	134.50	33.20	145.00	165.50	453.00	121.00	84.00	91.20
Fe %	5.16	8.46	7.65	11.45	6.65	4.62	3.95	3.98	6.18	2.35	28.70	6.16	5.22	3.76
Ga ppm	14.55	13.60	12.95	8.32	12.30	17.50	11.75	16.55	13.30	7.63	7.45	13.55	13.25	11.25
Ge ppm	0.20	0.30	0.25	0.40	0.23	0.21	0.22	0.19	0.24	0.13	0.61	0.25	0.21	0.25
Hf ppm	2.70	2.30	2.20	1.40	2.50	3.20	2.20	3.00	2.30	1.70	1.00	2.40	2.40	2.20
In ppm	0.07	0.13	0.14	0.17	0.10	0.06	0.06	0.05	0.09	0.06	0.38	0.09	0.08	0.11
K %	1.34	1.14	1.07	0.58	1.17	1.34	1.19	1.10	1.15	0.67	0.39	1.11	1.17	0.86
La ppm	35.40	55.40	37.60	60.20	44.90	42.30	43.30	40.30	46.60	21.30	27.40	49.10	38.90	69.80
Li ppm	27.40	31.00	21.20	18.00	23.20	32.00	23.80	17.20	22.40	7.20	7.70	25.90	26.90	17.10
Mg %	0.71	0.76	0.65	0.42	0.65	0.46	0.70	0.40	0.69	0.24	1.08	0.75	0.69	0.41
Mn ppm	835.0	10900.	8480.0	21400.	2150.0	0	664.00	818.00	203.00	0	802.00	35500.00	4180.00	2120.00
Mo ppm	3.37	2.81	3.01	2.62	4.38	3.79	2.43	4.08	3.77	2.47	4.81	9.63	4.69	1.29
Na %	0.81	0.93	0.73	0.53	0.82	0.63	1.07	0.72	0.83	0.55	0.38	0.91	0.92	2.03
Nb ppm	10.30	9.50	8.70	3.90	8.50	13.70	9.60	12.90	8.10	5.70	2.90	10.00	9.60	4.30
Ni ppm	35.00	196.00	44.00	482.00	68.70	18.90	49.80	13.00	51.40	12.20	94.40	59.50	33.60	27.50
P ppm	1330.	00	1350.0	0	1400.0	0	800.00	820.00	540.00	0	1370.00	710.00	1170.00	1000.00
Pb ppm	75.70	73.30	81.20	79.00	125.50	31.90	63.40	152.50	118.50	23.00	45.00	37.20	50.60	15.30
Rb ppm	73.40	57.70	56.30	26.90	57.60	76.20	55.60	58.80	64.90	33.80	24.20	62.00	63.00	45.80
Re ppm	<0.00	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.10	0.05	0.12	0.10	0.11	0.06	0.04	0.04	0.15	0.20	0.10	0.13	0.06	0.12
Sb ppm	2.48	2.17	1.82	2.34	3.33	1.99	2.17	2.40	2.29	1.11	1.74	1.57	1.67	0.48
Sc ppm	11.50	46.50	53.80	43.40	10.30	10.20	10.00	9.60	11.70	6.60	240.00	28.10	13.50	8.90
Se ppm	3.00	4.00	3.00	5.00	3.00	3.00	2.00	2.00	3.00	3.00	5.00	3.00	2.00	3.00
Sn ppm	1.50	1.30	1.30	0.50	1.20	2.10	1.30	1.90	1.30	0.80	0.40	1.40	1.40	1.00
Sr ppm	123.0	0	152.00	115.00	72.30	113.00	98.90	168.50	103.50	125.50	58.40	64.30	126.50	137.50
Ta ppm	0.73	0.64	0.61	0.32	0.60	1.00	0.69	0.90	0.57	0.40	0.20	0.68	0.66	0.32
Te ppm	0.13	0.11	0.12	0.66	0.17	0.13	0.10	0.14	0.12	0.07	0.09	0.14	0.11	0.05
Th ppm	15.40	13.40	11.40	8.90	18.40	11.40	13.30	11.20	12.30	6.20	5.10	12.10	11.10	18.60
Ti %	0.37	0.37	0.32	0.14	0.31	0.46	0.36	0.45	0.31	0.21	0.10	0.34	0.36	0.17
Tl ppm	1.11	0.75	1.18	0.61	0.67	0.77	0.58	0.95	0.86	0.27	0.31	0.52	0.50	0.34
U ppm	4.30	5.60	3.50	6.60	4.30	3.20	3.90	2.90	3.80	2.00	2.10	8.50	3.00	4.90
V ppm	108.0	0	116.00	113.00	67.00	86.00	141.00	96.00	129.00	97.00	52.00	115.00	110.00	105.00
W ppm	1.20	1.00	1.00	0.50	1.00	1.60	1.00	1.50	1.00	0.70	0.50	1.30	1.00	1.10
Y ppm	15.30	64.10	35.30	117.00	16.60	13.50	15.00	12.20	26.30	11.20	102.50	29.70	18.30	48.10
Zn ppm	147.0	0	681.00	212.00	0	186.00	98.00	202.00	62.00	250.00	44.00	149.00	153.00	204.00
Zr ppm	82.80	73.50	70.60	41.00	77.40	100.50	68.80	92.40	75.50	54.30	28.40	77.10	72.90	65.50
Au ppm	0.01	0.01	0.00	0.03	0.01	0.02	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.00
Sample	1628	1629	1630	1631	1632	1633	1634	1635	1636	1637	1638	1639	1640	1641
Ag ppm	0.75	0.67	0.60	0.73	0.44	0.16	0.34	0.43	0.68	0.73	0.59	0.37	0.19	0.10
Al %	5.97	5.84	5.02	8.15	5.66	5.65	5.61	5.18	5.47	2.86	2.13	5.24	5.39	5.33
As ppm	43.20	168.50	83.80	9370.0	0	141.50	29.60	40.20	42.20	374.00	16.80	244.00	66.10	78.60
Ba ppm	710.0	0	980.00	690.00	770.00	570.00	640.00	710.00	580.00	630.00	260.00	390.00	630.00	730.00

Sample	1642	1643	1644	1645	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655
Ag ppm	0.25	0.06	0.08	0.13	0.03	0.02	0.03	0.03	0.06	0.05	0.03	0.01	0.14	0.04
Al %	5.78	5.98	5.28	6.63	6.17	5.79	6.33	6.13	5.58	5.92	6.05	6.10	5.68	6.62
As ppm	24.60	25.30	9.20	9.40	5.90	3.00	3.70	2.20	5.40	6.30	5.20	7.40	12.50	3.90
Ba ppm	1060.00		4670.00	1980.00	1070.00	2930.00	1190.00	1260.00	3790.00					
Be ppm	0.00	940.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	980.00	820.00	880.00	1760.00	1280.00
Bi ppm	1.51	1.55	1.88	2.04	1.95	1.42	1.59	1.30	1.54	1.78	1.68	1.77	2.20	1.84
Ca %	3.84	2.38	0.16	0.39	0.18	0.14	0.18	0.23	0.47	3.09	0.18	0.22	1.04	0.17
Cd ppm	0.72	0.50	0.70	0.56	0.54	0.61	0.60	0.61	0.73	0.87	0.80	0.61	4.59	0.85
Ce ppm	0.28	0.18	0.25	0.28	0.18	0.14	0.14	0.18	0.16	0.32	0.21	0.13	0.23	0.16
Co ppm	166.50													
Cr ppm	0.00	100.50	97.20	111.50	110.50	89.50	93.10	89.30	104.50	108.00	98.10	120.50	232.00	117.50
Cs ppm	66.30	43.70	19.30	26.50	28.80	17.50	17.80	18.50	19.90	17.60	16.50	18.80	126.00	20.90
Cu ppm	48.00	58.00	53.00	47.00	57.00	40.00	49.00	48.00	49.00	57.00	53.00	69.00	654.00	58.00
Fe %	3.56	4.79	5.86	6.97	6.22	7.20	5.92	5.89	7.19	5.92	8.52	8.14	9.31	6.99
Ga ppm	77.30	50.00	146.00	182.50	18.00	45.60	13.40	48.70	29.60	321.00	24.20	13.00	410.00	12.80
Ge ppm	5.15	4.19	3.53	4.47	4.11	3.38	3.75	3.40	5.06	3.85	3.37	4.64	11.00	4.05
Hf ppm	13.85	12.70	13.05	16.50	16.35	13.25	14.55	14.45	12.45	13.85	13.95	15.90	22.90	15.40
In ppm	0.31	0.22	0.21	0.17	0.17	0.14	0.15	0.13	0.16	0.15	0.15	0.18	0.33	0.16
K %	3.00	2.80	2.60	2.80	2.80	2.20	2.30	2.00	2.10	2.50	2.10	2.80	7.80	2.50
La ppm	0.08	0.05	0.06	0.07	0.07	0.04	0.05	0.05	0.08	0.06	0.05	0.06	0.11	0.05
Li ppm	1.06	1.20	1.23	1.66	1.63	1.26	1.24	1.16	1.39	1.22	1.51	1.55	2.01	1.39
Mg %	87.90	47.80	50.40	57.50	55.80	44.90	45.20	41.00	52.30	55.60	48.20	55.80	116.00	61.80
Mn ppm	23.70	31.70	29.50	38.10	30.70	39.00	35.20	30.50	26.00	28.20	32.50	42.50	42.70	29.40
Mo ppm	0.89	0.89	0.93	1.00	0.96	1.37	1.18	1.17	0.87	0.93	1.02	1.18	4.53	0.89
Nb ppm	1510.00	6820.00	6210.00	9310.00	6070.00	7550.00	5780.00	9320.00	15950.00					
Na %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7680.00	4960.00	4240.00	18750.00	6960.00
Ni ppm	5.20	2.96	1.79	2.55	0.92	0.73	0.70	1.13	1.77	2.80	1.64	1.03	4.14	0.90
Pb ppm	2.01	1.58	1.19	1.28	1.33	1.39	1.65	1.51	1.40	1.23	1.40	1.04	0.55	2.09
P ppm	9.10	11.30	6.20	11.00	6.30	4.70	5.70	4.00	4.30	7.60	5.60	8.90	85.20	6.40
Rb ppm	32.90	29.80	29.80	28.40	33.50	27.40	30.00	25.20	29.20	27.10	28.90	30.20	386.00	34.80
S %	1110.00		1060.00	1440.00	1170.00	1240.00	1310.00	2010.00	1780.00					
Se ppm	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1660.00	1100.00	1110.00	3960.00	1380.00
Si ppm	21.60	21.00	15.60	49.60	12.40	6.50	7.20	7.90	13.20	12.50	9.40	12.10	19.10	8.10
Sr ppm	59.40	63.60	80.80	109.00	104.00	74.30	74.30	69.70	91.00	68.10	100.50	88.90	118.50	82.10
Ta ppm	<0.002													
Tb ppm	2.00	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Te ppm	0.07	0.04	0.13	0.09	0.05	0.08	0.07	0.09	0.07	0.09	0.06	0.05	0.07	0.07
Th ppm	1.14	1.38	0.74	1.88	0.78	0.50	0.57	0.47	0.53	0.84	0.64	0.94	1.57	0.70
Ti %	12.10	10.10	10.80	10.70	11.60	8.40	9.40	9.90	10.30	11.10	9.90	11.30	27.20	10.30
U ppm	3.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	<1.00	2.00	1.00
V ppm	1.40	1.30	1.50	2.00	1.90	1.40	1.60	1.60	1.30	1.60	1.60	1.90	2.40	1.70
W ppm	116.00													
X ppm	0.00	136.50	470.00	103.00	101.00	109.50	112.00	100.00	532.00	109.50	100.00	108.00	152.50	121.50
Y ppm	0.76	0.82	0.46	0.92	0.50	0.38	0.43	0.30	0.33	0.54	0.40	0.71	4.04	0.48
Zn ppm	0.13	0.16	0.06	0.06	0.07	0.06	0.07	0.07	0.22	0.10	<0.05	0.09	0.08	0.07
Zr ppm	20.60	17.10	15.60	19.30	19.30	14.60	16.10	14.30	18.00	17.90	16.20	19.30	24.30	18.80
Ag ppm	0.27	0.32	0.27	0.24	0.25	0.21	0.23	0.20	0.18	0.28	0.26	0.34	1.41	0.25
Al %	0.53	0.59	0.48	0.67	0.48	0.55	0.48	0.56	0.58	0.46	0.63	0.56	0.63	0.51
As ppm	7.40	4.00	3.30	6.40	3.10	2.60	2.70	2.70	3.60	3.90	2.70	3.30	8.40	3.90
Ba ppm	59.00	78.00	68.00	61.00	76.00	51.00	65.00	60.00	51.00	77.00	73.00	97.00	255.00	65.00
Be ppm	1.70	1.30	1.20	1.90	1.30	1.00	1.10	0.80	0.80	1.20	1.00	1.30	1.90	1.20
Bi ppm	52.50	25.00	34.20	36.50	40.30	26.00	23.20	20.50	50.40	35.90	27.20	22.50	66.00	34.70
Ca %	79.00	74.00	78.00	122.00	61.00	112.00	110.00	118.00	106.00	122.00	98.00	122.00	152.00	55.00
Cd ppm	100.50													
Ce ppm	0.00	82.80	77.50	94.20	94.90	76.90	76.90	69.50	74.40	84.20	73.50	99.20	321.00	89.00
Co ppm	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	<0.001	0.01	0.00	0.00	0.01	0.00
Cr ppm	1642	1643	1644	1645	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655
Fe %	0.25	0.06	0.08	0.13	0.03	0.02	0.03	0.03	0.06	0.05	0.03	0.01	0.14	0.04
Ga ppm	5.78	5.98	5.28	6.63	6.17	5.79	6.33	6.13	5.58	5.92	6.05	6.10	5.68	6.62
Hf ppm	24.60	25.30	9.20	9.40	5.90	3.00	3.70	2.20	5.40	6.30	5.20	7.40	12.50	3.90
In ppm	1060.00		4670.00	1980.00	1070.00	2930.00	1190.00	1260.00	3790.00					
K %	0.00	940.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	980.00	820.00	880.00	1760.00	1280.00
La ppm	1.51	1.55	1.88	2.04	1.95	1.42	1.59	1.30	1.54	1.78	1.68	1.77	2.20	1.84
Li ppm	3.84	2.38	0.16	0.39	0.18	0.14	0.18	0.23	0.47	3.09	0.18	0.22	1.04	0.17
Mg %	0.72	0.50	0.70	0.56	0.54	0.61	0.60	0.61	0.73	0.87	0.80	0.61	4.59	0.85
Mn ppm	0.28	0.18	0.25	0.28	0.18	0.14	0.14	0.18	0.16	0.32	0.21	0.13	0.23	0.16
Mo ppm	166.50													
Nb ppm	0.00	100.50	97.20	111.50	110.50	89.50	93.10	89.30	104.50	108.00	98.10	120.50	232.00	117.50
Na %	66.30	43.70	19.30	26.50	28.80	17.50	17.80	18.50	19.90	17.60	16.50	18.80	126.00	20.90
Ni ppm	48.00	58.00	53.00	47.00	57.00	40.00	49.00	48.00	49.00	57.00	53.00	69.00	654.00	58.00
Pb ppm	3.56	4.79	5.86	6.97	6.22	7.20	5.92	5.89	7.19	5.92	8.52	8.14	9.31	6.99
P ppm	77.30	50.00	146.00	182.50	18.00	45.60	13.40	48.70	29.60	321.00	24.20	13.00	410.00	12.80
Se ppm	5.15	4.19	3.53	4.47	4.11	3.38	3.75	3.40	5.06	3.85	3.37	4.64	11.00	4.05
Si ppm	13.85	12.70	13.05	16.50	16.35	13.25	14.55	14.45	12.45	13.85	13.95	15.90	22.90	15.40
Sr ppm	0.31	0.22	0.21	0.17	0.17	0.14	0.15	0.13	0.16	0.15	0.15	0.18	0.33	0.16
Ta ppm	3.00	2.80	2.60	2.80	2.80	2.20	2.30	2.00	2.10	2.50	2.10	2.80	7.80	2.50
Tb ppm	0.08	0.05	0.06	0.07	0.07	0.04	0.05	0.05	0.08	0.06	0.05	0.06	0.11	0.05
Te ppm	1.06	1.20	1.23	1.66	1.63	1.26	1.24	1.16	1.39	1.22	1.51	1.55	2.01	1.39
Th ppm	87.90	47.80	50.40	57.50	55.80	44.90	45.20	41.00	52.30	55.60	48.20	55.80	116.00	61.80
Ti %	23.70	31.70	29.50	38.10	30.70	39.00	35.20	30.50	26.00	28.20	32.50	42.50	42.70	29.40
U ppm	0.89	0.89	0.93	1.00	0.96	1.37	1.18	1.17	0.87	0.93	1.02	1.18	4.53	0.89
V ppm	1510.00	6820.00	6210.00	9310.00	6070.00	7550.00	5780.00	9320.00	15950.00					
W ppm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7680.00	4960.00	4240.00	18750.00	6960.00
X ppm	5.20	2.96	1.79	2.55	0.92	0.73	0.70	1.13	1.77	2.80	1.64	1.03	4.14	0.90
Y ppm	2.01	1.58	1.19	1.28	1.33	1.39	1.65	1.51	1.40	1.23	1.40	1.04	0.55	2.09
Zn ppm	9.10	11.30	6.20	11.00	6.30	4.70	5.70	4.00	4.30	7.60	5.60	8.90	85.20	6.40
Zr ppm	32.90	29.80	29.80	28.40	33.50	27.40	30.00	25.20	29.20	27.10	28.90	30.20	386.0	

Sample	1656	1657	1658	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668	1669
Ag ppm	0.01	0.02	0.01	0.03	0.01	0.09	0.02	0.07	0.11	0.02	0.11	0.03	0.07	0.05
Al %	6.77	6.46	6.92	6.39	6.92	5.68	6.73	6.61	5.80	5.78	6.98	6.02	8.17	6.36
As ppm	6.40	6.50	2.10	1.80	3.00	14.30	4.70	7.00	12.50	2.50	13.20	6.00	7.60	33.00
Ba ppm	900.0				1020.0									
	0	870.00	870.00	770.00	0	890.00	790.00	590.00	520.00	430.00	560.00	500.00	950.00	610.00
Be ppm	1.68	1.61	1.89	1.46	2.05	1.43	1.67	1.70	1.28	1.35	2.29	1.45	2.51	1.10
Bi ppm	0.18	0.18	0.14	0.21	0.13	0.56	0.22	0.61	2.15	0.05	0.27	0.84	0.12	0.37
Ca %	0.64	0.65	0.49	0.70	0.45	0.82	0.48	0.55	0.64	0.39	0.33	0.70	0.67	1.04
Cd ppm	0.11	0.14	0.19	0.11	0.07	0.29	0.09	0.16	0.20	0.13	0.28	0.15	0.47	0.13
Ce ppm	100.5													
	0	99.80	93.80	93.00	97.20	158.00	84.20	97.30	82.90	52.40	91.80	86.10	201.00	68.50
Co ppm	17.40	17.40	18.30	15.90	15.50	21.30	24.60	29.80	35.50	6.70	28.80	15.70	10.50	71.50
Cr ppm	62.00	64.00	51.00	43.00	54.00	66.00	53.00	44.00	45.00	42.00	47.00	41.00	63.00	103.00
Cs ppm	6.95	6.55	7.98	5.24	7.96	3.94	5.87	6.39	4.12	3.39	8.25	4.71	4.21	3.59
Cu ppm	11.70	12.40	23.60	77.50	14.70	288.00	14.90	17.40	135.50	9.00	23.10	5.10	24.90	583.00
Fe %	3.76	3.66	3.96	3.53	4.08	5.21	3.81	3.13	3.70	2.91	3.56	3.10	4.40	5.78
Ga ppm	15.75	15.00	17.10	14.50	18.35	11.95	15.05	14.25	12.50	12.85	17.90	13.60	22.40	16.15
Ge ppm	0.15	0.15	0.16	0.15	0.15	0.19	0.16	0.17	0.14	0.12	0.16	0.14	0.24	0.17
Hf ppm	2.60	2.50	2.10	2.20	2.50	2.60	2.20	2.60	2.10	2.30	2.90	2.20	3.30	2.00
In ppm	0.05	0.05	0.06	0.05	0.06	0.06	0.05	0.05	0.06	0.04	0.06	0.04	0.06	0.08
K %	1.43	1.44	1.76	1.41	1.92	1.60	1.69	1.54	1.25	1.32	2.21	1.32	2.20	1.11
La ppm	47.80	47.20	48.20	45.70	46.20	80.20	41.90	48.10	40.90	24.70	45.40	41.80	104.00	35.70
Li ppm	36.90	35.70	40.10	31.60	43.80	28.70	31.70	29.60	27.30	30.20	58.30	24.10	42.80	38.60
Mg %	0.94	0.96	1.44	1.06	1.28	0.89	0.90	0.86	0.66	0.65	1.04	0.62	0.74	2.29
Mn ppm	4450.0	4140.0	4570.0	5980.0	4500.0	6560.0	8930.0	7420.0	17850.0					
	00	0	0	0	0	0	0	00	13400.00	7080.00	16500.00	9530.00	1070.00	
Mo ppm	0.94	0.98	0.39	0.61	0.86	1.44	1.07	0.90	0.90	0.42	1.10	0.78	1.01	1.61
Na %	1.63	1.53	1.75	1.86	1.11	0.85	1.84	2.11	2.00	2.42	1.24	1.99	2.23	1.24
Nb ppm	8.80	8.70	4.40	4.60	5.90	10.10	6.40	10.30	10.50	10.60	13.80	10.30	9.20	9.70
Ni ppm	28.60	29.50	35.10	28.90	25.80	28.90	29.60	24.60	23.20	19.30	19.50	19.60	43.90	66.10
P ppm	1190.0	1000.0	1430.0	1660.0	1910.0	1300.0		1230.0						
	00	0	0	0	0	0	760.00	0	690.00	870.00	910.00	1110.00	1370.00	460.00
Pb ppm	9.80	9.60	4.50	6.00	8.90	16.10	7.50	10.10	11.50	10.60	33.10	11.90	7.80	10.30
Rb ppm	81.20	78.90	113.00	85.40	136.50	65.80	84.00	89.60	61.40	41.10	132.50	69.90	133.00	46.90
Re ppm	<0.002													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.05	0.04	0.05	0.08	0.08	0.07	0.05	0.06	0.06	0.04	0.07	0.07	0.07	0.03
Sb ppm	0.86	0.84	0.46	0.50	0.62	1.18	0.54	0.71	0.65	0.64	0.86	0.33	1.17	1.04
Sc ppm	10.50	10.30	10.60	8.70	11.10	10.50	10.40	9.40	8.70	7.90	10.70	8.10	16.90	19.60
Se ppm	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sn ppm	1.80	1.70	1.90	1.50	2.30	1.40	1.90	1.80	1.40	1.40	2.60	1.70	3.40	1.30
Sr ppm	131.5													
	0	131.50	114.50	103.00	92.20	117.50	121.00	116.00	123.50	76.20	83.20	88.40	50.50	139.50
Ta ppm	0.63	0.61	0.36	0.37	0.44	0.77	0.49	0.84	0.85	0.89	1.03	0.87	0.77	0.68
Te ppm	0.07	0.08	0.06	0.09	0.07	0.07	0.07	0.13	0.12	<0.05	0.10	0.08	0.09	0.05
Th ppm	15.70	16.00	16.70	16.30	17.00	15.80	15.00	18.20	12.80	10.40	17.00	14.70	23.80	7.50
Ti %	0.32	0.31	0.19	0.18	0.24	0.36	0.29	0.31	0.27	0.33	0.32	0.27	0.31	0.49
Tl ppm	0.54	0.51	0.62	0.46	0.63	0.54	0.62	0.58	0.49	0.47	0.76	0.49	0.36	0.30
U ppm	3.00	2.70	3.20	2.80	2.40	5.10	3.60	3.30	2.90	2.40	3.80	3.50	6.10	2.00
V ppm	87.00	84.00	58.00	52.00	76.00	97.00	64.00	55.00	55.00	50.00	63.00	48.00	98.00	180.00
W ppm	1.20	1.10	1.00	1.00	1.40	1.40	1.80	1.90	1.50	1.70	2.90	1.80	3.10	1.50
Y ppm	23.80	23.40	26.90	23.40	16.10	37.60	38.40	36.50	39.20	20.90	24.70	26.50	52.20	15.60
Zn ppm	68.00	69.00	119.00	78.00	63.00	82.00	55.00	55.00	57.00	59.00	252.00	53.00	33.00	91.00
Zr ppm	96.90	98.60	72.00	75.00	83.20	88.10	75.90	89.40	72.70	77.90	96.10	75.10	109.00	69.70
Au ppm	0.00	0.00	<0.001	0.00	<0.001	0.01	<0.001	<0.001	0.01	<0.001	0.00	0.00	0.00	0.02
Sample	1656	1657	1658	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668	1669
Ag ppm	0.01	0.02	0.01	0.03	0.01	0.09	0.02	0.07	0.11	0.02	0.11	0.03	0.07	0.05
Al %	6.77	6.46	6.92	6.39	6.92	5.68	6.73	6.61	5.80	5.78	6.98	6.02	8.17	6.36
As ppm	6.40	6.50	2.10	1.80	3.00	14.30	4.70	7.00	12.50	2.50	13.20	6.00	7.60	33.00
Ba ppm	900.0				1020.0									
	0	870.00	870.00	770.00	0	890.00	790.00	590.00	520.00	430.00	560.00	500.00	950.00	610.00

Sample	1670	1671	1672	1673	1674	1675	1676	1677	1678	1679	1680	1681	1682	1683
Ag ppm	0.08	0.08	0.09	0.10	0.12	0.06	0.19	0.16	0.34	0.64	0.57	0.60	0.63	1.24
Al %	7.10	6.16	6.47	6.60	6.94	6.36	6.26	6.19	6.47	6.27	3.72	4.91	3.58	5.75
As ppm	12.50	13.10	11.90	12.80	14.40	16.30	10.00	20.90	121.00	76.70	85.30	1310.00	860.00	2470.00
Ba ppm	690.0							2240.0						
	0	580.00	630.00	650.00	730.00	670.00	680.00	0	690.00	590.00	460.00	950.00	630.00	750.00
Be ppm	1.53	1.11	1.50	1.36	1.58	1.44	1.40	1.65	2.90	2.50	1.43	1.56	1.13	2.09
Bi ppm	0.34	0.39	0.26	0.26	0.37	0.33	0.34	0.55	1.33	1.51	2.08	4.70	14.05	20.10
Ca %	1.33	0.87	1.28	1.29	1.10	1.23	1.17	1.08	0.51	0.83	1.77	0.97	1.66	0.40
Cd ppm	0.21	0.16	0.24	0.19	0.10	0.30	0.15	0.21	0.34	0.34	0.37	0.80	0.61	0.86
Ce ppm	88.50	61.50	78.60	70.60	71.30	73.00	55.30	63.80	90.40	100.00	59.20	74.70	65.60	82.30
Co ppm	39.20	19.40	34.00	29.40	34.10	36.20	26.30	35.70	40.40	37.00	35.40	147.00	326.00	96.40
Cr ppm	90.00	80.00	77.00	79.00	86.00	92.00	78.00	105.00	71.00	62.00	37.00	60.00	35.00	60.00
Cs ppm	4.62	4.70	4.20	4.22	6.33	4.91	7.09	5.91	5.75	9.70	4.52	5.12	3.72	6.14
Cu ppm	271.0													
	0	80.80	299.00	196.00	315.00	213.00	312.00	109.00	130.50	105.00	128.50	583.00	410.00	952.00
Fe %	6.41	5.29	5.66	5.38	5.75	5.48	3.81	5.61	5.76	5.81	4.14	17.25	20.80	13.75
Ga ppm	17.10	15.95	16.55	15.50	18.70	16.90	19.00	18.15	16.05	16.70	9.44	13.40	9.51	14.30
Ge ppm	0.17	0.13	0.16	0.16	0.16	0.18	0.18	0.17	0.22	0.25	0.12	0.29	0.32	0.23
Hf ppm	2.30	2.00	2.10	2.00	2.20	2.40	2.10	2.00	2.90	3.30	1.70	1.90	1.50	2.50
In ppm	0.08	0.06	0.07	0.06	0.08	0.07	0.07	0.08	0.08	0.08	0.06	0.28	0.32	0.20
K %	1.24	1.15	1.19	1.24	1.26	1.22	1.23	1.20	1.54	2.04	1.00	1.16	0.94	1.26
La ppm	44.30	29.00	39.90	35.50	37.50	39.60	31.20	35.70	44.60	51.10	30.40	37.60	31.60	40.40
Li ppm	34.10	30.70	30.80	30.00	38.40	35.60	39.80	38.10	46.60	38.60	15.70	21.30	15.20	25.30
Mg %	2.28	1.30	2.03	1.94	2.29	1.96	2.09	1.86	0.87	1.00	0.54	0.92	0.93	0.69
Mn ppm	2620		1960.0	1580.0	2300.0	1630.0		2830.0	1485.0					
	00	987.00	0	0	0	0	937.00	0	0	1690.00	2690.00	21800.00	19800.00	10650.00
Mo ppm	1.70	2.22	1.65	1.90	2.69	2.21	2.69	3.20	8.06	5.07	4.21	8.19	3.98	6.74
Na %	1.74	1.17	1.56	1.58	1.33	1.48	1.15	1.09	0.91	0.57	0.46	0.66	0.49	0.63
Nb ppm	11.00	10.20	10.30	10.10	9.90	11.40	9.40	9.70	10.20	8.80	5.20	5.30	4.50	6.90
Ni ppm	54.90	33.90	45.70	42.50	55.10	63.20	62.30	76.30	95.90	70.00	36.40	125.50	148.00	185.00
P ppm	980.0						1100.0	1190.0						
	0	740.00	790.00	890.00	880.00	910.00	0	0	890.00	1320.00	1890.00	1070.00	680.00	1360.00
Pb ppm	16.10	19.00	20.30	21.40	31.70	39.00	30.70	30.10	68.40	94.20	42.40	48.70	63.00	58.60
Rb ppm	68.40	60.10	63.60	65.90	79.80	76.20	90.20	81.90	84.20	114.00	55.70	65.90	47.90	74.40
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.00	0.00	<0.002
S %	0.02	0.07	0.02	0.02	0.05	0.03	0.14	0.09	0.04	0.14	0.22	0.09	0.61	0.08
Sb ppm	1.02	1.15	1.10	1.08	1.08	1.22	1.11	1.35	2.31	2.75	2.36	3.52	3.98	5.03
Sc ppm	17.40	12.50	16.70	15.30	16.40	17.10	16.80	21.00	15.10	14.40	9.30	71.40	81.30	58.20
Se ppm	1.00	1.00	1.00	1.00	1.00	2.00	3.00	2.00	2.00	3.00	2.00	3.00	5.00	2.00
Sn ppm	1.90	1.70	1.80	1.70	1.90	1.90	1.90	1.70	1.80	1.90	1.10	1.20	0.90	1.40
Sr ppm	144.0													
	0	113.00	140.50	155.00	128.50	145.50	112.50	141.50	110.00	75.00	68.90	89.90	88.50	79.70
Ta ppm	0.79	0.71	0.73	0.71	0.68	0.84	0.67	0.67	0.75	0.63	0.36	0.37	0.31	0.47
Te ppm	0.05	0.09	0.05	0.05	0.08	0.06	0.05	0.06	0.12	0.18	0.13	0.24	0.80	0.28
Th ppm	11.80	8.20	9.90	9.60	11.70	10.80	10.10	9.80	14.20	17.30	11.30	10.40	7.30	14.50
Ti %	0.53	0.46	0.47	0.47	0.43	0.46	0.37	0.35	0.32	0.26	0.18	0.19	0.15	0.23
Tl ppm	0.38	0.39	0.37	0.37	0.45	0.43	0.49	0.51	0.78	1.08	0.53	0.55	0.42	0.60
U ppm	3.70	2.30	4.00	3.90	4.20	4.30	4.30	3.90	6.40	5.80	4.40	4.80	2.30	4.80
V ppm	174.0													
	0	156.00	163.00	157.00	161.00	147.00	142.00	133.00	102.00	81.00	54.00	132.00	117.00	104.00
W ppm	2.10	1.70	2.20	1.90	1.80	2.00	1.90	1.70	1.20	1.20	0.80	0.90	0.80	1.00
Y ppm	24.70	11.50	22.70	18.70	24.30	24.80	24.10	23.20	22.00	26.60	18.40	72.20	101.00	41.20
Zn ppm	104.0													
	0	82.00	102.00	98.00	118.00	118.00	106.00	108.00	326.00	161.00	101.00	202.00	147.00	157.00
Zr ppm	79.90	70.80	76.10	69.00	75.30	76.70	67.80	66.40	93.30	112.50	58.20	63.30	49.50	87.10
Au ppm	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.02	0.06	0.02
Sample	1670	1671	1672	1673	1674	1675	1676	1677	1678	1679	1680	1681	1682	1683
Ag ppm	0.08	0.08	0.09	0.10	0.12	0.06	0.19	0.16	0.34	0.64	0.57	0.60	0.63	1.24
Al %	7.10	6.16	6.47	6.60	6.94	6.36	6.26	6.19	6.47	6.27	3.72	4.91	3.58	5.75
As ppm	12.50	13.10	11.90	12.80	14.40	16.30	10.00	20.90	121.00	76.70	85.30	1310.00	860.00	2470.00
Ba ppm	690.0							2240.0						
	0	580.00	630.00	650.00	730.00	670.00	680.00	0	690.00	590.00	460.00	950.00	630.00	750.00

Sample	1684	1685	1686	1687	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697
Ag ppm	0.57	0.55	0.42	0.68	0.74	0.49	0.70	0.83	0.21	0.13	0.06	0.05	0.02	0.05
Al %	5.93	6.42	7.18	6.67	6.76	6.82	6.89	6.04	6.06	5.64	6.56	6.29	6.42	6.13
As ppm	664.0													
Ba ppm	0	161.50	40.20	44.60	47.80	49.10	55.40	270.00	19.80	14.60	15.90	14.50	7.70	15.10
Be ppm	710.0													
Bi ppm	0	770.00	670.00	680.00	670.00	640.00	710.00	690.00	740.00	620.00	590.00	660.00	300.00	600.00
Bj ppm	1.87	1.97	2.50	2.53	2.67	2.68	2.36	4.21	1.46	1.17	1.76	1.40	0.90	1.48
Ca %	5.66	2.18	1.07	1.13	1.18	1.30	1.39	2.61	0.42	0.33	0.26	0.30	0.20	0.31
Cd ppm	0.60	0.68	0.33	1.56	0.88	0.42	0.44	0.74	0.61	0.98	0.90	0.82	1.53	0.95
Ce ppm	0.34	0.44	0.42	0.76	1.07	0.76	0.53	0.79	0.12	0.22	0.12	0.13	0.06	0.10
Co ppm	72.60	91.30	158.00	147.00	149.00	150.50	142.50	83.50	77.10	65.50	54.30	65.60	34.80	78.70
Cr ppm	34.20	42.20	35.70	67.60	83.40	63.80	50.00	42.90	13.40	24.30	39.80	20.10	34.50	22.40
Cs ppm	60.00	74.00	66.00	66.00	66.00	66.00	69.00	63.00	72.00	75.00	82.00	77.00	95.00	84.00
Cu ppm	4.79	6.16	10.90	10.15	10.55	10.55	11.20	5.20	5.00	5.82	5.04	5.14	5.51	4.59
Fe %	366.0													
Ga ppm	0	261.00	73.70	117.50	122.50	105.00	97.30	297.00	52.80	139.00	167.00	140.00	9.60	113.50
Ge ppm	6.47	6.82	5.14	5.94	6.20	5.87	6.53	9.64	3.88	4.86	5.94	4.42	6.65	5.70
Hf ppm	14.25	15.10	18.00	15.50	15.65	16.55	16.30	12.25	15.00	15.25	18.80	17.20	19.05	17.15
In ppm	0.14	0.17	0.16	0.17	0.17	0.17	0.17	0.19	0.10	0.11	0.12	0.18	0.16	0.18
K %	2.30	2.60	4.20	3.80	4.10	4.10	4.20	2.60	2.90	2.40	2.20	2.40	1.40	2.50
La ppm	0.10	0.09	0.07	0.07	0.07	0.07	0.09	0.17	0.06	0.06	0.07	0.06	0.06	0.06
Li ppm	1.33	1.32	2.64	2.33	2.27	2.38	2.31	1.09	1.35	1.16	1.04	1.24	0.99	1.26
Mg %	33.80	42.90	78.60	72.70	73.50	75.20	70.90	55.10	40.20	34.80	26.30	34.40	18.00	41.50
Mn ppm	25.80	32.50	30.40	27.00	28.50	29.20	27.30	23.00	20.80	21.90	45.10	37.10	35.50	31.20
Mo ppm	0.67	0.84	1.22	1.78	1.34	1.12	1.06	0.70	0.92	1.49	2.60	1.32	2.88	1.35
Nb ppm	287.0	3290.0	1810.0	2990.0	3400.0	2450.0	3290.0	4650.0						
Na %	00	0		0	0	0	0	0	552.00	1410.00	1370.00	752.00	1130.00	1025.00
Ni ppm	4.98	4.59	4.31	5.26	5.27	5.19	5.89	8.54	6.70	2.47	1.67	2.45	1.94	2.38
Pb ppm	0.88	0.84	0.48	0.62	0.63	0.53	0.57	0.80	1.13	1.29	1.34	1.23	1.96	1.64
Rb ppm	8.70	9.30	10.30	8.50	8.60	9.10	9.50	8.20	10.90	10.00	9.30	11.30	9.10	12.30
Re ppm	61.80	70.90	57.70	112.00	149.00	111.50	77.50	103.00	34.50	41.40	71.70	39.90	68.30	40.60
S %	890.0	1070.0		1040.0	1240.0	1120.0	1270.0	1280.0						
Sb ppm	0	0	980.00	0	0	0	0	0	710.00	740.00	530.00	580.00	430.00	570.00
Sc ppm	40.60	53.90	67.80	91.80	101.50	82.90	123.50	70.90	21.40	21.00	15.40	20.50	7.80	16.90
Se ppm	72.00	70.10	139.50	112.50	115.00	124.50	126.00	58.30	75.00	73.50	68.20	78.10	74.90	83.00
Sn ppm	<0.00													
Sr ppm	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ta ppm	0.07	0.08	0.17	0.29	0.23	0.22	0.19	0.08	0.02	0.04	0.03	0.03	0.03	0.02
Tb ppm	3.18	2.61	3.20	3.40	3.57	3.57	3.60	2.53	1.59	1.14	0.99	1.10	0.86	1.20
Te ppm	16.20	16.70	12.80	11.60	12.00	12.40	13.60	53.70	12.40	13.30	16.90	13.70	23.10	13.20
Th ppm	0.29	0.34	0.31	0.28	0.28	0.29	0.31	0.29	0.39	0.42	0.48	0.40	0.56	0.46
Ti %	0.59	0.66	0.92	0.93	1.01	0.92	0.99	0.61	0.53	0.39	0.35	0.52	0.40	0.44
U ppm	3.40	4.00	4.60	5.40	6.40	5.70	5.30	8.70	11.60	2.80	2.10	3.30	1.40	3.10
V ppm	96.00	112.00	79.00	75.00	76.00	76.00	84.00	113.00	109.00	133.00	177.00	133.00	194.00	143.00
W ppm	1.10	1.10	1.30	1.10	1.10	1.10	1.30	1.00	1.50	1.70	1.50	1.90	1.20	2.40
X ppm	17.60	25.10	19.40	28.70	37.30	28.00	23.00	49.50	14.50	14.10	15.70	16.40	12.10	16.30
Y ppm	106.0													
Zn ppm	0	116.00	170.00	287.00	382.00	295.00	224.00	634.00	87.00	102.00	89.00	88.00	60.00	71.00
Zr ppm	81.00	87.30	109.00	101.50	106.00	107.50	115.00	64.70	72.70	65.10	58.50	77.40	47.30	83.90
Au ppm	0.00	0.01	0.00	<0.001	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	<0.001	0.00
Sample	1684	1685	1686	1687	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697
Ag ppm	0.57	0.55	0.42	0.68	0.74	0.49	0.70	0.83	0.21	0.13	0.06	0.05	0.02	0.05
Al %	5.93	6.42	7.18	6.67	6.76	6.82	6.89	6.04	6.06	5.64	6.56	6.29	6.42	6.13
As ppm	664.0													
Ba ppm	0	161.50	40.20	44.60	47.80	49.10	55.40	270.00	19.80	14.60	15.90	14.50	7.70	15.10
Be ppm	710.0													
Bi ppm	0	770.00	670.00	680.00	670.00	640.00	710.00	690.00	740.00	620.00	590.00	660.00	300.00	600.00

Sample	1698	1699	1700	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750	1751
Ag ppm	0.09	0.09	0.15	0.02	0.02	0.23	0.10	0.04	0.06	0.11	0.14	0.24	0.08	0.02
Al %	7.65	5.88	6.95	5.62	5.97	1.28	5.00	4.94	5.46	7.11	5.89	4.59	5.26	4.87
As ppm	17.40	10.50	17.10	18.30	14.10	43.40	14.30	12.40	11.00	19.20	25.60	28.80	24.10	19.10
Ba ppm	730.0													
	0	630.00	710.00	530.00	540.00	90.00	540.00	550.00	570.00	370.00	500.00	300.00	640.00	590.00
Be ppm	2.17	1.43	2.06	1.13	1.76	1.08	1.57	1.29	1.33	2.21	1.44	1.80	1.17	1.10
Bi ppm	0.53	0.29	0.39	0.51	0.51	4.83	0.46	0.18	0.20	0.59	0.43	0.28	0.31	0.30
Ca %	1.11	1.42	0.79	0.95	0.80	0.46	0.61	0.74	0.78	1.11	1.59	1.69	0.55	0.36
Cd ppm	0.15	0.16	0.16	0.11	0.11	<0.02	0.11	0.16	0.15	0.21	0.34	0.73	0.20	0.09
Ce ppm	69.30	69.10	59.10	48.80	74.20	240.00	70.90	64.60	70.10	89.20	63.20	51.70	55.90	58.70
Co ppm	52.00	32.60	30.60	28.50	36.90	477.00	21.80	24.10	18.00	106.50	33.90	14.00	8.90	6.00
Cr ppm	108.0													
	0	84.00	87.00	70.00	74.00	12.00	73.00	66.00	128.00	90.00	103.00	53.00	59.00	57.00
Cs ppm	8.23	4.85	6.62	7.91	6.24	0.37	6.08	3.80	4.49	5.80	13.30	7.57	3.29	3.98
Cu ppm	777.0													
	0	241.00	131.50	260.00	83.50	5.80	113.50	156.50	82.80	605.00	61.30	44.70	19.80	10.90
Fe %	7.08	5.67	5.80	5.97	6.17	27.40	5.07	4.35	4.99	9.46	6.78	2.80	3.34	3.03
Ga ppm	23.40	15.85	20.50	17.15	18.15	5.18	18.10	14.55	15.70	25.30	16.05	11.25	13.35	16.30
Ge ppm	0.21	0.21	0.12	0.16	0.19	0.57	0.18	0.18	0.18	0.27	0.22	0.16	0.16	0.17
Hf ppm	2.40	2.10	2.80	1.80	2.40	0.40	2.60	2.10	2.70	2.60	2.40	2.30	2.10	2.60
In ppm	0.11	0.07	0.08	0.08	0.07	0.04	0.07	0.07	0.06	0.11	0.10	0.05	0.04	0.04
K %	1.35	1.21	1.33	1.02	0.94	0.12	1.07	0.93	1.04	0.68	1.02	0.90	1.07	1.13
La ppm	38.00	37.90	30.10	25.60	38.60	183.00	36.40	31.90	36.20	49.60	33.70	26.90	29.10	31.00
Li ppm	49.90	32.60	48.70	33.30	33.70	5.10	27.00	38.60	35.70	56.50	57.80	38.10	24.00	20.20
Mg %	3.08	1.99	1.62	1.92	1.68	0.13	1.05	1.29	1.59	3.96	2.80	4.73	0.58	0.46
Mn ppm	3260.	1750.0	1140.0		1355.0	4530.0								
	00	0		893.00	0	0	554.00	689.00	708.00	2710.00	1255.00	1395.00	384.00	314.00
Mo ppm	3.18	1.61	3.24	1.41	1.91	184.50	3.82	1.88	1.67	3.90	3.37	4.19	5.77	4.16
Na %	1.51	1.59	1.20	1.20	1.37	0.40	0.88	0.87	1.00	1.57	1.08	0.56	0.79	0.63
Nb ppm	10.60	10.50	11.50	10.10	13.30	10.10	12.70	11.00	10.90	11.30	10.60	7.70	11.30	13.30
Ni ppm	90.50	55.50	49.30	49.60	36.60	94.70	27.80	30.90	59.40	71.00	50.60	31.50	20.10	12.40
P ppm	1000.	1060.0			1370.0	3010.0	1110.0							
	00	0	470.00	700.00	0	0	0	740.00	550.00	800.00	740.00	1240.00	590.00	460.00
Pb ppm	29.70	15.30	37.20	19.30	11.70	4.30	25.10	11.70	15.10	27.30	76.20	30.30	27.40	21.20
Rb ppm	95.70	80.30	105.50	60.90	55.90	6.70	62.90	52.20	55.40	41.50	57.80	64.00	60.30	64.90
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	0.00	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.05	0.05	0.03	0.04	0.06	0.22	0.06	0.03	0.03	0.05	0.06	0.17	0.05	0.03
Sb ppm	1.22	1.01	1.12	1.28	1.18	1.46	1.29	1.04	1.23	1.88	1.60	1.21	1.65	1.35
Sc ppm	19.60	15.80	15.00	15.80	18.60	7.20	13.30	11.00	10.90	23.40	19.70	8.40	8.90	8.80
Se ppm	3.00	2.00	2.00	2.00	2.00	8.00	3.00	3.00	2.00	3.00	3.00	3.00	3.00	2.00
Sn ppm	2.20	1.90	2.00	1.50	1.60	10.20	2.20	1.40	1.40	2.40	1.20	1.10	1.50	1.90
Sr ppm	103.0													
	0	130.00	127.50	104.50	107.00	18.50	102.00	117.00	124.50	83.50	119.00	60.20	119.50	98.90
Ta ppm	0.70	0.77	0.78	0.71	1.19	0.23	0.91	0.75	0.79	0.79	0.71	0.51	0.76	0.89
Te ppm	0.09	0.07	0.07	0.08	0.08	3.39	0.11	<0.05	0.05	0.13	0.07	0.08	0.10	0.08
Th ppm	12.80	10.20	9.60	6.20	9.60	3.90	10.40	8.30	9.70	10.20	9.60	9.30	8.50	8.60
Ti %	0.43	0.44	0.47	0.51	0.53	0.09	0.46	0.45	0.45	0.62	0.52	0.21	0.36	0.43
Tl ppm	0.50	0.36	0.49	0.47	0.39	0.08	0.39	0.31	0.33	0.27	0.97	0.91	0.60	0.66
U ppm	4.30	3.30	2.60	1.80	2.50	2.00	5.80	2.50	2.50	6.20	2.80	4.20	2.50	2.80
V ppm	180.0													
	0	144.00	159.00	197.00	210.00	67.00	150.00	141.00	129.00	279.00	200.00	74.00	109.00	127.00
W ppm	2.40	2.40	1.80	1.40	1.80	15.80	1.60	1.30	1.30	2.50	1.90	1.00	1.20	1.60
Y ppm	28.10	23.60	14.80	11.60	21.30	54.80	15.90	14.10	15.80	31.90	21.70	22.40	11.10	11.20
Zn ppm	130.0													
	0	86.00	98.00	88.00	73.00	17.00	63.00	73.00	79.00	137.00	222.00	144.00	93.00	52.00
Zr ppm	80.50	70.00	74.50	61.50	78.40	13.30	77.00	62.60	80.70	77.10	68.00	70.60	66.90	77.30
Au ppm	0.01	0.00	0.00	0.01	0.00	0.13	0.02	0.02	0.01	0.04	0.01	0.02	0.00	0.01
Sample	1698	1699	1700	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750	1751
Ag ppm	0.09	0.09	0.15	0.02	0.02	0.23	0.10	0.04	0.06	0.11	0.14	0.24	0.08	0.02
Al %	7.65	5.88	6.95	5.62	5.97	1.28	5.00	4.94	5.46	7.11	5.89	4.59	5.26	4.87
As ppm	17.40	10.50	17.10	18.30	14.10	43.40	14.30	12.40	11.00	19.20	25.60	28.80	24.10	19.10
Ba ppm	730.0													
	0	630.00	710.00	530.00	540.00	90.00	540.00	550.00	570.00	370.00	500.00	300.00	640.00	590.00

Sample	1752	1753	1754	1755	1756	1757	1758	1759	1760	1761	1762	1763	1764	1765
Ag ppm	0.12	0.19	0.21	0.27	0.09	0.14	0.14	0.07	0.05	0.29	0.04	0.03	0.03	0.07
Al %	5.49	5.04	2.37	5.35	5.36	6.07	6.18	5.83	4.98	5.65	6.85	6.37	6.15	6.52
As ppm	28.20	65.20	6.70	47.30	28.10	28.80	35.60	53.40	21.70	29.40	9.10	9.30	8.40	8.00
Ba ppm	610.0													
	0	680.00	320.00	650.00	620.00	850.00	670.00	600.00	710.00	830.00	370.00	450.00	630.00	790.00
Be ppm	1.20	1.51	0.74	1.68	1.19	1.52	1.68	1.66	1.30	1.80	1.28	1.72	1.22	1.80
Bi ppm	0.33	0.60	0.15	0.66	0.45	0.40	0.37	0.50	0.28	0.33	0.18	0.22	0.18	0.24
Ca %	0.54	0.73	1.60	0.48	0.48	0.69	0.46	0.47	0.46	0.83	0.96	0.91	1.12	1.18
Cd ppm	0.19	0.32	0.78	0.51	0.17	0.21	0.11	0.15	0.12	0.39	0.15	0.11	0.14	0.24
Ce ppm	62.60	72.30	27.90	76.50	70.40	72.60	78.50	77.40	66.60	72.90	58.60	74.30	47.90	82.10
Co ppm	11.80	16.30	9.00	20.20	7.80	12.40	24.30	15.20	6.90	31.30	39.10	24.20	28.10	17.60
Cr ppm	59.00	58.00	25.00	61.00	62.00	68.00	66.00	61.00	57.00	56.00	65.00	63.00	64.00	73.00
Cs ppm	3.35	3.37	1.97	3.49	3.71	4.54	4.27	4.53	3.91	5.10	4.21	3.86	4.13	5.51
Cu ppm	21.40	34.50	12.50	48.50	21.00	32.30	33.00	36.00	12.20	169.00	391.00	38.50	103.00	72.80
Fe %	3.12	3.79	1.39	4.25	3.84	3.72	4.08	3.88	3.23	6.12	7.07	6.66	5.27	3.56
Ga ppm	13.20	12.00	6.25	12.75	15.10	14.45	15.60	13.85	15.60	15.20	19.65	19.25	16.75	16.25
Ge ppm	0.16	0.17	0.10	0.18	0.13	0.17	0.19	0.18	0.16	0.21	0.21	0.20	0.17	0.19
Hf ppm	2.30	2.40	1.00	2.90	2.30	2.30	2.60	3.00	2.40	2.30	1.60	1.90	1.70	2.20
In ppm	0.05	0.05	0.03	0.08	0.05	0.05	0.05	0.06	0.04	0.10	0.08	0.07	0.06	0.08
K %	1.02	1.13	0.51	1.30	1.05	1.32	1.40	1.37	1.19	1.34	0.71	1.17	1.49	1.64
La ppm	32.40	37.40	13.50	38.10	35.50	36.50	38.20	38.70	34.40	38.90	31.30	42.50	24.50	43.10
Li ppm	22.80	20.50	7.90	28.20	24.70	26.60	26.30	26.40	22.10	35.60	48.50	29.90	36.10	20.60
Mg %	0.52	0.63	0.45	1.02	0.55	0.80	0.95	0.76	0.54	1.80	3.15	2.06	2.48	1.33
Mn ppm	479.0		3570.0	1570.0			2310.0	1085.0						
	0	690.00	0	0	448.00	525.00	0	0	396.00	5870.00	873.00	869.00	1275.00	3380.00
Mo ppm	6.17	11.70	2.02	10.35	2.64	1.89	2.71	11.25	3.53	3.37	2.71	1.10	1.26	2.10
Na %	0.80	0.92	0.32	0.67	0.71	0.95	0.77	0.77	0.74	1.21	1.99	2.07	1.23	1.47
Nb ppm	11.80	10.70	4.30	12.20	11.40	11.30	12.20	11.80	12.70	9.90	9.90	11.80	9.00	6.90
Ni ppm	24.30	31.00	11.30	32.20	16.50	26.00	27.00	30.20	15.10	39.50	44.50	33.10	40.40	38.70
P ppm	570.0	1110.0	2340.0	1200.0				1170.0						
	0	0	0	0	620.00	680.00	790.00	0	570.00	710.00	620.00	760.00	710.00	1290.00
Pb ppm	38.60	47.30	17.90	138.00	29.30	30.10	28.40	40.20	29.90	86.00	11.30	11.10	10.10	8.60
Rb ppm	56.70	60.90	28.80	71.70	62.00	74.70	87.30	82.70	71.30	58.60	41.00	57.60	59.60	107.50
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.05	0.13	0.27	0.16	0.04	0.09	0.05	0.12	0.03	0.05	0.02	0.04	0.03	0.08
Sb ppm	1.78	3.06	0.66	3.71	2.39	2.50	2.08	3.46	1.53	2.00	0.80	0.80	0.83	0.59
Sc ppm	9.00	9.10	4.90	9.30	9.00	11.00	11.20	9.60	9.20	17.60	19.10	13.90	16.00	15.30
Se ppm	3.00	3.00	3.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	2.00	2.00	3.00
Sn ppm	1.50	1.40	0.70	1.40	1.70	1.60	1.90	1.60	1.80	1.60	1.60	2.60	1.60	2.10
Sr ppm	123.0													
	0	153.50	84.20	109.00	104.50	153.50	104.50	115.00	110.00	100.00	88.00	84.10	105.00	113.00
Ta ppm	0.79	0.73	0.29	0.86	0.79	0.76	0.83	0.83	0.85	0.68	0.68	0.85	0.60	0.50
Te ppm	0.11	0.15	0.05	0.12	0.08	0.08	0.07	0.13	0.07	0.11	0.08	0.09	0.06	0.07
Th ppm	10.00	12.20	4.50	17.20	10.20	13.50	12.90	13.30	9.30	10.70	6.40	11.10	5.70	14.90
Ti %	0.37	0.34	0.14	0.37	0.39	0.36	0.37	0.36	0.40	0.41	0.61	0.44	0.56	0.29
Tl ppm	0.65	0.76	0.43	0.69	0.58	0.57	0.64	0.71	0.69	0.60	0.23	0.25	0.29	0.48
U ppm	3.00	3.40	1.20	5.30	2.50	2.90	2.70	3.90	2.80	3.80	2.20	3.30	2.60	5.60
V ppm	102.0													
	0	95.00	38.00	94.00	117.00	107.00	100.00	104.00	120.00	136.00	240.00	144.00	204.00	90.00
W ppm	1.30	1.20	0.50	1.40	1.20	1.20	1.40	1.40	1.40	1.60	1.60	1.80	1.40	2.00
Y ppm	14.10	16.40	8.60	19.60	11.50	14.40	15.60	17.40	11.90	36.40	17.10	17.60	15.80	31.10
Zn ppm	81.00	127.00	152.00	291.00	67.00	89.00	91.00	75.00	62.00	161.00	68.00	58.00	91.00	47.00
Zr ppm	74.10	72.60	33.90	82.80	68.20	70.20	78.40	87.30	77.50	73.30	48.30	55.50	52.80	66.30
Au ppm	0.01	0.01	<0.001	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.00
Sample	1752	1753	1754	1755	1756	1757	1758	1759	1760	1761	1762	1763	1764	1765
Ag ppm	0.12	0.19	0.21	0.27	0.09	0.14	0.14	0.07	0.05	0.29	0.04	0.03	0.03	0.07
Al %	5.49	5.04	2.37	5.35	5.36	6.07	6.18	5.83	4.98	5.65	6.85	6.37	6.15	6.52
As ppm	28.20	65.20	6.70	47.30	28.10	28.80	35.60	53.40	21.70	29.40	9.10	9.30	8.40	8.00
Ba ppm	610.0													
	0	680.00	320.00	650.00	620.00	850.00	670.00	600.00	710.00	830.00	370.00	450.00	630.00	790.00

Sample	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779
Ag ppm	0.06	0.04	0.04	0.08	0.05	0.04	0.08	0.07	0.13	0.34	0.16	0.67	0.23	0.36
Al %	6.38	6.29	6.55	5.73	5.83	6.14	2.35	5.71	5.37	5.74	3.97	6.10	5.67	5.54
As ppm	9.20	9.20	8.10	7.10	6.90	7.30	4.00	14.20	17.90	38.70	6.70	53.50	33.00	27.80
Ba ppm	790.0													
	0	800.00	760.00	710.00	710.00	660.00	450.00	620.00	860.00	500.00	660.00	720.00	620.00	720.00
Be ppm	1.65	1.82	1.76	1.47	1.61	1.74	0.63	1.51	1.43	2.53	1.06	3.04	1.09	1.83
Bi ppm	0.26	0.32	0.23	0.22	0.22	0.23	0.14	0.41	0.30	1.00	0.36	2.83	0.78	0.90
Ca %	1.14	1.35	0.98	1.21	1.36	0.94	2.53	1.05	2.17	0.92	1.63	0.76	0.43	1.00
Cd ppm	0.16	0.21	0.17	0.14	0.17	0.17	0.45	0.13	0.40	0.35	0.27	0.39	0.15	0.34
Ce ppm	79.40	76.90	87.70	71.40	70.00	76.20	23.10	71.00	61.60	104.50	54.20	82.60	69.20	98.10
Co ppm	17.80	18.10	18.40	17.70	15.90	15.50	7.70	19.90	24.80	45.30	17.90	37.90	7.70	16.90
Cr ppm	71.00	70.00	75.00	62.00	66.00	65.00	28.00	64.00	64.00	72.00	42.00	70.00	67.00	76.00
Cs ppm	5.05	5.82	5.24	4.15	4.82	5.32	2.58	4.99	5.09	6.90	4.37	3.72	5.17	3.34
Cu ppm	74.10	73.80	64.00	57.90	60.40	83.70	40.50	54.10	95.90	114.00	53.90	183.00	55.30	74.10
Fe %	3.84	3.58	3.70	3.39	3.24	3.27	1.48	3.98	4.07	5.46	2.99	5.37	4.30	4.20
Ga ppm	15.00	16.30	16.65	13.90	14.45	15.65	6.27	15.25	11.55	17.90	9.90	14.85	16.55	13.30
Ge ppm	0.19	0.19	0.21	0.17	0.17	0.18	0.09	0.18	0.15	0.17	0.12	0.14	0.09	0.19
Hf ppm	1.90	2.10	2.10	1.70	1.90	1.80	0.70	2.00	1.50	2.70	1.40	2.90	3.30	2.80
In ppm	0.07	0.08	0.08	0.06	0.07	0.08	0.03	0.07	0.07	0.08	0.05	0.08	0.06	0.06
K %	1.49	1.62	1.55	1.32	1.44	1.43	0.59	1.34	1.22	1.56	0.95	1.18	1.19	1.19
La ppm	41.50	40.40	45.40	36.90	36.80	40.70	12.60	36.70	30.50	54.20	28.40	42.30	36.30	46.40
Li ppm	19.20	20.60	19.80	16.00	17.80	21.50	8.20	20.90	19.80	45.40	12.00	32.50	20.00	24.90
Mg %	1.42	1.36	1.33	1.14	1.24	1.50	0.53	1.13	1.59	1.67	0.82	0.75	0.51	0.73
Mn ppm	2880.	2860.0	3490.0	4950.0	2480.0		1420.0	1310.0	3250.0					
	00	0	0	0	0	597.00	0	0	0	1720.00	3680.00	1040.00	370.00	581.00
Mo ppm	1.85	2.02	2.11	1.92	1.68	1.19	1.59	2.43	1.60	4.57	2.43	3.22	3.07	2.31
Na %	1.50	1.28	1.59	1.42	1.33	1.48	0.37	1.22	1.17	1.21	1.01	1.03	0.73	1.12
Nb ppm	6.30	6.60	6.50	5.70	6.00	6.50	2.90	8.20	5.60	11.00	5.10	11.00	12.80	11.60
Ni ppm	35.70	36.90	39.90	34.10	33.60	35.10	14.20	29.70	44.70	61.80	23.90	64.60	19.90	39.30
P ppm	1200.	1300.0	1140.0	1160.0	1250.0	1090.0	1320.0	1210.0	1150.0					
	00	0	0	0	0	0	0	0	0	1000.00	1780.00	690.00	630.00	1060.00
Pb ppm	9.20	9.70	8.60	8.10	8.10	8.40	6.70	14.00	9.60	53.30	10.60	128.00	37.00	40.20
Rb ppm	92.70	111.50	106.50	85.50	96.20	92.40	40.50	89.80	63.20	90.80	55.10	65.10	65.30	60.50
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.00	<0.002	0.00
S %	0.08	0.11	0.07	0.10	0.10	0.08	0.26	0.10	0.15	0.08	0.17	0.06	0.05	0.04
Sb ppm	0.60	0.59	0.57	0.50	0.52	0.61	0.39	0.91	0.68	1.69	0.61	2.80	2.11	2.13
Sc ppm	14.60	16.50	15.10	12.40	13.70	16.10	6.30	11.80	13.20	17.40	9.90	12.20	10.00	11.80
Se ppm	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00	3.00	2.00	3.00	2.00	3.00
Sn ppm	1.80	2.10	2.10	1.80	1.80	1.80	0.80	1.90	1.40	2.10	1.30	1.50	2.00	1.50
Sr ppm	106.0													
	0	108.00	108.00	104.50	105.00	100.50	93.80	102.50	110.00	81.70	108.00	162.50	104.00	184.50
Ta ppm	0.45	0.47	0.47	0.41	0.45	0.48	0.19	0.54	0.40	0.75	0.35	0.75	0.93	0.86
Te ppm	0.07	0.07	0.08	0.06	0.07	0.07	<0.05	0.09	0.07	0.17	0.06	0.13	0.12	0.09
Th ppm	13.40	15.30	15.30	12.30	13.20	13.90	5.00	10.30	9.40	15.40	8.50	14.10	10.90	15.20
Ti %	0.29	0.28	0.27	0.25	0.26	0.29	0.12	0.32	0.30	0.36	0.23	0.37	0.45	0.43
Tl ppm	0.41	0.48	0.46	0.41	0.40	0.43	0.24	0.44	0.34	0.62	0.37	0.78	0.61	0.64
U ppm	4.90	5.00	6.00	4.30	4.80	6.80	2.70	3.50	4.40	7.30	2.80	4.00	2.70	4.50
V ppm	97.00	93.00	87.00	79.00	82.00	103.00	42.00	107.00	108.00	109.00	77.00	105.00	136.00	105.00
W ppm	1.70	2.00	2.20	1.70	1.70	1.80	0.60	1.70	1.40	1.90	1.20	1.10	1.40	1.40
Y ppm	28.20	30.50	31.00	25.80	26.40	29.00	9.50	14.50	21.20	27.30	11.60	18.00	10.80	18.80
Zn ppm	51.00	58.00	41.00	36.00	54.00	48.00	63.00	51.00	77.00	132.00	29.00	243.00	81.00	119.00
Zr ppm	60.80	66.00	67.80	57.10	58.20	58.30	25.00	58.60	48.10	90.50	46.20	80.70	86.10	86.40
Au ppm	0.01	<0.001	0.00	0.00	0.00	0.00	<0.001	0.00	0.00	0.01	0.00	0.01	0.00	0.00
Sample	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779
Ag ppm	0.06	0.04	0.04	0.08	0.05	0.04	0.08	0.07	0.13	0.34	0.16	0.67	0.23	0.36
Al %	6.38	6.29	6.55	5.73	5.83	6.14	2.35	5.71	5.37	5.74	3.97	6.10	5.67	5.54
As ppm	9.20	9.20	8.10	7.10	6.90	7.30	4.00	14.20	17.90	38.70	6.70	53.50	33.00	27.80
Ba ppm	790.0													
	0	800.00	760.00	710.00	710.00	660.00	450.00	620.00	860.00	500.00	660.00	720.00	620.00	720.00

Sample	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793
Ag ppm	0.16	0.53	0.32	0.33	0.28	0.84	0.83	0.71	0.08	0.07	0.08	0.05	0.10	0.07
Al %	4.73	6.14	5.61	4.58	4.34	4.98	6.96	7.65	3.26	4.22	4.40	5.09	3.93	4.97
As ppm	24.60	44.70	30.40	135.50	31.20	110.00	63.90	242.00	3.10	37.70	93.60	3.20	3.20	4.70
Ba ppm	540.0								1590.0					
	0	700.00	600.00	350.00	510.00	490.00	630.00	570.00	0	840.00	600.00	1860.00	1280.00	1540.00
Be ppm	1.02	2.29	1.60	1.35	1.24	1.46	4.15	5.30	1.26	1.13	1.20	1.84	1.19	1.52
Bi ppm	0.85	4.52	1.42	4.59	0.88	3.84	1.66	2.56	0.21	1.22	0.99	0.11	0.31	0.27
Ca %	0.46	0.68	0.50	0.26	0.48	0.44	0.32	0.57	2.24	0.92	0.60	1.56	1.11	0.72
Cd ppm	0.16	0.33	0.37	0.21	0.21	0.21	0.83	1.06	0.10	0.19	0.14	0.23	0.13	0.25
Ce ppm	67.40	80.70	67.80	83.80	60.60	80.30	128.00	88.00	79.60	81.90	117.00	113.00	88.40	106.50
Co ppm	8.30	18.70	11.80	6.70	7.90	18.80	117.50	119.00	15.60	24.00	44.00	11.70	13.00	22.50
Cr ppm	72.00	75.00	72.00	58.00	55.00	58.00	64.00	63.00	65.00	58.00	59.00	35.00	33.00	37.00
Cs ppm	4.16	6.42	5.88	6.29	4.22	6.43	9.73	9.65	5.94	3.78	3.38	5.86	5.27	6.57
Cu ppm	28.30	84.50	51.40	56.50	36.50	140.00	148.00	164.50	217.00	34.30	134.50	9.30	20.90	31.40
Fe %	4.51	6.40	4.77	9.11	4.23	14.00	6.10	6.78	2.74	2.87	3.96	3.40	2.31	3.34
Ga ppm	13.85	13.85	14.50	14.45	11.55	10.25	14.80	13.85	9.48	12.10	13.80	14.05	11.05	14.85
Ge ppm	0.11	0.13	0.12	0.14	0.09	0.21	0.23	0.22	0.22	0.19	0.23	0.28	0.20	0.22
Hf ppm	2.90	3.30	3.30	3.10	2.60	2.10	3.10	2.50	1.40	2.30	2.50	1.90	1.10	1.40
In ppm	0.05	0.07	0.06	0.06	0.05	0.11	0.09	0.15	0.06	0.04	0.04	0.06	0.04	0.06
K %	1.12	1.29	1.21	0.90	1.04	1.23	2.27	1.47	1.66	1.24	1.16	1.58	1.21	1.27
La ppm	34.50	41.10	34.10	43.20	31.50	39.10	61.30	40.50	41.10	42.40	61.20	58.30	43.90	51.10
Li ppm	15.50	22.30	23.20	15.60	14.00	18.30	45.70	43.80	31.50	18.70	25.30	22.50	18.00	29.30
Mg %	0.48	0.72	0.60	0.42	0.49	0.60	1.01	0.92	0.95	0.66	0.87	0.72	0.66	0.86
Mn ppm	556.0						3260.0	5830.0	8100.0					
	0	705.00	641.00	223.00	344.00	642.00	0	0	0	1170.00	797.00	12700.00	5020.00	8400.00
Mo ppm	2.87	3.91	3.16	5.43	2.86	6.51	7.43	6.38	1.13	2.19	2.15	0.53	1.57	1.66
Na %	0.68	0.93	0.78	0.46	0.71	0.65	0.52	0.54	0.28	0.85	0.74	1.39	0.90	0.81
Nb ppm	11.30	10.60	11.10	8.80	8.80	7.90	8.10	7.00	3.00	10.80	12.30	2.50	3.50	4.20
Ni ppm	22.60	39.40	29.40	17.30	20.20	36.70	164.50	161.00	29.20	23.10	28.10	21.90	23.80	27.80
P ppm	700.0	1320.0	1260.0	2190.0	1190.0	1440.0	1180.0	1580.0	1260.0					
	0	0	0	0	0	0	0	0	0	1080.00	1090.00	1760.00	2510.00	1970.00
Pb ppm	37.20	62.40	36.60	66.40	32.10	114.50	108.50	75.90	6.20	12.40	32.10	13.50	20.90	23.20
Rb ppm	54.80	67.80	66.90	53.50	57.30	59.20	116.50	85.20	104.00	69.30	67.40	116.00	89.50	95.80
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.00	<0.002	<0.002	0.00	<0.002	<0.002
S %	0.06	0.10	0.11	0.18	0.11	0.17	0.22	0.18	0.14	0.08	0.07	0.11	0.19	0.12
Sb ppm	2.03	4.00	2.48	9.10	2.29	11.30	3.63	4.25	0.66	1.06	1.22	0.46	0.47	0.59
Sc ppm	9.10	11.80	10.90	8.40	8.70	7.60	12.40	21.60	8.20	8.80	9.40	9.50	7.40	9.30
Se ppm	2.00	3.00	3.00	3.00	2.00	3.00	3.00	4.00	2.00	2.00	2.00	2.00	2.00	2.00
Sn ppm	1.60	1.60	1.70	1.50	1.30	1.30	1.90	1.70	1.20	1.30	1.50	1.60	1.20	1.50
Sr ppm	93.70	140.00	109.00	57.60	99.60	84.40	52.60	81.20	862.00	123.50	100.50	64.30	65.60	76.40
Ta ppm	0.79	0.76	0.77	0.65	0.63	0.55	0.55	0.49	0.20	0.77	0.82	0.19	0.27	0.29
Te ppm	0.13	0.18	0.13	0.36	0.09	0.29	0.18	0.14	<0.05	0.08	0.31	0.05	0.05	0.07
Th ppm	10.20	21.60	13.20	19.60	12.20	26.90	19.90	24.20	8.70	11.90	16.60	14.80	10.40	12.80
Ti %	0.39	0.37	0.39	0.30	0.30	0.27	0.25	0.21	0.12	0.35	0.34	0.12	0.15	0.19
Tl ppm	0.50	1.37	0.77	0.57	0.57	1.28	1.29	1.75	0.43	0.36	0.37	0.60	0.49	1.53
U ppm	2.50	5.00	3.80	3.30	3.00	4.20	10.80	13.00	2.30	2.60	3.20	1.90	1.60	2.50
V ppm	111.0													
	0	105.00	109.00	82.00	80.00	81.00	79.00	83.00	42.00	86.00	86.00	45.00	43.00	70.00
W ppm	1.30	1.10	1.20	0.90	0.90	1.00	1.10	1.10	0.80	1.20	1.30	1.20	1.10	1.00
Y ppm	10.70	15.80	14.10	11.40	10.20	13.20	31.40	41.10	29.90	12.60	14.60	40.80	13.60	17.70
Zn ppm	65.00	146.00	117.00	90.00	72.00	148.00	263.00	245.00	23.00	81.00	76.00	80.00	71.00	152.00
Zr ppm	78.80	83.20	88.00	87.00	69.40	69.00	98.90	73.70	48.20	75.40	83.50	57.20	33.60	44.90
Au ppm	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00
Sample	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793
Ag ppm	0.16	0.53	0.32	0.33	0.28	0.84	0.83	0.71	0.08	0.07	0.08	0.05	0.10	0.07
Al %	4.73	6.14	5.61	4.58	4.34	4.98	6.96	7.65	3.26	4.22	4.40	5.09	3.93	4.97
As ppm	24.60	44.70	30.40	135.50	31.20	110.00	63.90	242.00	3.10	37.70	93.60	3.20	3.20	4.70
Ba ppm	540.0								1590.0					
	0	700.00	600.00	350.00	510.00	490.00	630.00	570.00	0	840.00	600.00	1860.00	1280.00	1540.00

Sample	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807
Ag ppm	0.09	0.09	0.04	0.05	0.06	0.04	0.05	0.55	0.24	0.12	0.17	0.11	0.10	0.11
Al %	5.73	5.44	6.13	6.85	6.19	5.54	6.23	3.56	5.45	5.75	6.00	6.34	6.11	6.51
As ppm	4.50	4.70	3.10	3.00	4.40	3.10	8.30	383.00	21.90	24.50	13.70	17.10	17.30	14.40
Ba ppm	1710.00	1190.00	1500.00	1420.00	1130.00		1500.00							
Be ppm	1.70	1.68	1.88	2.34	2.09	1.90	2.04	1.08	1.25	1.72	1.68	1.67	1.71	1.55
Bi ppm	0.22	0.33	0.17	0.34	0.23	0.22	0.09	1.38	0.33	0.52	0.46	0.36	0.35	0.30
Ca %	0.73	0.36	0.28	0.52	0.88	0.82	0.64	1.69	1.37	0.90	1.49	1.22	0.99	1.32
Cd ppm	0.22	0.26	0.07	0.14	0.20	0.21	0.16	1.14	0.12	0.22	0.13	0.25	0.44	0.26
Ce ppm	96.30	96.10	96.70	82.80	92.90	94.70	89.20	47.20	86.70	84.50	77.10	71.00	67.80	70.00
Co ppm	21.50	22.80	12.20	17.60	16.60	16.70	14.70	42.30	24.80	33.40	34.20	45.50	47.10	40.20
Cr ppm	41.00	47.00	47.00	56.00	51.00	42.00	56.00	44.00	57.00	70.00	67.00	83.00	80.00	83.00
Cs ppm	7.09	8.44	9.42	11.65	9.47	8.07	7.15	3.90	4.10	5.38	5.90	6.07	5.90	4.92
Cu ppm	31.10	187.00	3.90	6.10	8.30	6.60	6.20	302.00	122.50	85.40	207.00	347.00	334.00	244.00
Fe %	4.14	5.91	3.31	3.27	3.26	2.82	3.49	8.02	4.81	5.51	5.85	6.47	7.00	6.16
Ga ppm	15.45	16.05	17.05	19.15	17.20	15.60	17.05	8.27	13.20	16.00	16.45	18.00	16.60	16.00
Ge ppm	0.21	0.22	0.20	0.21	0.22	0.21	0.22	0.16	0.17	0.22	0.19	0.22	0.20	0.13
Hf ppm	1.50	1.80	2.00	1.60	2.20	2.10	2.20	1.20	1.50	2.40	2.30	2.30	2.20	2.40
In ppm	0.06	0.07	0.05	0.06	0.05	0.05	0.06	0.12	0.06	0.07	0.07	0.08	0.08	0.08
K %	1.50	1.69	2.16	2.68	2.29	2.33	3.26	0.79	1.44	1.38	1.62	1.13	1.16	1.12
La ppm	47.60	48.30	50.20	41.30	48.00	48.20	46.80	28.40	44.50	42.10	43.80	37.50	36.00	35.80
Li ppm	31.80	27.70	34.10	45.00	38.90	39.00	43.70	11.00	18.00	35.50	36.60	43.10	43.50	29.40
Mg %	1.13	0.76	0.65	1.34	1.02	1.06	1.12	0.49	1.62	1.17	2.06	2.60	2.24	2.14
Mn ppm	5730.00	7140.00	2450.00	1620.00	2660.00	3130.00	3090.00	9190.00	2000.00					
Mo ppm	1.82	3.71	0.71	0.87	0.70	1.03	1.18	10.85	2.74	3.83	1.80	3.46	2.40	2.07
Na %	0.94	0.42	1.34	1.03	0.98	0.87	0.93	0.41	1.44	1.31	1.50	1.54	1.37	1.70
Nb ppm	3.70	5.70	10.80	13.40	10.30	5.70	6.10	5.00	7.10	9.90	8.60	11.30	9.40	10.70
Ni ppm	36.90	28.80	20.10	29.80	29.10	27.00	34.80	43.40	30.10	41.10	52.90	71.20	70.50	56.00
P ppm	3170.00	2410.00	1540.00	1040.00	1330.00			2860.00	1570.00					
Pb ppm	13.60	23.40	9.20	8.30	8.10	6.10	6.20	38.40	12.30	34.00	25.60	21.40	28.10	18.30
Rb ppm	113.50													
Re ppm	<0.002													
S %	0.17	0.14	0.07	0.05	0.07	0.06	0.03	0.26	0.13	0.07	0.08	0.03	0.04	0.03
Sb ppm	0.62	0.77	0.57	0.62	0.62	0.67	1.31	1.68	0.61	1.46	0.92	1.12	1.04	1.13
Sc ppm	10.30	9.10	9.70	12.60	11.50	10.40	11.80	26.30	15.40	14.80	16.80	20.50	18.40	18.10
Se ppm	2.00	2.00	1.00	2.00	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00
Sn ppm	1.60	1.70	2.20	2.70	2.20	2.00	2.20	1.00	1.80	2.00	2.30	2.00	1.60	1.70
Sr ppm	67.70	51.40	58.40	62.80	81.20	80.70	114.00	56.70	54.10	101.00	96.80	106.00	101.50	133.50
Ta ppm	0.26	0.36	0.77	1.00	0.72	0.38	0.44	0.33	0.51	0.72	0.69	0.87	0.72	0.76
Te ppm	0.05	0.07	0.05	0.05	0.06	0.08	<0.05	0.17	0.06	0.13	0.10	0.08	0.08	0.06
Th ppm	14.40	12.20	14.40	17.70	14.30	14.10	15.30	8.60	10.30	12.40	14.10	11.00	10.10	10.00
Ti %	0.18	0.22	0.33	0.39	0.31	0.27	0.33	0.18	0.36	0.36	0.35	0.49	0.46	0.51
Tl ppm	0.78	0.94	0.83	0.93	0.85	0.67	0.65	0.53	0.36	0.52	0.41	0.40	0.46	0.39
U ppm	2.80	4.80	2.40	3.20	3.00	3.00	3.00	6.40	3.50	3.50	6.50	9.00	5.30	3.70
V ppm	61.00	69.00	62.00	71.00	65.00	57.00	82.00	78.00	134.00	116.00	116.00	173.00	161.00	162.00
W ppm	1.30	1.10	1.80	2.30	1.60	1.40	1.50	0.80	1.70	1.80	2.30	2.80	2.20	2.30
Y ppm	20.50	21.50	9.10	19.30	18.50	20.70	24.30	27.40	16.90	17.30	30.30	23.20	26.70	18.50
Zn ppm	151.00													
Zr ppm	45.40	58.40	62.50	51.40	67.80	66.70	69.10	41.80	46.20	77.40	71.80	72.30	66.20	60.30
Au ppm	0.01	<0.001	0.02	0.02	<0.001	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.01
Sample	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807
Ag ppm	0.09	0.09	0.04	0.05	0.06	0.04	0.05	0.55	0.24	0.12	0.17	0.11	0.10	0.11
Al %	5.73	5.44	6.13	6.85	6.19	5.54	6.23	3.56	5.45	5.75	6.00	6.34	6.11	6.51
As ppm	4.50	4.70	3.10	3.00	4.40	3.10	8.30	383.00	21.90	24.50	13.70	17.10	17.30	14.40
Ba ppm	1710.00	1190.00	1500.00	1420.00	1130.00		1500.00							
Be ppm	1.70	1.68	1.88	2.34	2.09	1.90	2.04	1.08	1.25	1.72	1.68	1.67	1.71	1.55
Bi ppm	0.22	0.33	0.17	0.34	0.23	0.22	0.09	1.38	0.33	0.52	0.46	0.36	0.35	0.30
Ca %	0.73	0.36	0.28	0.52	0.88	0.82	0.64	1.69	1.37	0.90	1.49	1.22	0.99	1.32
Cd ppm	0.22	0.26	0.07	0.14	0.20	0.21	0.16	1.14	0.12	0.22	0.13	0.25	0.44	0.26
Ce ppm	96.30	96.10	96.70	82.80	92.90	94.70	89.20	47.20	86.70	84.50	77.10	71.00	67.80	70.00
Co ppm	21.50	22.80	12.20	17.60	16.60	16.70	14.70	42.30	24.80	33.40	34.20	45.50	47.10	40.20
Cr ppm	41.00	47.00	47.00	56.00	51.00	42.00	56.00	44.00	57.00	70.00	67.00	83.00	80.00	83.00
Cs ppm	7.09	8.44	9.42	11.65	9.47	8.07	7.15	3.90	4.10	5.38	5.90	6.07	5.90	4.92
Cu ppm	31.10	187.00	3.90	6.10	8.30	6.60	6.20	302.00	122.50	85.40	207.00	347.00	334.00	244.00
Fe %	4.14	5.91	3.31	3.27	3.26	2.82	3.49	8.02	4.81	5.51	5.85	6.47	7.00	6.16
Ga ppm	15.45	16.05	17.05	19.15	17.20	15.60	17.05	8.27	13.20	16.00	16.45	18.00	16.60	16.00
Ge ppm	0.21	0.22	0.20	0.21	0.22	0.21	0.22	0.16	0.17	0.22	0.19	0.22	0.20	0.13
Hf ppm	1.50	1.80	2.00	1.60	2.20	2.10	2.20	1.20	1.50	2.40	2.30	2.30	2.20	2.40
In ppm	0.06	0.07	0.05	0.06	0.05	0.05	0.06	0.12	0.06	0.07	0.07	0.08	0.08	0.08
K %	1.50	1.69	2.16	2.68	2.29	2.33	3.26	0.79	1.44	1.38	1.62	1.13	1.16	1.12
La ppm	47.60	48.30	50.20	41.30	48.00	48.20	46.80	28.40	44.50	42.10	43.80	37.50	36.00	35.80
Li ppm	31.80	27.70	34.10	45.00	38.90	39.00	43.70	11.00	18.00	35.50	36.60	43.10	43.50	29.40
Mg %	1.13	0.76	0.65	1.34	1.02	1.06	1.12	0.49	1.62	1.17	2.06	2.60	2.24	2.14
Mn ppm	5730.00	7140.00	2450.00	1620.00	2660.00	3130.00	3090.00	9190.00	2000.00					
Mo ppm	1.82	3.71	0.71	0.87	0.70	1.03	1.18	10.85	2.74	3.83	1.80	3.46	2.40	2.07
Na %	0.94	0.42	1.34	1.03	0.98	0.87	0.93	0.41	1.44	1.31	1.50	1.54	1.37	1.70
Nb ppm	3.70	5.70	10.80	13.40	10.30	5.70	6.10	5.00	7.10	9.90	8.60	11.30	9.40	10.70
Ni ppm	36.90	28.80	20.10	29.80	29.10	27.00	34.80	43.40	30.10	41.10	52.90	71.20	70.50	56.00
P ppm	3170.00	2410.00	1540.00	1040.00	1330.00			2860.00	1570.00					
Pb ppm	13.60	23.40	9.20	8.30	8.10	6.10	6.20	38.40	12.30	34.00	25.60	21.40	28.10	18.30
Rb ppm	113.50													
Re ppm	<0.002													
S %	0.17	0.14	0.07	0.05	0.07	0.06	0.03	0.26	0.13	0.07	0.08	0.03	0.04	0.03
Sb ppm	0.62	0.77	0.57	0.62	0.62	0.67	1.31	1.68	0.61	1.46	0.92	1.12	1.04	1.13
Sc ppm	10.30	9.10	9.70	12.60	11.50	10.40	11.80	26.30	15.40	14.80	16.80	20.50	18.40	18.10
Se ppm	2.00	2.00	1.00	2.00	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00
Sn ppm	1.60	1.70	2.20	2.70	2.20	2.00	2.20	1.00	1.80	2.00	2.30	2.00	1.60	1.70
Sr ppm	67.70	51.40	58.40	62.80	81.20	80.70	114.00	56.70	54.10	101.00	96.80	106.00	101.50	133.50
Ta ppm	0.26	0.36	0.77	1.00	0.72	0.38	0.44	0.33	0.51	0.72	0.69	0.87	0.72	0.76
Te ppm	0.05	0.07												

Sample	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821
Ag ppm	0.12	0.18	0.11	0.10	0.08	0.10	0.45	0.03	0.21	0.10	0.43	0.24	0.58	0.32
Al %	6.65	7.19	7.38	7.26	6.75	5.84	6.04	5.91	6.48	5.97	6.68	4.01	3.27	2.12
As ppm	15.40	15.80	14.90	13.90	12.60	13.50	17.40	10.50	63.40	10.60	110.50	171.00	534.00	99.40
Ba ppm	640.0													
	0	730.00	490.00	550.00	480.00	420.00	470.00	550.00	690.00	540.00	820.00	380.00	460.00	230.00
Be ppm	1.51	1.67	1.51	1.86	1.61	1.33	1.66	0.95	2.25	1.40	2.34	0.77	0.90	0.45
Bi ppm	0.33	0.38	0.39	0.44	0.32	0.34	0.43	0.30	0.92	0.54	0.78	0.94	2.10	1.15
Ca %	1.25	1.33	1.99	1.23	1.54	1.28	0.99	0.70	0.77	0.85	0.63	0.32	0.94	1.06
Cd ppm	0.27	0.23	0.12	0.20	0.18	0.25	0.51	0.10	0.28	0.28	0.28	0.35	0.74	0.56
Ce ppm	78.80	76.80	69.90	60.30	81.80	66.80	86.80	48.30	124.50	91.20	87.30	55.90	74.00	59.30
Co ppm	43.90	46.10	55.90	53.20	41.70	42.90	37.60	22.20	33.10	33.00	24.50	7.50	60.40	24.70
Cr ppm	84.00	92.00	113.00	86.00	110.00	86.00	99.00	71.00	82.00	66.00	76.00	49.00	34.00	10.00
Cs ppm	5.40	6.83	6.69	8.90	4.61	4.41	5.29	4.30	7.40	6.90	6.24	4.98	3.17	1.53
Cu ppm	293.0													
	0	375.00	444.00	413.00	286.00	138.00	143.50	101.00	147.50	75.90	118.00	69.60	957.00	203.00
Fe %	6.18	6.77	9.02	7.44	7.47	6.73	7.24	4.99	6.01	5.82	4.74	3.61	22.80	26.90
Ga ppm	16.55	18.75	17.55	21.60	16.90	17.30	15.90	11.65	16.55	18.20	16.25	12.35	7.17	6.40
Ge ppm	0.12	0.12	0.14	0.13	0.14	0.19	0.20	0.10	0.18	0.16	0.16	0.09	0.29	0.38
Hf ppm	2.60	2.80	2.30	2.60	2.80	2.00	2.20	1.50	2.90	2.40	2.70	2.10	1.40	0.90
In ppm	0.08	0.08	0.11	0.09	0.10	0.09	0.11	0.06	0.08	0.07	0.07	0.06	0.26	0.29
K %	1.20	1.21	1.11	1.06	1.03	0.94	1.20	1.03	1.61	1.80	1.50	1.12	0.61	0.23
La ppm	38.70	41.10	34.60	32.10	42.40	36.60	40.80	24.80	62.00	49.10	48.60	29.20	42.80	30.10
Li ppm	31.10	34.50	33.20	40.70	30.20	31.00	41.10	28.60	39.40	22.30	38.60	12.10	9.20	3.60
Mg %	2.17	2.53	3.09	3.32	2.80	2.45	2.03	1.69	1.27	1.19	0.85	0.34	0.56	0.72
Mn ppm	2110.	2060.0	1840.0	2770.0	1640.0	1995.0	3460.0	1185.0	1470.0					
	00	0	0	0	0	0	0	0	0	2130.00	1115.00	537.00	29400.00	39600.00
Mo ppm	2.45	2.44	1.40	2.59	1.90	2.10	2.86	3.99	8.01	3.60	14.25	7.67	6.25	4.78
Na %	1.62	1.66	2.14	1.60	1.95	1.80	1.37	0.99	1.15	1.69	0.92	0.64	0.51	0.95
Nb ppm	10.90	11.60	14.20	9.70	13.50	12.20	10.90	7.80	11.20	10.50	11.20	8.80	2.50	1.40
Ni ppm	59.20	69.80	80.60	79.80	61.30	56.50	58.40	33.30	66.50	32.70	47.50	15.50	85.10	49.20
P ppm	840.0			1240.0	1040.0				1140.0					
	0	880.00	550.00	0	0	760.00	980.00	530.00	0	870.00	1070.00	1790.00	1280.00	620.00
Pb ppm	20.50	22.30	15.30	20.00	14.70	17.30	31.80	17.20	55.90	23.80	46.80	22.70	66.10	38.40
Rb ppm	81.80	93.00	87.70	83.40	59.30	62.90	66.50	48.80	98.70	95.30	89.00	51.90	27.20	11.70
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.00	0.00	0.01	0.00	0.01
S %	0.03	0.03	0.02	0.08	0.03	0.03	0.04	0.02	0.05	0.05	0.04	0.11	0.10	0.09
Sb ppm	1.15	1.17	1.28	1.07	1.12	0.99	1.12	0.65	2.22	0.83	1.74	1.16	1.98	0.89
Sc ppm	17.90	20.10	24.60	19.20	19.90	19.90	18.20	10.50	16.80	16.40	16.80	15.00	68.70	107.50
Se ppm	2.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00	2.00	3.00	2.00	4.00	3.00
Sn ppm	1.70	1.90	2.10	2.00	2.20	2.10	1.70	1.20	2.00	2.50	1.80	1.40	0.50	0.20
Sr ppm	139.5													
	0	145.00	133.00	104.00	133.00	110.50	94.00	85.70	115.00	95.30	144.00	68.40	43.00	42.10
Ta ppm	0.76	0.81	1.01	0.67	0.98	0.92	0.71	0.51	0.72	0.74	0.72	0.57	0.18	0.11
Te ppm	0.07	0.06	0.05	0.10	0.06	0.08	0.08	0.07	0.15	0.09	0.12	0.13	0.18	0.08
Th ppm	11.30	11.50	9.00	11.30	10.80	8.60	11.00	6.50	19.10	12.50	15.10	8.50	9.00	4.10
Ti %	0.51	0.53	0.72	0.48	0.64	0.52	0.44	0.42	0.38	0.41	0.38	0.36	0.12	0.05
Tl ppm	0.42	0.44	0.39	0.43	0.28	0.29	0.52	0.35	0.71	0.49	0.77	0.58	0.37	0.30
U ppm	3.70	4.80	3.00	4.20	4.30	3.10	3.50	2.20	8.40	3.90	27.50	3.60	3.40	1.60
V ppm	164.0													
	0	181.00	235.00	186.00	195.00	176.00	153.00	151.00	118.00	141.00	125.00	117.00	90.00	50.00
W ppm	2.20	2.30	3.80	2.50	2.80	2.50	1.90	1.20	1.60	2.30	1.30	1.10	0.60	0.40
Y ppm	19.20	25.80	22.00	20.40	20.90	19.80	19.60	10.40	25.50	16.00	29.00	9.90	67.30	85.40
Zn ppm	110.0													
	0	122.00	111.00	124.00	108.00	88.00	124.00	87.00	179.00	67.00	152.00	68.00	185.00	112.00
Zr ppm	65.80	69.90	55.30	69.10	71.00	62.90	74.80	51.60	98.30	79.20	87.80	72.70	43.40	27.80
Au ppm	0.01	0.01	0.03	0.00	0.01	0.00	<0.001	0.00	0.01	0.00	0.00	0.00	0.01	0.00
Sample	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821
Ag ppm	0.12	0.18	0.11	0.10	0.08	0.10	0.45	0.03	0.21	0.10	0.43	0.24	0.58	0.32
Al %	6.65	7.19	7.38	7.26	6.75	5.84	6.04	5.91	6.48	5.97	6.68	4.01	3.27	2.12
As ppm	15.40	15.80	14.90	13.90	12.60	13.50	17.40	10.50	63.40	10.60	110.50	171.00	534.00	99.40
Ba ppm	640.0													
	0	730.00	490.00	550.00	480.00	420.00	470.00	550.00	690.00	540.00	820.00	380.00	460.00	230.00

Sample	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835
Ag ppm	0.24	0.51	2.64	0.80	0.12	0.10	0.23	0.22	0.26	0.29	0.17	0.25	0.23	0.25
Al %	5.70	5.27	1.98	5.22	4.92	5.10	5.14	4.94	5.72	5.92	7.10	6.07	7.03	5.10
As ppm			1510.0											
	39.00	89.10	0	43.00	23.60	29.00	28.50	27.50	27.90	47.60	53.80	50.50	44.80	19.30
Ba ppm	500.0													
	0	490.00	420.00	600.00	500.00	630.00	640.00	600.00	460.00	760.00	560.00	560.00	790.00	450.00
Be ppm	1.55	2.52	1.00	1.75	1.15	1.12	1.62	1.52	2.10	3.02	3.10	3.60	3.32	1.45
Bi ppm	1.34	2.25	5.46	2.13	0.67	0.78	0.93	0.91	3.31	1.39	2.72	2.27	1.32	0.78
Ca %	0.47	0.55	0.11	0.56	0.32	0.38	0.59	0.56	0.28	1.01	0.39	0.38	0.65	0.37
Cd ppm	0.28	0.25	1.58	0.37	0.23	0.10	0.25	0.27	0.14	0.37	0.15	0.28	0.37	0.24
Ce ppm	104.5													
	0	90.40	193.50	63.50	62.00	65.00	73.70	64.40	66.80	106.50	145.00	131.50	86.40	72.90
Co ppm	14.80	26.00	356.00	15.20	9.20	6.20	10.10	9.80	7.80	70.70	75.50	77.00	73.10	16.10
Cr ppm	70.00	57.00	16.00	65.00	59.00	63.00	62.00	59.00	61.00	74.00	61.00	61.00	77.00	63.00
Cs ppm	9.26	7.26	2.17	5.99	4.62	4.24	3.78	3.54	5.23	5.99	8.38	8.61	8.88	5.20
Cu ppm			2800.0											
	72.50	264.00	0	56.00	28.20	24.20	106.00	108.50	62.00	111.00	124.00	119.50	89.80	77.30
Fe %	6.27	6.16	37.00	5.03	4.79	3.52	4.04	3.93	3.48	5.06	6.13	5.58	5.21	4.52
Ga ppm	17.25	12.90	5.75	13.45	16.20	17.50	14.30	12.85	18.25	13.70	17.95	15.30	17.40	15.00
Ge ppm	0.17	0.16	0.49	0.10	0.11	0.10	0.11	0.10	0.15	0.15	0.18	0.16	0.14	0.12
Hf ppm	2.90	2.50	0.90	3.10	3.10	3.00	2.90	2.70	3.60	4.00	3.70	3.60	4.00	3.40
In ppm	0.09	0.09	0.44	0.07	0.07	0.05	0.06	0.05	0.07	0.09	0.09	0.08	0.09	0.06
K %	1.34	1.08	0.43	1.14	1.07	1.10	1.14	1.09	1.53	1.16	1.73	1.31	1.39	1.13
La ppm	53.30	44.40	60.10	33.60	31.90	34.20	38.90	34.10	34.50	54.80	74.90	68.50	43.00	39.00
Li ppm	22.40	27.40	6.40	20.90	22.60	21.80	20.80	19.50	15.20	25.40	37.00	33.70	37.60	16.90
Mg %	0.69	0.72	0.28	0.61	0.59	0.42	0.56	0.55	0.44	0.82	1.13	0.84	0.94	0.56
Mn ppm	1385.	1135.0	30800.											
	00	0	00	550.00	937.00	290.00	437.00	444.00	446.00	2420.00	2070.00	2110.00	2190.00	830.00
Mo ppm	5.59	3.38	1.81	3.77	2.93	2.44	3.11	2.88	3.95	3.73	5.02	4.73	3.52	3.16
Na %	0.77	0.79	0.31	0.76	0.67	0.67	0.85	0.84	0.73	1.01	0.62	0.51	0.84	0.73
Nb ppm	12.20	9.60	2.00	10.60	10.70	13.40	10.90	10.20	11.10	12.20	10.80	11.30	13.00	9.40
Ni ppm	30.00	54.30	679.00	27.10	17.40	14.80	27.30	27.40	18.70	74.30	72.40	80.10	74.80	24.60
P ppm	126.0	1060.0		1430.0					1170.0					
	00	0	560.00	0	640.00	290.00	900.00	970.00	0	1710.00	1640.00	1920.00	2090.00	2270.00
Pb ppm	55.40	67.80	508.00	106.50	46.70	28.00	42.80	41.50	29.50	30.10	34.10	31.80	26.10	19.90
Rb ppm	75.80	63.20	20.80	65.70	52.80	60.40	59.20	54.30	86.20	64.30	110.00	88.80	86.90	64.60
Re ppm	<0.002													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.13	0.11	0.75	0.11	0.05	0.02	0.06	0.07	0.10	0.15	0.18	0.20	0.11	0.22
Sb ppm	2.72	2.51	3.78	2.85	1.93	1.65	1.85	1.77	1.70	2.19	3.19	2.76	2.25	1.40
Sc ppm	15.90	11.90	23.10	10.50	9.50	9.40	10.20	9.40	11.20	13.10	13.00	11.50	14.20	10.40
Se ppm	3.00	3.00	6.00	3.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00
Sn ppm	1.90	1.30	0.40	1.50	1.80	2.00	1.60	1.40	2.10	1.60	2.00	1.80	1.90	1.60
Sr ppm	93.60	116.50	28.60	115.50	78.90	98.90	127.00	120.50	68.60	165.50	80.20	80.30	135.00	78.00
Ta ppm	0.78	0.63	0.14	0.75	0.73	0.94	0.76	0.71	0.79	0.89	0.81	0.83	0.90	0.66
Te ppm	0.15	0.12	0.20	0.15	0.11	0.08	0.11	0.10	0.11	0.19	0.33	0.27	0.17	0.13
Th ppm	16.30	12.70	10.40	15.00	9.00	9.40	10.90	10.20	12.20	37.50	30.60	31.80	25.80	16.10
Ti %	0.42	0.33	0.07	0.36	0.36	0.48	0.38	0.36	0.36	0.42	0.34	0.34	0.42	0.35
Tl ppm	0.80	0.71	0.67	1.25	0.57	0.55	0.66	0.62	0.51	0.43	0.64	0.55	0.58	0.47
U ppm	4.00	3.60	2.30	3.80	2.50	2.40	2.80	2.60	2.90	6.50	5.30	5.70	6.70	4.20
V ppm	128.0													
	0	94.00	74.00	101.00	112.00	144.00	105.00	97.00	110.00	98.00	85.00	82.00	119.00	100.00
W ppm	1.30	1.00	0.40	1.20	1.20	1.40	1.20	1.00	1.50	1.40	1.50	1.40	1.60	1.30
Y ppm	17.10	17.50	25.00	12.70	10.90	10.40	12.90	12.20	12.30	29.90	18.60	19.50	23.70	12.30
Zn ppm	102.0													
	0	116.00	616.00	116.00	93.00	51.00	95.00	97.00	67.00	99.00	100.00	97.00	133.00	61.00
Zr ppm	103.0													
	0	86.90	28.50	82.10	82.20	82.50	79.30	75.60	100.00	110.50	105.00	101.50	111.50	97.80
Au ppm	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.03
Sample	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835
Ag ppm	0.24	0.51	2.64	0.80	0.12	0.10	0.23	0.22	0.26	0.29	0.17	0.25	0.23	0.25
Al %	5.70	5.27	1.98	5.22	4.92	5.10	5.14	4.94	5.72	5.92	7.10	6.07	7.03	5.10
As ppm			1510.0											
	39.00	89.10	0	43.00	23.60	29.00	28.50	27.50	27.90	47.60	53.80	50.50	44.80	19.30
Ba ppm	500.0													
	0	490.00	420.00	600.00	500.00	630.00	640.00	600.00	460.00	760.00	560.00	560.00	790.00	450.00

Sample	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849
Ag ppm	0.32	0.10	0.11	0.15	0.23	0.12	0.09	0.08	0.13	0.03	0.06	0.07	0.15	0.14
Al %	6.56	6.59	7.62	6.74	5.48	6.08	6.48	6.70	6.66	6.82	5.96	6.36	7.63	5.93
As ppm	85.50	18.00	9.50	76.60	86.60	19.20	38.90	17.60	153.00	5.10	6.80	11.60	13.10	7.30
Ba ppm	710.0			1190.0	1140.0	2890.0								
	0	570.00	270.00	0	0	0	950.00	420.00	520.00	630.00	570.00	480.00	850.00	410.00
Be ppm	2.85	1.84	1.77	2.01	2.60	1.55	1.82	2.44	2.64	2.30	1.52	1.87	1.87	1.60
Bi ppm	2.76	0.61	0.62	1.59	3.03	0.68	0.93	0.36	1.38	0.15	0.20	0.34	0.61	0.36
Ca %	0.58	0.42	1.22	1.33	0.40	0.30	0.51	1.82	0.71	1.00	2.15	1.52	1.85	1.40
Cd ppm	0.57	0.09	0.11	0.13	0.46	0.12	0.09	0.12	0.17	0.10	0.22	0.21	0.23	0.44
Ce ppm	152.0													
	0	128.50	66.80	82.10	135.00	114.50	158.00	111.50	117.00	115.00	111.00	81.80	108.00	102.00
Co ppm	57.50	22.90	93.70	62.90	35.50	48.80	39.30	57.40	113.00	41.50	28.60	39.70	67.40	34.50
Cr ppm	61.00	71.00	70.00	92.00	52.00	61.00	57.00	187.00	131.00	56.00	63.00	89.00	86.00	114.00
Cs ppm	8.05	9.40	9.31	8.59	7.25	5.72	4.33	5.96	5.87	5.02	4.36	6.21	6.56	5.39
Cu ppm	221.0													
	0	38.00	709.00	197.50	91.00	91.10	82.60	187.50	624.00	13.80	57.40	174.00	611.00	42.50
Fe %	8.38	7.65	10.25	8.57	6.91	5.53	5.21	7.60	8.47	4.95	4.30	5.90	7.59	6.09
Ga ppm	12.70	23.20	24.80	18.15	13.50	16.05	15.70	21.50	17.25	20.70	16.85	17.75	22.40	18.80
Ge ppm	0.20	0.23	0.20	0.19	0.22	0.18	0.21	0.22	0.21	0.19	0.16	0.16	0.20	0.18
Hf ppm	3.30	2.70	1.60	1.90	3.40	2.90	2.20	2.00	2.10	1.70	1.70	1.90	2.20	2.10
In ppm	0.11	0.08	0.18	0.16	0.12	0.07	0.07	0.14	0.17	0.07	0.07	0.09	0.10	0.08
K %	1.80	1.02	0.69	0.72	1.56	1.51	3.17	1.22	1.54	2.98	2.08	1.52	1.22	1.22
La ppm	76.00	67.20	32.10	43.30	65.40	61.30	77.60	59.20	58.40	60.60	55.40	44.70	57.50	54.30
Li ppm	30.80	21.40	58.40	53.30	39.40	17.10	24.90	33.20	24.90	29.70	24.80	35.10	47.70	25.40
Mg %	0.94	1.02	4.91	4.39	0.89	0.62	1.27	3.75	1.98	2.48	1.58	2.29	3.72	1.94
Mn ppm	3880.	1115.0	3030.0	3970.0	3210.0	3810.0	2370.0	1605.0	6160.0					
	00	0	0	0	0	0	0	0	0	1950.00	2750.00	2180.00	4610.00	2330.00
Mo ppm	9.56	4.18	7.19	4.16	12.35	3.14	4.51	2.65	7.35	1.68	2.10	2.36	3.98	3.08
Na %	0.66	2.62	2.54	2.04	0.48	0.93	1.19	1.83	1.36	0.80	1.17	1.35	1.98	1.78
Nb ppm	8.90	13.30	8.70	7.50	9.10	8.00	9.20	18.90	8.10	6.20	6.60	9.60	8.20	12.50
Ni ppm	95.90	32.40	92.00	99.40	65.40	33.10	42.60	108.50	103.00	57.80	49.80	59.10	89.00	61.50
P ppm	2110.	1050.0			1980.0	2990.0	1230.0	1580.0	1100.0					
	00	0	900.00	970.00	0	0	0	0	0	1240.00	1850.00	1780.00	1350.00	1990.00
Pb ppm	51.20	13.70	11.00	12.30	40.10	16.50	11.60	8.80	11.80	6.00	8.60	13.30	37.40	10.60
Rb ppm	85.20	87.20	37.90	52.00	90.00	108.00	117.00	63.80	93.80	146.50	101.00	83.40	69.60	71.80
Re ppm	0.00	0.00	0.01	0.01	0.01	0.01	0.02	<0.002	0.00	<0.002	0.00	0.00	0.01	0.01
S %	0.15	0.07	0.05	0.14	0.14	0.14	0.08	0.05	0.04	0.08	0.16	0.11	0.05	0.17
Sb ppm	2.89	0.98	0.71	1.27	3.29	0.96	0.84	0.91	1.12	0.56	0.59	0.80	1.08	0.93
Sc ppm	12.10	19.60	38.20	36.20	12.30	13.60	16.10	22.60	27.40	18.60	20.30	21.70	28.20	19.30
Se ppm	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00	3.00	3.00	3.00	3.00	2.00
Sn ppm	1.50	2.70	1.50	1.30	1.50	1.60	1.90	2.10	1.40	2.60	1.80	1.80	2.10	2.10
Sr ppm	88.50	74.20	37.50	60.40	81.30	104.00	38.80	69.70	62.40	31.10	56.80	75.20	110.00	89.50
Ta ppm	0.63	0.93	0.58	0.51	0.64	0.55	0.68	1.15	0.50	0.49	0.48	0.64	0.58	0.79
Te ppm	0.23	0.13	0.07	0.09	0.22	0.12	0.16	0.07	0.11	0.06	0.08	0.08	0.11	0.09
Th ppm	25.70	14.50	6.90	7.90	20.40	21.20	21.70	11.70	17.00	20.50	18.30	15.00	15.00	11.90
Ti %	0.34	0.55	0.79	0.64	0.27	0.27	0.31	0.79	0.35	0.34	0.31	0.45	0.48	0.54
Tl ppm	0.79	0.37	0.25	0.64	0.71	0.59	0.37	0.24	0.41	0.32	0.30	0.32	0.31	0.35
U ppm	7.10	4.30	2.90	3.00	5.20	3.70	6.60	5.20	5.30	5.50	8.60	8.10	16.10	3.60
V ppm	95.00	227.00	374.00	239.00	86.00	87.00	79.00	136.00	94.00	94.00	109.00	151.00	203.00	141.00
W ppm	1.20	1.70	1.50	2.20	1.60	1.30	2.20	2.70	1.40	2.00	1.50	2.00	2.20	2.20
Y ppm	34.50	20.30	32.20	34.10	30.80	17.30	28.10	32.20	43.60	36.60	35.60	33.00	39.50	18.00
Zn ppm	125.0													
	0	43.00	89.00	88.00	81.00	42.00	30.00	41.00	45.00	21.00	48.00	66.00	123.00	58.00
Zr ppm	117.5													
	0	93.90	50.20	59.50	113.50	96.90	72.70	63.40	79.70	58.00	56.50	62.50	72.80	68.70
Au ppm	0.01	0.01	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.02	0.01
Sample	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849
Ag ppm	0.32	0.10	0.11	0.15	0.23	0.12	0.09	0.08	0.13	0.03	0.06	0.07	0.15	0.14
Al %	6.56	6.59	7.62	6.74	5.48	6.08	6.48	6.70	6.66	6.82	5.96	6.36	7.63	5.93
As ppm	85.50	18.00	9.50	76.60	86.60	19.20	38.90	17.60	153.00	5.10	6.80	11.60	13.10	7.30
Ba ppm	710.0			1190.0	1140.0	2890.0								
	0	570.00	270.00	0	0	0	950.00	420.00	520.00	630.00	570.00	480.00	850.00	410.00

Sample	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863
Ag ppm	0.07	0.10	0.34	0.25	0.24	0.25	0.28	0.26	0.25	0.37	0.35	0.33	0.29	0.32
Al %	7.62	6.13	6.71	6.82	6.21	7.02	7.40	6.96	7.33	7.04	7.38	7.28	7.01	7.36
As ppm	27.60	17.60	21.20	4.00	3.00	3.30	2.30	2.30	1.90	2.00	2.10	2.00	1.70	2.60
Ba ppm	350.0				1020.0		1510.0		1010.0					
	0	300.00	370.00	620.00	0	920.00	0	950.00	0	970.00	1210.00	1300.00	1230.00	1370.00
Be ppm	2.11	1.38	2.04	2.51	1.87	2.23	2.50	2.25	2.68	2.31	2.31	2.56	2.45	2.73
Bi ppm	0.48	0.40	0.73	1.88	0.30	0.36	0.69	0.49	0.44	0.33	0.66	0.75	0.21	0.38
Ca %	1.14	2.08	1.78	0.63	0.97	0.85	0.86	0.56	0.71	0.92	0.79	0.77	0.81	0.80
Cd ppm	0.10	0.11	0.25	0.12	0.14	0.10	0.13	0.07	0.10	0.09	0.07	0.08	0.07	0.16
Ce ppm	110.0													
	0	69.60	63.00	205.00	108.50	129.50	106.50	103.00	115.00	99.40	104.50	109.00	109.00	98.10
Co ppm	82.00	51.30	86.60	12.30	15.20	19.00	17.10	16.80	20.70	19.90	18.20	18.60	16.60	19.40
Cr ppm	107.0													
	0	264.00	151.00	46.00	46.00	51.00	53.00	50.00	53.00	53.00	50.00	50.00	49.00	54.00
Cs ppm	3.83	5.84	6.68	3.41	4.30	4.33	6.28	5.64	6.23	4.85	6.08	6.25	5.64	7.15
Cu ppm	143.5													
	0	103.00	836.00	7.40	66.00	87.90	238.00	110.50	111.00	140.00	121.00	156.00	185.50	187.00
Fe %	9.92	7.27	8.47	3.51	3.65	4.29	3.55	3.44	3.97	4.34	3.79	3.73	3.77	3.83
Ga ppm	21.90	20.90	27.30	19.00	16.90	20.30	21.00	19.80	21.60	20.00	21.40	21.50	20.40	21.90
Ge ppm	0.24	0.21	0.22	0.28	0.18	0.22	0.20	0.18	0.19	0.20	0.21	0.21	0.21	0.20
Hf ppm	1.80	1.70	2.00	2.40	2.20	2.40	2.70	2.40	2.50	2.30	2.50	2.80	2.60	2.80
In ppm	0.15	0.12	0.11	0.04	0.05	0.06	0.07	0.08	0.08	0.06	0.06	0.07	0.07	0.08
K %	0.89	0.82	0.77	2.31	1.68	1.80	2.34	2.06	2.17	2.18	2.64	2.51	2.36	2.46
La ppm	59.70	34.60	33.60	104.50	54.10	65.00	54.00	51.70	58.30	52.80	55.40	57.80	57.50	52.00
Li ppm	53.30	36.70	65.80	23.70	19.00	23.60	25.20	21.00	28.20	26.80	28.70	27.30	26.10	28.60
Mg %	3.73	3.55	4.77	1.24	1.37	1.78	1.54	1.31	1.70	1.89	1.61	1.59	1.49	1.74
Mn ppm	374.0	2150.0	3350.0	4830.0	5850.0	4530.0	6250.0	5310.0	4200.0					
	00	0	0	0	0	0	0	0	0	3730.00	5340.00	5320.00	4540.00	5640.00
Mo ppm	7.40	3.48	4.98	1.45	1.80	1.82	2.94	2.35	2.10	1.71	1.82	1.96	1.67	2.38
Na %	2.20	1.87	1.41	1.74	1.78	2.27	1.64	1.79	1.91	1.76	1.52	1.47	1.56	1.29
Nb ppm	8.20	16.20	8.90	5.90	5.70	6.20	6.40	6.00	6.60	4.90	5.00	6.10	5.90	6.70
Ni ppm	102.5													
	0	127.50	141.00	32.40	34.30	42.40	35.10	31.50	38.10	35.70	34.00	34.50	32.70	37.90
P ppm	950.0	1790.0	1290.0	1130.0	1050.0	1120.0	1190.0	1060.0	1170.0					
	0	0	0	0	0	0	0	0	0	1070.00	1150.00	1080.00	1090.00	1220.00
Pb ppm	7.50	9.70	26.20	5.60	6.40	6.40	5.80	5.60	5.00	5.90	5.10	6.00	5.20	8.30
Rb ppm	51.90	55.00	44.60	140.50	98.50	109.00	145.50	132.50	139.50	127.50	158.50	157.00	147.50	156.00
Re ppm	0.01	0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.05	0.08	0.07	0.04	0.08	0.03	0.07	0.08	0.04	0.04	0.03	0.05	0.04	0.07
Sb ppm	1.03	1.39	1.29	0.74	0.54	0.57	0.54	0.48	0.50	0.58	0.54	0.56	0.48	0.59
Sc ppm	33.50	23.30	28.50	13.40	15.80	17.00	16.40	15.90	17.50	16.60	16.00	16.80	15.10	18.70
Se ppm	3.00	2.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Sn ppm	1.80	1.40	1.90	2.60	2.00	2.50	2.80	2.50	2.80	2.60	3.00	2.90	2.80	2.90
Sr ppm	78.10	128.50	84.50	50.10	74.50	80.90	119.50	107.50	138.00	126.50	148.50	136.00	127.50	132.00
Ta ppm	0.52	0.94	0.60	0.47	0.46	0.49	0.51	0.48	0.53	0.40	0.40	0.50	0.49	0.54
Te ppm	0.09	0.06	0.13	0.53	0.09	0.08	0.11	0.09	0.10	0.07	0.10	0.10	0.09	0.12
Th ppm	11.00	6.30	10.10	18.20	16.90	17.80	19.10	17.60	17.90	17.00	19.30	19.50	18.70	19.80
Ti %	0.53	0.76	0.52	0.24	0.25	0.28	0.27	0.26	0.30	0.30	0.26	0.27	0.25	0.29
Tl ppm	0.23	0.24	0.27	0.33	0.32	0.34	0.57	0.54	0.54	0.51	0.62	0.63	0.58	0.66
U ppm	3.30	2.00	11.60	7.00	5.90	5.10	7.40	6.10	5.60	4.50	4.60	5.20	4.90	7.50
V ppm	200.0													
	0	147.00	257.00	71.00	80.00	97.00	78.00	77.00	94.00	107.00	81.00	82.00	76.00	87.00
W ppm	2.40	2.10	2.40	2.40	2.30	2.70	2.30	2.00	2.00	2.00	2.00	2.20	2.10	2.20
Y ppm	27.40	15.80	32.80	32.40	32.40	33.00	36.70	32.00	33.50	25.80	30.30	34.30	32.40	42.30
Zn ppm	66.00	69.00	141.00	35.00	34.00	34.00	28.00	22.00	31.00	39.00	32.00	29.00	22.00	36.00
Zr ppm	61.00	53.20	69.00	79.00	73.20	78.10	86.30	78.90	84.40	73.70	81.90	86.40	83.40	89.30
Au ppm	0.02	0.01	0.02	0.00	<0.001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<0.001	0.00
Sample	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863
Ag ppm	0.07	0.10	0.34	0.25	0.24	0.25	0.28	0.26	0.25	0.37	0.35	0.33	0.29	0.32
Al %	7.62	6.13	6.71	6.82	6.21	7.02	7.40	6.96	7.33	7.04	7.38	7.28	7.01	7.36
As ppm	27.60	17.60	21.20	4.00	3.00	3.30	2.30	2.30	1.90	2.00	2.10	2.00	1.70	2.60
Ba ppm	350.0				1020.0		1510.0		1010.0					
	0	300.00	370.00	620.00	0	920.00	0	950.00	0	970.00	1210.00	1300.00	1230.00	1370.00

Sample	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877
Ag ppm	0.26	0.25	0.34	0.21	0.06	0.04	0.02	0.04	0.05	0.04	0.04	0.04	0.04	0.05
Al %	6.25	5.83	6.87	4.85	6.53	6.74	5.26	6.74	5.80	4.21	6.01	6.24	6.82	6.80
As ppm	2.20	1.90	3.10	1.20	2.80	2.40	1.90	3.30	2.90	1.80	2.50	2.30	2.70	3.30
Ba ppm	1090.00		1000.00		1070.00									
Be ppm	2.22	1.65	2.76	1.42	1.85	2.22	1.69	1.78	1.60	1.02	1.81	2.03	1.94	1.57
Bi ppm	0.54	0.86	0.90	0.78	0.57	0.41	0.18	0.25	0.44	0.31	0.23	0.22	0.28	0.22
Ca %	1.29	1.07	0.81	1.39	1.12	0.94	1.42	1.32	1.12	1.76	1.39	1.29	1.06	0.94
Cd ppm	0.13	0.15	0.10	0.16	0.15	0.11	0.20	0.20	0.19	0.24	0.14	0.15	0.18	0.16
Ce ppm	90.80	86.20	112.00	83.20	93.20	99.10	85.70	98.90	97.80	69.90	94.20	88.10	110.50	98.60
Co ppm	16.00	15.30	30.50	13.20	17.80	14.90	12.80	18.50	17.90	10.50	15.00	15.30	14.70	15.40
Cr ppm	46.00	42.00	204.00	33.00	50.00	51.00	39.00	55.00	50.00	37.00	48.00	52.00	54.00	52.00
Cs ppm	5.05	4.52	6.15	3.35	5.31	4.54	2.92	5.67	4.33	3.02	4.27	4.78	3.80	3.51
Cu ppm	208.00													
Fe %	3.31	3.23	5.17	2.66	3.48	3.59	2.70	3.38	3.22	2.26	3.47	3.73	3.46	3.82
Ga ppm	17.65	15.45	21.50	13.15	15.10	15.95	11.70	17.80	14.70	10.00	14.10	14.30	17.50	17.00
Ge ppm	0.18	0.18	0.21	0.15	0.21	0.22	0.20	0.23	0.22	0.16	0.22	0.21	0.24	0.22
Hf ppm	2.20	2.10	2.70	1.60	2.10	2.30	1.70	2.40	2.10	1.40	2.00	2.00	2.40	2.50
In ppm	0.06	0.05	0.09	0.05	0.07	0.08	0.05	0.08	0.06	0.04	0.07	0.07	0.09	0.09
K %	2.09	1.81	1.94	1.43	1.78	1.78	1.26	1.56	1.26	1.02	1.52	1.69	1.58	1.53
La ppm	47.90	45.40	58.30	43.70	49.30	52.20	44.20	51.20	50.80	36.10	49.40	46.00	57.40	50.70
Li ppm	23.00	20.30	37.10	16.40	24.10	22.60	13.60	24.20	18.70	10.60	16.90	17.20	19.50	18.60
Mg %	1.46	1.20	3.01	1.05	1.46	1.59	1.00	1.78	1.34	0.93	1.50	1.53	1.52	1.66
Mn ppm	4750.00	3920.00	5960.00	4570.00	5480.00	3740.00	5910.00	7530.00	5020.00					
Mo ppm	1.66	1.66	2.11	1.45	2.31	1.73	1.29	1.91	2.29	2950.00	4490.00	4980.00	3580.00	5000.00
Na %	1.28	1.35	1.32	1.28	1.37	1.67	1.50	1.69	1.51	1.14	1.53	1.39	2.02	1.97
Nb ppm	5.50	5.10	5.50	3.60	4.70	4.90	4.30	4.70	4.60	3.20	4.20	4.00	5.80	5.30
Ni ppm	31.10	27.90	111.00	25.10	34.00	33.00	26.60	46.40	35.20	22.90	33.90	33.90	36.30	35.10
P ppm	1080.00			1090.00	1190.00	1140.00	1180.00	1570.00	1550.00					
Pb ppm	5.80	960.00	850.00	0	0	0	0	0	0	1210.00	1340.00	1310.00	1480.00	1320.00
Rb ppm	126.00	5.70	8.00	4.90	7.80	5.60	6.20	7.70	7.90	5.30	7.40	6.20	8.40	7.30
Re ppm	0	107.00	113.00	87.10	105.50	101.50	69.10	96.50	76.90	59.30	82.50	88.80	92.60	84.00
S %	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Sb ppm	0.51	0.10	0.04	0.10	0.09	0.07	0.12	0.12	0.11	0.15	0.11	0.11	0.09	0.07
Sc ppm	14.10	0.54	0.62	0.38	0.54	0.46	0.40	0.74	0.52	0.34	0.38	0.37	0.45	0.40
Se ppm	1.00	11.80	21.00	10.20	12.40	12.80	9.70	18.30	12.30	7.80	12.00	12.90	15.50	15.70
Sn ppm	1.00	1.00	1.00	1.00	1.00	2.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Sr ppm	2.30	2.00	2.80	1.60	1.90	2.10	1.40	2.20	1.60	1.20	1.70	1.80	2.10	2.20
Ta ppm	124.50													
Ta ppm	0	145.50	127.50	112.50	124.50	86.00	67.10	83.30	92.10	102.50	115.00	117.50	114.00	112.50
Te ppm	0.44	0.42	0.48	0.29	0.35	0.38	0.32	0.35	0.34	0.24	0.33	0.31	0.49	0.43
Th ppm	0.10	0.12	0.09	0.11	0.09	0.09	0.06	0.10	0.07	0.07	0.05	0.06	0.09	0.08
Th ppm	17.20	14.90	16.00	13.10	15.40	16.50	13.40	19.30	15.20	9.60	14.70	14.90	17.60	17.00
Ti %	0.24	0.24	0.34	0.17	0.24	0.22	0.19	0.23	0.23	0.16	0.20	0.21	0.23	0.23
Tl ppm	0.48	0.46	0.55	0.33	0.44	0.38	0.29	0.38	0.36	0.28	0.39	0.42	0.36	0.35
U ppm	5.40	5.40	6.30	4.00	6.10	4.60	4.10	9.80	7.10	3.90	5.70	5.80	6.20	6.50
V ppm	69.00	66.00	114.00	50.00	72.00	70.00	52.00	77.00	68.00	49.00	63.00	67.00	71.00	73.00
W ppm	1.90	1.70	2.00	1.30	1.40	1.50	1.20	1.50	1.10	0.90	1.30	1.30	3.00	1.70
Y ppm	31.80	24.80	39.50	25.70	30.00	31.90	26.50	43.50	30.40	15.50	33.40	36.30	42.00	41.70
Zn ppm	30.00	36.00	75.00	37.00	40.00	28.00	34.00	36.00	31.00	62.00	25.00	24.00	46.00	34.00
Zr ppm	71.20	67.30	84.40	54.10	69.20	71.70	52.90	77.10	69.20	44.70	65.40	65.90	79.00	82.30
Au ppm	0.00	<0.001	0.00	0.01	0.00	0.00	0.00	0.00	<0.001	0.00	<0.001	0.00	0.00	0.01
Sample	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877
Ag ppm	0.26	0.25	0.34	0.21	0.06	0.04	0.02	0.04	0.05	0.04	0.04	0.04	0.04	0.05
Al %	6.25	5.83	6.87	4.85	6.53	6.74	5.26	6.74	5.80	4.21	6.01	6.24	6.82	6.80
As ppm	2.20	1.90	3.10	1.20	2.80	2.40	1.90	3.30	2.90	1.80	2.50	2.30	2.70	3.30
Ba ppm	1090.00		1000.00		1070.00									
Be ppm	2.22	1.65	2.76	1.42	1.85	2.22	1.69	1.78	1.60	1.02	1.81	2.03	1.94	1.57
Bi ppm	0.54	0.86	0.90	0.78	0.57	0.41	0.18	0.25	0.44	0.31	0.23	0.22	0.28	0.22
Ca %	1.29	1.07	0.81	1.39	1.12	0.94	1.42	1.32	1.12	1.76	1.39	1.29	1.06	0.94
Cd ppm	0.13	0.15	0.10	0.16	0.15	0.11	0.20	0.20	0.19	0.24	0.14	0.15	0.18	0.16
Ce ppm	90.80	86.20	112.00	83.20	93.20	99.10	85.70	98.90	97.80	69.90	94.20	88.10	110.50	98.60
Co ppm	16.00	15.30	30.50	13.20	17.80	14.90	12.80	18.50	17.90	10.50	15.00	15.30	14.70	15.40
Cr ppm	46.00	42.00	204.00	33.00	50.00	51.00	39.00	55.00	50.00	37.00	48.00	52.00	54.00	52.00
Cs ppm	5.05	4.52	6.15	3.35	5.31	4.54	2.92	5.67	4.33	3.02	4.27	4.78	3.80	3.51
Cu ppm	208.00													
Fe %	3.31	3.23	5.17	2.66	3.48	3.59	2.70	3.38	3.22	2.26	3.47	3.73	3.46	3.82
Ga ppm	17.65	15.45	21.50	13.15	15.10	15.95	11.70	17.80	14.70	10.00	14.10	14.30	17.50	17.00
Ge ppm	0.18	0.18	0.21	0.15	0.21	0.22	0.20	0.23	0.22	0.16	0.22	0.21	0.24	0.22
Hf ppm	2.20	2.10	2.70	1.60	2.10	2.30	1.70	2.40	2.10	1.40	2.00	2.00	2.40	2.50
In ppm	0.06	0.05	0.09	0.05	0.07	0.08	0.05	0.08	0.06	0.04	0.07	0.07	0.09	0.09
K %	2.09	1.81	1.94	1.43	1.78	1.78	1.26	1.56	1.26	1.02	1.52	1.69	1.58	1.53
La ppm	47.90	45.40	58.30	43.70	49.30	52.20	44.20	51.20	50.80	36.10	49.40	46.00	57.40	50.70
Li ppm	23.00	20.30	37.10	16.40	24.10	22.60	13.60	24.20	18.70	10.60	16.90	17.20	19.50	18.60
Mg %	1.46	1.20	3.01	1.05	1.46	1.59	1.00	1.78	1.34	0.93	1.50	1.53	1.52	1.66
Mn ppm	4750.00	3920.00	5960.00	4570.00	5480.00	3740.00	5910.00	7530.00	5020.00					
Mo ppm	1.66	1.66	2.11	1.45	2.31	1.73	1.29	1.91	2.29	2950.00	4490.00	4980.00	3580.00	5000.00
Na %	1.28	1.35	1.32	1.28	1.37	1.67	1.50	1.69	1.51	1.14	1.53	1.39	2.02	1.97
Nb ppm	5.50	5.10	5.50	3.60	4.70	4.90	4.30	4.70	4.60	3.20	4.20	4.00	5.80	5.30
Ni ppm	31.10	27.90	111.00	25.10	34.00	33.00	26.60	46.40	35.20	22.90	33.90	33.90	36.30	35.10
P ppm	1080.00			1090.00	1190.00	1140.00	1180.00	1570.00	1550.00					
Pb ppm	5.80	960.00	850.00	0	0	0	0	0	0	1210.00	1340.00	1310.00	1480.00	1320.00
Rb ppm	126.00	5.70	8.00	4.90	7.80	5.60	6.20	7.70	7.90	5.30	7.40	6.20	8.40	7.30
Re ppm	0	107.00	113.00	87.10	105.50	101.50	69.10	96.50	76.90	59.30	82.50	88.80	92.60	84.00
S %	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Sb ppm	0.51	0.10	0.04	0.10	0.09	0.07	0.12	0.12	0.11	0.15	0.11	0.11	0.09	0.07
Sc ppm	14.10	0.54	0.62	0.38	0.54	0.46	0.40	0.74	0.52	0.34	0.38	0.37	0.45	0.40
Se ppm	1.00	11.80	21.00	10.20	12.40	12.80	9.70	18.30	12.30	7.80	12.00	12.90	15.50	15.70
Sn ppm	1.00													

Sample	1878	1879	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892
Ag ppm	0.05	0.01	0.15	0.08	0.32	0.14	0.04	0.28	0.07	0.03	0.02	0.09	0.57	0.52
Al %	7.01	6.12	5.56	5.42	6.39	6.92	5.36	6.05	5.99	5.27	5.81	5.45	5.06	8.24
As ppm	10.50	4.50	58.60	43.10	42.60	47.20	25.20	38.80	18.40	16.80	22.80	45.20	38.20	71.40
Ba ppm	330.0	0	650.00	690.00	620.00	620.00	620.00	590.00	550.00	620.00	560.00	700.00	570.00	630.00
Be ppm	3.02	1.87	1.83	1.28	1.93	2.45	1.34	2.38	2.20	1.68	1.71	2.46	1.83	3.66
Bi ppm	0.35	0.38	0.94	0.63	1.94	2.52	0.70	1.71	0.63	0.34	0.39	0.96	2.31	4.38
Ca %	0.80	1.05	0.57	0.49	0.53	0.52	0.51	0.62	0.48	0.81	0.50	0.69	0.51	0.19
Cd ppm	0.11	0.13	0.49	0.18	0.11	0.13	0.17	0.19	0.14	0.19	0.17	0.41	0.15	0.44
Ce ppm	117.0	0	104.50	91.90	60.70	121.00	186.00	98.60	126.50	148.00	119.00	106.50	120.50	105.00
Co ppm	61.00	35.00	30.80	13.30	16.90	26.20	17.50	64.60	22.30	19.40	27.10	65.20	12.60	125.50
Cr ppm	86.00	144.00	67.00	62.00	71.00	77.00	75.00	71.00	64.00	71.00	59.00	70.00	62.00	50.00
Cs ppm	7.60	5.98	5.31	3.95	12.70	9.09	7.71	8.91	10.65	5.81	8.02	4.15	9.09	19.60
Cu ppm	263.0	0	34.10	91.90	43.10	73.40	114.50	37.30	160.50	77.30	25.40	28.70	91.70	52.40
Fe %	8.85	4.72	6.18	4.81	6.37	7.04	4.61	5.64	4.13	4.05	4.17	5.52	6.15	8.26
Ga ppm	26.00	18.30	14.50	15.35	16.90	17.75	15.90	13.90	15.95	13.00	15.10	13.10	13.75	17.75
Ge ppm	0.23	0.17	0.17	0.14	0.19	0.24	0.15	0.20	0.20	0.17	0.17	0.20	0.18	0.20
Hf ppm	2.20	2.50	2.70	2.60	3.70	4.20	3.70	3.50	4.20	3.60	3.20	3.10	2.80	3.80
In ppm	0.24	0.09	0.09	0.06	0.09	0.09	0.06	0.10	0.09	0.08	0.06	0.10	0.06	0.16
K %	0.79	1.31	1.26	1.12	1.38	1.51	1.25	1.13	1.41	1.04	1.28	1.00	1.13	1.53
La ppm	56.10	47.00	37.60	27.70	56.60	92.30	47.60	62.50	72.10	54.20	49.10	54.00	49.00	48.70
Li ppm	39.60	18.80	31.70	26.30	31.70	44.10	26.30	30.40	39.30	28.00	50.00	29.10	25.50	67.90
Mg %	4.19	2.18	0.66	0.53	0.82	0.92	0.63	0.66	0.83	0.70	0.95	0.77	0.63	1.08
Mn ppm	327.0	4910.0	3460.0	0	773.00	513.00	531.00	723.00	1095.0	0	795.00	1005.00	1070.00	4360.00
Mo ppm	2.94	1.25	3.38	2.91	4.18	3.92	2.56	3.50	2.41	1.61	1.74	4.19	3.39	8.90
Na %	2.17	1.55	0.83	0.82	0.72	0.63	0.62	0.78	0.63	0.95	0.67	0.91	0.76	0.34
Nb ppm	8.50	5.70	10.00	11.00	11.30	12.00	13.20	11.20	13.80	13.00	12.20	11.20	9.60	9.70
Ni ppm	91.60	101.00	61.00	26.00	33.50	51.40	27.30	99.30	40.40	30.00	35.50	92.80	26.90	208.00
P ppm	950.0	1070.0	1130.0	0	1550.0	2610.0	1450.0	1530.0	1010.0	0	840.00	670.00	1100.00	1440.00
Pb ppm	7.50	4.30	43.40	600.00	66.20	52.00	24.80	25.50	29.50	16.60	12.10	22.60	114.50	1920.00
Rb ppm	43.20	93.00	69.90	56.40	86.00	95.40	75.30	66.90	88.10	55.60	79.00	53.00	64.60	97.60
Re ppm	<0.00	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.06	0.09	0.07	0.04	0.14	0.17	0.08	0.15	0.07	0.04	0.03	0.07	0.20	0.22
Sb ppm	0.62	0.37	1.84	1.71	3.74	4.46	1.92	2.53	1.97	1.55	1.24	1.94	6.45	7.53
Sc ppm	52.70	17.00	13.40	9.90	13.00	13.00	10.50	11.40	12.10	10.90	11.10	11.30	9.80	12.40
Se ppm	4.00	3.00	3.00	2.00	4.00	4.00	3.00	3.00	3.00	3.00	2.00	4.00	4.00	4.00
Sn ppm	2.50	2.10	1.50	1.70	2.00	2.20	1.90	1.60	1.90	1.50	1.70	1.50	1.60	1.90
Sr ppm	46.10	59.40	106.00	109.50	110.50	100.50	99.10	118.50	94.90	138.00	97.10	132.00	107.00	88.30
Ta ppm	0.68	0.49	0.73	0.81	0.86	0.91	1.01	0.88	1.09	1.02	0.97	0.85	0.73	0.76
Te ppm	0.15	0.08	0.15	0.13	0.26	0.27	0.10	0.18	0.08	0.06	0.07	0.14	0.19	0.22
Th ppm	16.90	16.30	11.80	8.80	23.50	25.10	17.70	31.00	26.50	20.80	17.90	19.30	18.90	47.10
Ti %	0.46	0.26	0.34	0.38	0.37	0.37	0.45	0.37	0.40	0.46	0.37	0.39	0.32	0.27
Tl ppm	0.31	0.54	0.73	0.70	0.59	0.67	0.52	0.54	0.60	0.39	0.48	0.44	0.51	0.66
U ppm	7.40	4.60	2.90	2.40	4.50	5.60	3.70	6.80	4.40	3.50	3.90	5.40	3.50	58.00
V ppm	225.0	0	80.00	105.00	117.00	98.00	100.00	121.00	96.00	83.00	100.00	83.00	99.00	58.00
W ppm	1.50	1.90	1.40	1.40	1.40	1.50	1.60	1.50	1.70	1.40	1.40	1.30	1.00	1.40
Y ppm	49.20	41.80	23.60	12.30	17.00	22.10	15.90	25.40	22.80	18.90	15.90	32.60	14.70	32.00
Zn ppm	58.00	27.00	187.00	101.00	89.00	110.00	78.00	105.00	92.00	74.00	68.00	106.00	76.00	255.00
Zr ppm	63.90	75.80	80.70	82.00	117.00	131.00	117.00	111.50	132.00	110.00	97.90	96.10	89.90	126.00
Au ppm	0.02	0.01	0.01	0.00	0.01	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.02	0.01
Sample	1878	1879	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892
Ag ppm	0.05	0.01	0.15	0.08	0.32	0.14	0.04	0.28	0.07	0.03	0.02	0.09	0.57	0.52
Al %	7.01	6.12	5.56	5.42	6.39	6.92	5.36	6.05	5.99	5.27	5.81	5.45	5.06	8.24
As ppm	10.50	4.50	58.60	43.10	42.60	47.20	25.20	38.80	18.40	16.80	22.80	45.20	38.20	71.40
Ba ppm	330.0	0	650.00	690.00	620.00	620.00	620.00	590.00	550.00	620.00	560.00	700.00	570.00	630.00

Sample	1994	1995	1996	1997	1998	1999	2000	2828	2829	2830	2831	2832	2833	2834
Ag ppm	0.15	0.09	0.24	0.33	0.33	0.16	0.33	0.04	0.09	0.16	0.11	0.30	0.09	0.09
Al %	1.44	6.53	5.88	6.22	6.55	6.66	2.84	5.80	5.98	7.00	7.60	7.09	6.63	7.25
As ppm	2.90	8.00	38.50	14.80	28.40	19.10	7.30	4.40	10.50	7.30	6.10	29.80	12.70	14.30
Ba ppm	330.0													
	0	800.00	630.00	790.00	620.00	650.00	650.00	930.00	900.00	310.00	300.00	370.00	410.00	390.00
Be ppm	0.49	1.76	1.80	1.81	2.21	1.98	1.00	1.84	1.53	1.50	1.56	2.42	1.82	1.14
Bi ppm	0.14	0.31	1.71	0.63	0.74	0.39	0.27	0.16	0.43	0.21	0.21	1.34	0.34	0.64
Ca %	1.15	0.64	0.45	0.77	1.10	1.00	2.78	1.19	1.07	1.37	0.95	1.67	2.04	0.58
Cd ppm	0.30	0.12	0.18	0.14	0.59	0.26	0.48	0.16	0.22	0.09	0.29	0.18	0.19	0.11
Ce ppm	17.30	81.10	90.50	73.60	101.00	108.50	27.70	77.10	86.40	112.00	74.30	133.50	66.10	68.70
Co ppm	7.90	27.40	38.90	29.10	54.00	38.90	18.30	16.90	21.20	51.80	27.30	182.50	53.90	67.90
Cr ppm	19.00	83.00	74.00	77.00	94.00	85.00	48.00	55.00	63.00	106.00	85.00	73.00	445.00	67.00
Cs ppm	1.47	5.79	5.05	5.57	6.44	5.70	3.81	4.56	3.96	5.36	2.38	3.94	6.18	3.87
Cu ppm	17.90	140.00	80.70	108.50	167.00	108.50	212.00	44.20	67.60	351.00	55.90	1690.00	349.00	129.00
Fe %	1.34	4.95	6.54	5.59	6.36	5.40	2.81	3.51	4.44	9.16	6.92	11.20	7.64	9.37
Ga ppm	4.39	16.70	15.50	16.05	17.20	19.95	8.49	16.65	15.45	25.40	21.60	24.60	20.70	21.80
Ge ppm	0.05	0.16	0.15	0.15	0.18	0.18	0.12	0.11	0.23	0.32	0.26	0.37	0.28	0.26
Hf ppm	0.50	2.50	2.80	2.40	2.70	2.50	1.10	2.70	2.30	2.10	2.50	2.90	2.70	2.30
In ppm	0.02	0.08	0.07	0.09	0.08	0.09	0.04	0.06	0.08	0.16	0.06	0.13	0.11	0.05
K %	0.25	1.47	1.32	1.36	1.61	1.19	0.53	1.73	1.90	0.67	0.46	0.69	0.72	0.66
La ppm	9.40	43.00	43.70	40.50	50.10	52.50	17.10	40.10	47.10	57.20	38.50	69.50	34.70	38.10
Li ppm	4.30	32.50	34.30	31.40	42.90	50.80	20.90	27.00	25.10	69.50	31.00	34.90	52.90	49.70
Mg %	0.42	1.91	0.82	1.55	1.93	2.05	1.09	1.06	1.14	4.18	1.91	2.69	4.47	2.56
Mn ppm	220.0	2920.0	2220.0	3080.0	2260.0	2030.0	2830.0	2730.0	3660.0					
	0	0	0	0	0	0	0	0	0	2380.00	1975.00	3460.00	3250.00	1480.00
Mo ppm	1.21	2.30	3.97	3.08	4.02	2.27	2.65	1.88	3.06	2.51	1.62	3.40	1.64	3.18
Na %	0.34	1.39	0.81	1.18	1.31	1.46	0.39	1.34	1.48	1.83	3.35	2.65	1.58	3.00
Nb ppm	2.30	8.20	10.00	8.20	9.90	9.70	3.40	5.70	5.30	19.40	10.20	14.00	9.20	12.80
Ni ppm	11.20	47.40	54.20	47.20	84.20	60.70	33.20	28.60	29.90	56.20	30.60	66.10	266.00	41.50
P ppm	1050.			1210.0	1260.0		1360.0	1040.0	1280.0					
	00	800.00	910.00	0	0	980.00	0	0	0	1630.00	1630.00	2360.00	1160.00	1020.00
Pb ppm	5.60	10.00	24.90	13.80	44.20	22.30	10.20	5.90	11.70	11.40	14.90	53.50	12.60	15.60
Rb ppm	14.20	84.30	78.80	79.70	90.70	79.20	42.00	114.50	96.10	40.10	23.50	31.10	38.60	40.90
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.23	0.03	0.05	0.07	0.09	0.05	0.24	0.08	0.07	0.10	0.11	0.11	0.08	0.07
Sb ppm	0.29	0.86	2.46	1.04	1.77	1.17	0.83	0.56	0.84	0.89	1.00	1.84	1.20	1.97
Sc ppm	9.20	18.00	11.50	16.90	15.90	17.60	9.00	13.70	12.40	25.60	14.80	17.80	17.00	15.50
Se ppm	1.00	2.00	2.00	2.00	2.00	2.00	3.00	2.00	2.00	3.00	3.00	5.00	3.00	3.00
Sn ppm	0.40	2.00	1.70	1.80	2.10	2.00	0.80	2.00	1.90	4.50	2.90	4.70	1.80	3.40
Sr ppm	56.80	91.30	89.00	95.70	83.70	90.10	82.50	156.00	142.00	75.10	78.90	104.50	91.10	56.10
Ta ppm	0.14	0.64	0.75	0.61	0.76	0.75	0.25	0.44	0.42	0.84	1.00	1.18	0.71	0.98
Te ppm	<0.05	0.07	0.13	0.09	0.13	0.10	0.07	0.05	0.07	0.12	0.08	0.17	0.08	0.12
Th ppm	2.10	12.90	12.50	12.30	13.80	13.30	5.70	14.20	14.20	8.70	14.70	24.50	9.80	15.10
Ti %	0.14	0.39	0.36	0.35	0.40	0.39	0.14	0.25	0.27	0.70	0.39	0.47	0.60	0.47
Tl ppm	0.16	0.41	0.56	0.40	0.61	0.45	0.27	0.44	0.48	0.24	0.20	0.24	0.28	0.19
U ppm	0.80	4.80	3.40	5.90	6.50	4.30	6.30	3.60	4.10	5.10	2.80	8.10	3.10	7.20
V ppm	54.00	127.00	103.00	115.00	117.00	130.00	63.00	73.00	85.00	243.00	110.00	177.00	203.00	142.00
W ppm	0.50	1.90	1.50	1.60	1.90	1.60	0.80	1.40	1.40	1.50	0.90	2.20	1.70	2.60
Y ppm	5.80	29.00	15.50	29.40	29.90	22.60	19.60	19.40	24.20	27.40	21.40	47.00	22.40	19.90
Zn ppm	15.00	58.00	59.00	63.00	216.00	108.00	93.00	29.00	48.00	112.00	89.00	100.00	149.00	70.00
Zr ppm	19.60	73.30	85.40	73.80	83.00	74.00	34.50	74.70	74.20	69.50	83.00	95.20	92.10	79.20
Au ppm	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.08	0.01	0.02
Sample	1994	1995	1996	1997	1998	1999	2000	2828	2829	2830	2831	2832	2833	2834
Ag ppm	0.15	0.09	0.24	0.33	0.33	0.16	0.33	0.04	0.09	0.16	0.11	0.30	0.09	0.09
Al %	1.44	6.53	5.88	6.22	6.55	6.66	2.84	5.80	5.98	7.00	7.60	7.09	6.63	7.25
As ppm	2.90	8.00	38.50	14.80	28.40	19.10	7.30	4.40	10.50	7.30	6.10	29.80	12.70	14.30
Ba ppm	330.0													
	0	800.00	630.00	790.00	620.00	650.00	650.00	930.00	900.00	310.00	300.00	370.00	410.00	390.00

Sample	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848
Ag ppm	0.08	0.10	0.13	0.17	0.13	0.26	0.10	0.25	0.16	0.11	0.54	0.41	0.40	0.49
Al %	7.10	6.74	6.58	4.57	4.84	4.68	6.08	5.03	6.57	6.42	5.78	6.23	6.14	6.04
As ppm	12.60	14.20	9.80	48.20	15.70	39.70	88.70	113.50	176.50	67.30	45.20	41.70	44.10	51.70
Ba ppm	430.0													
	0	370.00	420.00	500.00	640.00	490.00	730.00	400.00	430.00	320.00	500.00	500.00	490.00	630.00
Be ppm	1.08	1.20	1.26	1.98	1.22	1.01	1.97	1.10	1.44	1.99	1.51	1.86	1.84	1.89
Bi ppm	0.30	0.51	0.31	0.39	0.28	0.59	0.45	2.53	0.87	0.91	4.53	1.29	1.26	1.90
Ca %	1.74	0.99	0.94	0.44	0.62	0.39	0.62	0.42	0.46	0.48	1.06	1.40	1.36	1.17
Cd ppm	0.12	0.07	0.12	0.17	0.15	0.09	0.30	0.37	0.27	0.09	1.10	0.67	0.64	0.72
Ce ppm	53.90	59.80	59.20	84.40	78.90	111.50	73.20	142.00	147.50	83.50	129.50	102.00	99.50	127.00
Co ppm	64.80	71.40	42.50	65.60	17.40	61.50	102.00	90.10	67.20	83.70	20.30	17.90	19.00	21.50
Cr ppm	65.00	74.00	84.00	59.00	72.00	71.00	69.00	58.00	49.00	66.00	43.00	43.00	43.00	60.00
Cs ppm	3.63	4.72	11.00	2.99	3.55	4.80	3.84	2.18	3.22	4.45	3.49	4.91	4.70	4.37
Cu ppm	195.5													
	0	84.30	40.40	19.20	16.90	181.50	292.00	911.00	347.00	89.30	146.50	118.50	131.00	170.50
Fe %	8.01	10.20	8.68	13.05	5.65	5.84	5.91	10.30	5.00	8.24	3.55	3.64	3.70	3.59
Ga ppm	21.40	21.70	21.30	12.45	15.35	14.95	14.55	11.65	15.00	19.75	13.10	14.90	14.35	14.70
Ge ppm	0.25	0.27	0.25	0.35	0.23	0.26	0.22	0.37	0.34	0.28	0.27	0.25	0.25	0.30
Hf ppm	1.70	1.90	1.80	2.00	2.60	2.40	2.80	2.10	2.70	2.20	2.40	2.70	2.70	2.80
In ppm	0.08	0.07	0.07	0.34	0.06	0.09	0.12	0.10	0.08	0.09	0.09	0.09	0.08	0.08
K %	0.87	1.04	0.88	0.73	1.13	1.03	1.07	0.62	1.01	0.55	1.10	1.48	1.44	1.64
La ppm	29.70	34.20	33.20	42.30	39.90	58.70	35.20	71.60	80.80	43.70	70.10	53.70	53.20	67.40
Li ppm	47.90	53.10	54.70	20.70	19.50	16.90	27.50	16.30	12.30	36.60	23.70	34.10	33.60	29.20
Mg %	3.30	3.26	3.31	0.90	0.83	0.61	0.86	0.80	0.49	2.76	1.17	1.62	1.60	1.25
Mn ppm	217.0	1490.0	1505.0	14900.	1365.0	1920.0	4440.0	10950.	6320.0					
	00	0	0	00	0	0	0	00	0	1600.00	6210.00	6570.00	6450.00	5610.00
Mo ppm	2.08	2.60	1.86	1.53	1.71	3.76	2.73	6.65	3.30	4.19	2.22	2.48	2.46	3.32
Na %	1.73	1.86	1.52	0.51	0.77	0.62	1.08	1.47	2.44	1.92	2.00	1.53	1.50	1.53
Nb ppm	7.90	10.60	9.10	5.90	10.90	9.00	10.00	6.20	8.40	8.30	6.80	7.50	7.50	12.00
Ni ppm	55.70	53.90	52.80	97.80	28.80	25.50	59.40	65.30	37.60	57.30	28.80	25.70	26.70	36.00
P ppm	990.0	1000.0		1370.0	1310.0	2130.0		2210.0	1800.0					
	0	0	930.00	0	0	0	930.00	0	0	1310.00	990.00	1310.00	1230.00	1110.00
Pb ppm	10.20	10.40	21.80	11.70	16.00	16.30	21.70	17.90	15.20	10.40	69.90	50.40	50.30	39.20
Rb ppm	47.10	47.90	49.40	39.50	59.20	60.90	52.10	36.40	60.60	36.00	53.60	70.70	68.90	73.20
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.07	0.09	0.07	0.11	0.08	0.18	0.06	0.10	0.10	0.13	0.10	0.13	0.13	0.11
Sb ppm	1.36	1.10	1.23	1.26	1.27	1.35	1.52	1.42	1.06	0.79	1.08	1.19	1.18	1.50
Sc ppm	22.40	20.30	21.60	20.20	10.00	11.00	18.20	9.90	10.50	22.60	10.30	11.00	10.70	10.80
Se ppm	3.00	3.00	3.00	3.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Sn ppm	1.20	2.20	1.40	0.90	1.40	1.50	1.40	0.80	1.10	1.60	1.10	1.40	1.30	1.40
Sr ppm	115.0													
	0	70.60	90.10	63.10	116.00	82.00	130.00	49.20	45.40	66.90	53.20	43.00	42.70	55.30
Ta ppm	0.57	0.79	0.67	0.45	0.80	0.65	0.73	0.44	0.59	0.62	0.48	0.55	0.53	0.73
Te ppm	0.07	0.18	0.08	0.08	0.08	0.17	0.10	0.11	0.10	0.11	0.09	0.05	0.05	0.07
Th ppm	5.70	8.60	7.00	11.40	12.90	11.80	13.60	13.10	16.50	10.10	13.10	14.50	14.10	14.90
Ti %	0.64	0.66	0.63	0.25	0.42	0.36	0.36	0.22	0.27	0.49	0.23	0.22	0.22	0.28
Tl ppm	0.24	0.22	0.27	0.26	0.41	0.48	0.42	0.26	0.36	0.24	0.30	0.33	0.31	0.34
U ppm	1.80	3.50	2.20	2.60	2.50	2.90	2.90	2.80	3.30	3.30	2.50	2.90	2.90	3.40
V ppm	277.0													
	0	247.00	252.00	76.00	112.00	108.00	104.00	56.00	55.00	228.00	60.00	54.00	55.00	67.00
W ppm	1.60	2.60	2.00	1.20	1.40	1.40	1.20	1.10	1.00	1.90	1.20	1.20	1.20	1.40
Y ppm	19.50	17.90	23.90	36.00	14.80	13.80	36.50	25.40	28.80	20.90	39.50	40.60	40.50	38.10
Zn ppm	104.0													
	0	93.00	116.00	59.00	65.00	57.00	87.00	53.00	37.00	47.00	240.00	149.00	151.00	193.00
Zr ppm	54.00	61.00	57.90	66.00	87.40	85.10	103.00	70.00	96.70	71.30	80.00	86.30	86.30	95.20
Au ppm	0.02	0.01	0.01	0.02	0.00	0.00	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01
Sample	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848
Ag ppm	0.08	0.10	0.13	0.17	0.13	0.26	0.10	0.25	0.16	0.11	0.54	0.41	0.40	0.49
Al %	7.10	6.74	6.58	4.57	4.84	4.68	6.08	5.03	6.57	6.42	5.78	6.23	6.14	6.04
As ppm	12.60	14.20	9.80	48.20	15.70	39.70	88.70	113.50	176.50	67.30	45.20	41.70	44.10	51.70
Ba ppm	430.0													
	0	370.00	420.00	500.00	640.00	490.00	730.00	400.00	430.00	320.00	500.00	500.00	490.00	630.00

Sample	2849	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863
Ag ppm	0.13	0.15	0.08	0.21	0.41	0.22	0.15	0.11	0.07	0.07	0.11	0.09	0.14	0.11
Al %	5.53	5.75	6.53	2.67	6.16	6.18	6.00	6.86	6.81	7.76	7.65	6.91	6.82	5.98
As ppm	17.40	16.20	15.50	8.10	22.30	21.50	14.10	12.50	9.30	7.50	14.80	19.50	11.30	13.40
Ba ppm	840.0													
	0	280.00	340.00	280.00	440.00	510.00	860.00	880.00	630.00	190.00	520.00	390.00	370.00	540.00
Be ppm	1.41	1.24	1.53	0.74	1.29	1.60	1.58	1.80	1.73	1.28	1.48	1.34	1.83	1.11
Bi ppm	0.87	0.54	0.46	0.24	1.28	1.16	0.63	0.78	0.21	0.28	0.54	0.27	0.20	0.32
Ca %	1.49	1.64	0.88	2.81	1.20	0.99	1.33	1.17	0.74	0.97	1.49	1.28	0.90	0.97
Cd ppm	0.33	0.19	0.15	0.15	0.54	0.31	0.17	0.18	0.13	0.06	0.33	0.11	0.10	0.13
Ce ppm	74.10	94.90	91.50	32.10	108.00	122.00	68.80	65.90	105.00	42.10	79.70	54.10	79.80	47.10
Co ppm	20.50	26.20	36.50	18.80	34.60	24.00	23.00	27.10	37.50	74.80	73.20	88.90	59.10	37.70
Cr ppm	56.00	48.00	61.00	27.00	49.00	47.00	63.00	66.00	67.00	85.00	114.00	87.00	77.00	66.00
Cs ppm	3.61	3.42	4.59	2.37	4.28	5.24	5.71	7.32	5.52	6.85	9.65	8.65	8.39	7.22
Cu ppm	56.30	172.00	49.40	99.00	123.50	70.60	73.30	107.00	9.60	5.60	389.00	254.00	125.50	277.00
Fe %	5.09	6.17	7.83	2.73	5.42	4.74	5.16	5.03	6.29	10.10	9.43	9.54	10.00	6.78
Ga ppm	13.40	15.70	20.00	7.73	15.15	14.35	15.90	19.20	19.50	27.40	18.20	21.90	22.30	16.35
Ge ppm	0.23	0.26	0.29	0.15	0.30	0.30	0.25	0.23	0.28	0.26	0.27	0.29	0.32	0.24
Hf ppm	2.10	1.70	2.10	0.80	2.00	2.30	2.30	2.40	2.40	2.60	1.20	1.70	2.40	2.00
In ppm	0.10	0.07	0.09	0.04	0.07	0.06	0.10	0.11	0.07	0.08	0.11	0.10	0.10	0.07
K %	1.36	0.54	0.56	0.36	0.97	1.42	1.45	1.76	1.70	1.18	1.23	0.94	0.85	1.08
La ppm	39.70	54.40	49.50	18.00	58.10	63.80	39.30	38.80	52.40	19.40	24.80	26.90	40.90	25.30
Li ppm	21.20	29.50	35.50	15.30	31.40	30.80	28.20	34.70	43.30	73.70	52.20	63.90	59.00	36.70
Mg %	1.38	2.70	2.81	1.36	2.39	1.90	1.54	1.93	2.62	5.85	3.80	4.30	3.84	2.12
Mn ppm	5360.	1915.0	1875.0	1160.0	2460.0	2720.0	3980.0	3220.0	3820.0					
	00	0	0	0	0	0	0	0	0	2390.00	5810.00	1845.00	1390.00	1000.00
Mo ppm	3.69	1.61	2.12	1.31	1.46	1.31	2.69	2.26	2.47	2.15	1.18	2.08	3.30	4.66
Na %	1.38	2.26	2.62	0.71	2.13	1.92	1.17	1.19	1.02	1.73	1.12	1.44	1.72	1.44
Nb ppm	6.50	8.50	9.30	3.50	7.80	8.20	7.60	7.10	9.30	9.30	5.40	8.00	11.50	8.60
Ni ppm	32.50	35.50	37.50	20.90	38.80	30.30	35.80	40.80	50.00	90.60	66.40	68.30	62.70	39.00
P ppm	1100.	1120.0		1440.0			1350.0	1210.0	1900.0					
	00	0	830.00	0	730.00	680.00	0	0	0	1380.00	1310.00	950.00	1040.00	850.00
Pb ppm	14.90	11.60	12.80	13.40	71.60	33.20	18.90	16.00	11.60	4.50	19.10	8.30	15.50	10.50
Rb ppm	70.80	25.10	31.40	21.80	51.80	70.60	81.80	112.00	91.80	88.20	48.70	56.40	62.70	65.00
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.10	0.15	0.09	0.26	0.08	0.07	0.11	0.12	0.09	0.08	0.10	0.06	0.06	0.06
Sb ppm	0.91	0.52	0.69	0.46	1.17	1.05	0.89	0.82	0.79	0.48	1.47	1.11	0.97	1.11
Sc ppm	12.70	17.90	21.30	8.90	16.60	12.10	16.40	21.00	16.30	45.30	27.10	24.30	23.80	17.20
Se ppm	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Sn ppm	1.60	1.90	2.00	0.60	1.30	1.40	1.80	2.20	2.10	1.90	0.90	1.30	2.40	1.40
Sr ppm	123.0													
	0	29.40	53.10	47.40	66.30	49.60	110.00	102.00	71.20	31.60	84.80	78.40	71.70	112.00
Ta ppm	0.50	0.58	0.68	0.25	0.56	0.59	0.57	0.53	0.72	0.63	0.40	0.57	0.90	0.60
Te ppm	0.06	0.09	0.13	<0.05	0.06	0.06	0.08	0.09	0.10	0.07	<0.05	0.06	0.07	0.09
Th ppm	12.50	10.00	9.20	4.00	9.70	12.60	13.50	15.70	19.30	11.50	4.80	6.10	13.00	6.80
Ti %	0.31	0.40	0.58	0.19	0.42	0.35	0.34	0.32	0.41	0.81	0.57	0.73	0.65	0.57
Tl ppm	0.61	0.14	0.20	0.13	0.25	0.37	0.50	0.57	0.34	0.31	0.43	0.28	0.27	0.33
U ppm	4.30	3.10	3.20	1.30	2.50	2.70	4.40	4.90	4.10	2.00	1.50	2.20	4.30	2.70
V ppm	90.00	133.00	206.00	73.00	134.00	99.00	114.00	116.00	116.00	382.00	280.00	290.00	234.00	221.00
W ppm	1.40	1.70	2.20	0.70	1.50	1.40	1.60	1.70	2.90	1.70	1.50	1.60	2.70	1.70
Y ppm	23.30	21.90	23.00	12.00	26.90	23.30	26.60	32.10	25.10	27.40	26.40	25.30	24.00	16.90
Zn ppm	80.00	78.00	58.00	41.00	196.00	99.00	70.00	78.00	52.00	92.00	156.00	118.00	112.00	93.00
Zr ppm	69.90	57.90	67.70	28.60	65.80	75.90	77.10	79.40	79.40	96.10	36.40	51.80	79.60	68.80
Au ppm	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.02	0.01	0.04
Sample	2849	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863
Ag ppm	0.13	0.15	0.08	0.21	0.41	0.22	0.15	0.11	0.07	0.07	0.11	0.09	0.14	0.11
Al %	5.53	5.75	6.53	2.67	6.16	6.18	6.00	6.86	6.81	7.76	7.65	6.91	6.82	5.98
As ppm	17.40	16.20	15.50	8.10	22.30	21.50	14.10	12.50	9.30	7.50	14.80	19.50	11.30	13.40
Ba ppm	840.0													
	0	280.00	340.00	280.00	440.00	510.00	860.00	880.00	630.00	190.00	520.00	390.00	370.00	540.00

Sample	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867
Ag ppm	0.41	0.22	0.15	0.11	0.07	0.07	0.11	0.09	0.14	0.11	0.12	0.10	0.58	0.50
Al %	6.16	6.18	6.00	6.86	6.81	7.76	7.65	6.91	6.82	5.98	6.23	6.58	7.49	7.43
As ppm	22.30	21.50	14.10	12.50	9.30	7.50	14.80	19.50	11.30	13.40	17.80	18.40	34.00	33.70
Ba ppm	440.0													
	0	510.00	860.00	880.00	630.00	190.00	520.00	390.00	370.00	540.00	540.00	500.00	570.00	570.00
Be ppm	1.29	1.60	1.58	1.80	1.73	1.28	1.48	1.34	1.83	1.11	2.41	1.90	2.51	2.43
Bi ppm	1.28	1.16	0.63	0.78	0.21	0.28	0.54	0.27	0.20	0.32	0.40	0.98	2.17	1.64
Ca %	1.20	0.99	1.33	1.17	0.74	0.97	1.49	1.28	0.90	0.97	1.02	0.95	0.44	0.41
Cd ppm	0.54	0.31	0.17	0.18	0.13	0.06	0.33	0.11	0.10	0.13	0.27	0.19	0.51	0.29
Ce ppm	108.0													
	0	122.00	68.80	65.90	105.00	42.10	79.70	54.10	79.80	47.10	266.00	61.50	92.40	94.50
Co ppm	34.60	24.00	23.00	27.10	37.50	74.80	73.20	88.90	59.10	37.70	75.50	43.80	26.90	25.40
Cr ppm	49.00	47.00	63.00	66.00	67.00	85.00	114.00	87.00	77.00	66.00	48.00	104.00	72.00	72.00
Cs ppm	4.28	5.24	5.71	7.32	5.52	6.85	9.65	8.65	8.39	7.22	4.83	11.55	7.19	7.18
Cu ppm	123.5													
	0	70.60	73.30	107.00	9.60	5.60	389.00	254.00	125.50	277.00	1165.00	221.00	379.00	372.00
Fe %	5.42	4.74	5.16	5.03	6.29	10.10	9.43	9.54	10.00	6.78	6.28	6.53	7.52	7.70
Ga ppm	15.15	14.35	15.90	19.20	19.50	27.40	18.20	21.90	22.30	16.35	17.00	16.00	28.70	22.70
Ge ppm	0.30	0.30	0.25	0.23	0.28	0.26	0.27	0.29	0.32	0.24	0.55	0.22	0.31	0.22
Hf ppm	2.00	2.30	2.30	2.40	2.40	2.60	1.20	1.70	2.40	2.00	1.50	1.90	3.50	3.50
In ppm	0.07	0.06	0.10	0.11	0.07	0.08	0.11	0.10	0.10	0.07	0.13	0.15	0.16	0.10
K %	0.97	1.42	1.45	1.76	1.70	1.18	1.23	0.94	0.85	1.08	1.37	0.91	1.33	1.30
La ppm	58.10	63.80	39.30	38.80	52.40	19.40	24.80	26.90	40.90	25.30	139.00	28.40	48.30	48.90
Li ppm	31.40	30.80	28.20	34.70	43.30	73.70	52.20	63.90	59.00	36.70	50.90	30.30	80.70	90.20
Mg %	2.39	1.90	1.54	1.93	2.62	5.85	3.80	4.30	3.84	2.12	3.29	2.86	2.64	2.71
Mn ppm	2460.	2720.0	3980.0	3220.0	3820.0	2390.0	5810.0	1845.0	1390.0					
	00	0	0	0	0	0	0	0	0	1000.00	9580.00	2670.00	895.00	882.00
Mo ppm	1.46	1.31	2.69	2.26	2.47	2.15	1.18	2.08	3.30	4.66	0.97	1.47	8.83	8.75
Na %	2.13	1.92	1.17	1.19	1.02	1.73	1.12	1.44	1.72	1.44	0.59	1.44	0.72	0.66
Nb ppm	7.80	8.20	7.60	7.10	9.30	9.30	5.40	8.00	11.50	8.60	5.20	7.20	12.00	12.10
Ni ppm	38.80	30.30	35.80	40.80	50.00	90.60	66.40	68.30	62.70	39.00	83.70	89.40	54.20	47.90
P ppm	730.0		1350.0	1210.0	1900.0	1380.0	1310.0		1040.0					
	0	680.00	0	0	0	0	0	950.00	0	850.00	1200.00	670.00	1050.00	1030.00
Pb ppm	71.60	33.20	18.90	16.00	11.60	4.50	19.10	8.30	15.50	10.50	8.70	16.70	225.00	204.00
Rb ppm	51.80	70.60	81.80	112.00	91.80	88.20	48.70	56.40	62.70	65.00	100.50	55.60	71.00	70.30
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.00	0.00
S %	0.08	0.07	0.11	0.12	0.09	0.08	0.10	0.06	0.06	0.06	0.10	0.05	0.13	0.13
Sb ppm	1.17	1.05	0.89	0.82	0.79	0.48	1.47	1.11	0.97	1.11	0.71	1.52	4.80	4.33
Sc ppm	16.60	12.10	16.40	21.00	16.30	45.30	27.10	24.30	23.80	17.20	12.90	23.50	14.20	14.40
Se ppm	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	5.00	2.00	3.00	3.00
Sn ppm	1.30	1.40	1.80	2.20	2.10	1.90	0.90	1.30	2.40	1.40	1.50	1.40	2.30	1.90
Sr ppm	66.30	49.60	110.00	102.00	71.20	31.60	84.80	78.40	71.70	112.00	42.40	125.50	93.00	89.70
Ta ppm	0.56	0.59	0.57	0.53	0.72	0.63	0.40	0.57	0.90	0.60	0.41	0.53	1.01	1.04
Te ppm	0.06	0.06	0.08	0.09	0.10	0.07	<0.05	0.06	0.07	0.09	0.05	0.05	0.26	0.12
Th ppm	9.70	12.60	13.50	15.70	19.30	11.50	4.80	6.10	13.00	6.80	29.70	9.10	22.10	22.60
Ti %	0.42	0.35	0.34	0.32	0.41	0.81	0.57	0.73	0.65	0.57	0.40	0.34	0.37	0.36
Tl ppm	0.25	0.37	0.50	0.57	0.34	0.31	0.43	0.28	0.27	0.33	0.51	0.56	0.54	0.41
U ppm	2.50	2.70	4.40	4.90	4.10	2.00	1.50	2.20	4.30	2.70	5.40	2.20	18.50	18.40
V ppm	134.0													
	0	99.00	114.00	116.00	116.00	382.00	280.00	290.00	234.00	221.00	74.00	186.00	114.00	111.00
W ppm	1.50	1.40	1.60	1.70	2.90	1.70	1.50	1.60	2.70	1.70	1.90	0.90	2.20	2.10
Y ppm	26.90	23.30	26.60	32.10	25.10	27.40	26.40	25.30	24.00	16.90	91.10	24.20	19.70	19.10
Zn ppm	196.0													
	0	99.00	70.00	78.00	52.00	92.00	156.00	118.00	112.00	93.00	37.00	106.00	160.00	161.00
Zr ppm	65.80	75.90	77.10	79.40	79.40	96.10	36.40	51.80	79.60	68.80	47.90	66.20	110.00	109.00
Au ppm	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.02	0.01	0.04	0.00	0.00	0.01	0.01
Sample	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867
Ag ppm	0.41	0.22	0.15	0.11	0.07	0.07	0.11	0.09	0.14	0.11	0.12	0.10	0.58	0.50
Al %	6.16	6.18	6.00	6.86	6.81	7.76	7.65	6.91	6.82	5.98	6.23	6.58	7.49	7.43
As ppm	22.30	21.50	14.10	12.50	9.30	7.50	14.80	19.50	11.30	13.40	17.80	18.40	34.00	33.70
Ba ppm	440.0													
	0	510.00	860.00	880.00	630.00	190.00	520.00	390.00	370.00	540.00	540.00	500.00	570.00	570.00

Sample	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881
Ag ppm	0.12	0.23	0.21	0.12	0.08	0.21	0.40	0.40	0.92	0.92	0.49	0.46	1.03	0.45
Al %	5.81	7.02	7.03	5.94	7.23	7.01	6.34	7.82	8.10	8.54	7.50	7.43	8.16	6.75
As ppm	23.10	7.40	12.40	14.90	9.80	38.40	56.20	66.00	66.20	59.10	35.90	57.50	84.90	101.50
Ba ppm	470.0													
	0	480.00	720.00	650.00	390.00	680.00	740.00	750.00	660.00	700.00	670.00	660.00	490.00	320.00
Be ppm	1.16	1.89	1.74	2.15	1.85	2.63	2.24	3.29	3.48	3.24	3.54	3.10	3.91	1.89
Bi ppm	0.77	0.37	0.40	0.21	0.16	0.75	1.00	1.32	1.34	1.32	0.68	1.18	1.95	1.75
Ca %	1.25	1.40	1.13	0.89	0.74	0.77	0.64	0.37	0.34	0.17	0.55	0.38	0.37	1.18
Cd ppm	0.37	0.15	0.27	0.27	0.09	1.04	0.64	1.11	0.88	0.34	0.47	0.80	0.33	0.57
Ce ppm	57.90	70.60	37.90	99.10	93.40	86.00	107.00	115.50	111.50	115.00	91.20	99.70	107.50	71.20
Co ppm	74.30	55.80	56.60	16.50	44.70	59.80	57.00	62.20	89.30	122.00	99.40	57.90	62.60	49.30
Cr ppm	49.00	97.00	78.00	73.00	86.00	69.00	71.00	79.00	73.00	91.00	70.00	78.00	69.00	89.00
Cs ppm	7.34	10.70	10.85	3.25	10.45	5.76	5.55	8.96	9.87	11.85	6.59	9.76	11.45	9.40
Cu ppm	41.50	26.60	480.00	40.10	54.40	149.50	129.00	150.00	215.00	242.00	236.00	156.00	288.00	272.00
Fe %	6.27	7.79	9.03	4.75	7.55	6.32	6.10	5.98	7.33	6.99	4.98	6.74	7.23	7.91
Ga ppm	22.30	25.30	22.40	13.90	21.50	17.05	16.45	21.10	17.95	21.20	15.20	17.80	17.30	21.20
Ge ppm	0.20	0.23	0.20	0.19	0.21	0.20	0.27	0.26	0.31	0.27	0.19	0.21	0.23	0.18
Hf ppm	2.30	2.40	1.70	2.50	1.80	2.30	2.60	3.00	3.00	3.20	2.80	3.30	3.20	2.50
In ppm	0.09	0.15	0.12	0.09	0.12	0.07	0.07	0.09	0.09	0.10	0.07	0.09	0.13	0.11
K %	0.87	2.03	1.48	0.98	0.97	1.29	1.49	2.19	1.65	2.21	1.35	1.71	1.40	0.93
La ppm	28.70	41.10	18.30	42.00	48.10	41.50	51.90	54.30	56.20	49.40	41.40	46.90	48.70	36.70
Li ppm	34.90	63.30	76.60	25.80	49.90	51.00	40.70	56.80	60.90	60.30	58.00	59.30	56.90	42.90
Mg %	1.99	4.92	4.69	1.10	3.24	1.53	1.11	1.50	1.09	1.48	0.87	1.10	1.09	2.95
Mn ppm	101.0	2090.0	2020.0	1050.0	1695.0	3270.0	2470.0	2650.0	3120.0					
	00	0	0	0	0	0	0	0	0	4170.00	2290.00	2150.00	862.00	1695.00
Mo ppm	3.30	1.49	4.60	1.40	1.03	3.41	4.52	3.85	7.35	6.06	4.15	5.57	9.06	8.10
Na %	1.67	1.09	1.50	1.29	2.06	1.29	1.05	0.87	0.73	0.67	0.96	0.77	0.76	1.88
Nb ppm	10.10	8.20	6.80	11.00	9.00	8.80	9.50	10.50	9.10	10.50	10.50	10.80	9.20	8.30
Ni ppm	28.50	69.10	64.10	35.40	58.40	123.50	93.10	72.50	157.00	99.40	147.00	121.50	85.00	67.40
P ppm	990.0					1080.0	1260.0	1190.0	1520.0					
	0	620.00	340.00	840.00	980.00	0	0	0	0	1330.00	1060.00	1200.00	1530.00	1260.00
Pb ppm	220.0													
	0	106.50	90.80	14.00	9.80	48.50	62.00	59.10	91.70	89.30	45.90	83.10	151.50	80.40
Rb ppm	52.10	84.10	71.20	49.00	72.30	74.60	85.20	134.50	103.50	139.00	73.00	101.50	87.20	53.00
Re ppm	0.00	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.00	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.06	0.04	0.02	0.05	0.06	0.06	0.06	0.07	0.11	0.15	0.07	0.11	0.22	0.12
Sb ppm	1.25	0.97	1.31	1.05	0.75	2.19	2.78	2.72	3.86	3.25	2.77	3.66	5.06	2.14
Sc ppm	23.40	30.40	28.60	14.50	25.20	17.10	15.10	17.60	15.30	18.60	12.60	13.30	14.20	21.20
Se ppm	4.00	3.00	2.00	3.00	2.00	3.00	3.00	3.00	5.00	4.00	3.00	3.00	4.00	2.00
Sn ppm	1.70	1.90	1.50	2.10	1.90	1.50	1.60	2.10	1.70	2.00	1.70	2.10	1.90	1.60
Sr ppm	116.0													
	0	57.00	68.10	155.00	81.80	116.00	127.50	88.70	85.80	58.30	122.50	88.60	80.10	59.00
Ta ppm	0.78	0.61	0.52	0.89	0.76	0.68	0.72	0.77	0.69	0.78	0.80	0.79	0.69	0.59
Te ppm	0.22	0.09	0.13	0.10	0.05	0.10	0.15	0.15	0.22	0.21	0.11	0.18	0.25	0.19
Th ppm	8.60	5.60	3.90	12.50	7.50	13.40	16.40	19.20	19.40	19.40	14.30	18.90	25.60	11.30
Ti %	0.59	0.80	0.64	0.39	0.57	0.43	0.35	0.33	0.30	0.34	0.34	0.33	0.29	0.47
Tl ppm	0.31	0.34	0.46	0.31	0.33	0.59	0.70	0.95	0.98	1.23	0.78	0.79	0.87	0.36
U ppm	3.50	4.50	3.60	3.70	2.70	4.30	6.10	6.30	9.20	15.10	13.00	7.90	12.70	4.40
V ppm	251.0													
	0	309.00	292.00	120.00	226.00	139.00	104.00	100.00	99.00	111.00	100.00	100.00	95.00	188.00
W ppm	2.40	2.70	4.40	1.90	1.80	1.40	1.30	1.60	1.50	1.70	1.30	1.50	1.40	1.50
Y ppm	18.20	19.50	16.10	21.30	18.50	24.40	28.60	26.00	47.60	28.80	42.90	24.40	35.40	19.70
Zn ppm	320.0													
	0	169.00	167.00	67.00	88.00	289.00	235.00	327.00	416.00	256.00	357.00	370.00	422.00	197.00
Zr ppm	79.40	83.30	55.70	82.60	58.90	77.60	86.10	100.00	96.80	110.00	81.40	102.50	98.80	78.30
Au ppm	0.01	0.00	0.01	0.02	0.00	0.01	0.01	0.02	0.01	0.00	0.00	0.01	0.01	0.01
Sample	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881
Ag ppm	0.12	0.23	0.21	0.12	0.08	0.21	0.40	0.40	0.92	0.92	0.49	0.46	1.03	0.45
Al %	5.81	7.02	7.03	5.94	7.23	7.01	6.34	7.82	8.10	8.54	7.50	7.43	8.16	6.75
As ppm	23.10	7.40	12.40	14.90	9.80	38.40	56.20	66.00	66.20	59.10	35.90	57.50	84.90	101.50
Ba ppm	470.0													
	0	480.00	720.00	650.00	390.00	680.00	740.00	750.00	660.00	700.00	670.00	660.00	490.00	320.00

Sample	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895
Ag ppm	0.81	0.66	0.29	0.40	0.05	0.07	0.05	0.07	0.09	0.09	0.06	0.04	0.05	0.06
Al %	6.55	6.86	6.86	7.14	5.04	7.12	7.14	7.06	7.39	7.22	6.27	6.16	6.52	5.46
As ppm	296.0													
Ba ppm	0	154.50	141.00	160.00	2.90	3.80	3.70	6.40	13.10	12.60	11.30	6.70	3.30	2.40
Be ppm	340.0					1000.0	1040.0							
Bi ppm	0	310.00	270.00	410.00	700.00	0	0	590.00	300.00	650.00	730.00	600.00	770.00	600.00
Bj ppm	1.79	2.10	1.65	1.88	1.42	2.25	1.50	2.42	2.81	2.50	1.70	1.65	1.80	1.27
Ca %	5.38	4.07	3.75	2.68	0.18	0.18	0.21	0.19	0.59	0.60	0.26	0.18	0.29	0.40
Cd ppm	1.14	1.05	0.91	1.18	2.16	0.80	0.69	0.91	0.82	0.44	0.54	0.44	0.59	1.00
Ce ppm	0.54	0.40	0.33	0.34	0.18	0.17	0.16	0.13	0.09	0.17	0.16	0.14	0.07	0.17
Co ppm	77.70	98.90	107.00	106.00	53.20	95.50	84.50	83.50	116.50	94.40	88.00	125.00	94.40	77.80
Cr ppm	108.0													
Cs ppm	0	97.70	100.50	76.70	12.30	19.80	19.10	36.80	33.20	36.30	15.60	14.30	14.40	10.80
Cu ppm	82.00	75.00	69.00	77.00	79.00	63.00	64.00	60.00	74.00	75.00	75.00	57.00	57.00	45.00
Fe %	8.45	7.91	5.11	6.72	4.73	5.65	4.71	8.10	5.82	10.05	4.47	3.48	4.12	4.15
Ga ppm	686.0													
Ge ppm	0	290.00	214.00	493.00	23.50	60.60	82.60	138.50	63.80	477.00	74.40	39.70	191.50	52.20
Hf ppm	11.30	10.40	9.22	11.10	3.11	3.99	4.40	5.58	7.59	6.95	3.90	3.31	3.59	2.89
In ppm	18.95	21.70	20.00	21.80	14.15	22.20	17.70	24.30	23.10	19.65	17.00	16.40	16.95	13.65
K %	0.18	0.24	0.22	0.23	0.13	0.19	0.15	0.18	0.24	0.24	0.20	0.22	0.18	0.14
La ppm	2.30	2.50	2.40	2.30	1.50	2.80	2.20	2.50	2.30	2.50	2.50	2.40	2.20	1.80
Li ppm	0.16	0.14	0.11	0.14	0.07	0.09	0.08	0.11	0.11	0.17	0.07	0.06	0.07	0.05
Mg %	0.63	0.82	0.70	0.91	1.51	1.87	1.87	1.07	0.67	1.33	1.19	1.04	1.63	1.44
Mn ppm	42.40	53.70	58.20	54.90	27.60	47.10	41.50	41.60	63.60	50.90	43.00	62.30	46.60	38.80
Mo ppm	46.80	57.90	43.70	59.80	15.70	26.30	19.40	46.10	42.70	42.70	33.80	26.10	21.90	14.00
Nb ppm	4.06	3.54	2.83	3.87	1.52	1.59	1.58	3.15	2.91	2.23	0.96	1.00	1.32	0.88
Ni ppm	480.0	3140.0	3480.0	4370.0	4070.0	4730.0	5550.0	3510.0	1745.0					
Pb ppm	00	0	0	0	0	0	0	0	0	2650.00	1400.00	2720.00	3640.00	2990.00
Rb ppm	15.95	12.20	13.15	10.60	1.04	2.42	1.98	2.78	1.42	3.40	1.72	2.06	1.61	1.74
Re ppm	1.49	2.19	2.74	1.75	0.71	1.59	1.77	2.07	3.05	1.56	1.06	1.70	1.63	1.37
S %	6.10	8.60	8.40	8.00	3.80	6.00	4.90	7.10	11.80	7.20	9.80	7.50	5.40	5.60
Sb ppm	88.50	76.60	68.90	85.60	42.60	37.90	32.80	56.50	57.70	50.80	38.70	33.50	30.00	21.10
Sc ppm	130.0	960.00	0	1090.0	1040.0	1190.0	1280.0	1140.0	0	960.00	1160.00	830.00	920.00	1470.00
Se ppm	183.0													
Sn ppm	0	104.50	80.40	32.40	4.20	7.10	5.30	7.30	7.00	9.30	12.80	9.50	4.90	8.00
Sr ppm	32.30	42.70	33.40	54.40	86.50	113.00	90.70	53.10	41.50	73.20	77.50	61.10	91.70	92.80
Ta ppm	0.00	0.00	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Tb ppm	0.15	0.18	0.16	0.15	0.15	0.09	0.06	0.07	0.03	0.04	0.03	0.03	0.05	0.11
Te ppm	2.29	1.97	1.59	2.37	0.28	0.46	0.32	0.57	0.83	0.89	1.06	0.72	0.47	0.50
Th ppm	27.10	30.50	25.50	27.30	11.70	16.10	12.80	24.50	21.50	31.40	13.20	12.00	12.10	10.80
Ti %	3.00	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.00	3.00	2.00	2.00	2.00	1.00
Tl ppm	1.60	2.10	2.20	1.90	1.90	2.80	2.20	2.40	3.60	2.00	1.80	1.70	2.00	1.60
U ppm	33.30	38.20	37.20	47.10	59.80	95.40	95.00	102.00	71.40	90.00	120.00	115.00	100.00	123.00
V ppm	0.44	0.66	0.64	0.60	0.33	0.50	0.40	0.58	0.91	0.56	0.75	0.55	0.43	0.39
W ppm	0.31	0.28	0.25	0.20	<0.05	0.07	0.08	0.09	0.16	0.14	0.06	0.06	0.08	0.06
X ppm	14.00	13.90	13.40	13.50	10.80	17.30	14.80	13.60	17.00	14.80	12.50	15.00	14.00	11.00
Y ppm	0.35	0.45	0.43	0.49	0.20	0.28	0.28	0.38	0.44	0.37	0.35	0.30	0.25	0.23
Zr ppm	0.43	0.40	0.38	0.37	0.40	0.50	0.44	0.40	0.23	0.33	0.47	0.39	0.37	0.34
Ag ppm	9.40	7.80	7.10	7.90	4.10	4.80	5.80	5.00	4.70	5.90	3.50	4.50	3.70	2.90
Al %	202.0													
As ppm	0	210.00	183.00	213.00	59.00	81.00	76.00	137.00	138.00	158.00	101.00	81.00	72.00	72.00
Ba ppm	1.80	3.20	4.10	2.40	1.30	1.90	1.50	1.40	1.70	1.90	1.40	1.40	1.50	1.20
Be ppm	31.60	29.40	27.70	34.70	24.10	32.50	29.00	29.90	32.70	34.70	25.50	28.90	29.90	14.40
Bi ppm	291.0													
Bj ppm	0	176.00	134.00	138.00	38.00	29.00	25.00	49.00	45.00	51.00	52.00	38.00	25.00	35.00
Ca %	69.50	71.90	73.90	68.40	45.50	86.50	69.20	76.70	71.90	74.50	76.10	74.90	69.40	63.10
Cd ppm	0.03	0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
Ce ppm	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895
Co ppm	0.81	0.66	0.29	0.40	0.05	0.07	0.05	0.07	0.09	0.09	0.06	0.04	0.05	0.06
Cr ppm	6.55	6.86	6.86	7.14	5.04	7.12	7.14	7.06	7.39	7.22	6.27	6.16	6.52	5.46
Cs ppm	296.0													
D ppm	0	154.50	141.00	160.00	2.90	3.80	3.70	6.40	13.10	12.60	11.30	6.70	3.30	2.40
E ppm	340.0					1000.0	1040.0							
F ppm	0	310.00	270.00	410.00	700.00	0	0	590.00	300.00	650.00	730.00	600.00	770.00	600.00

Sample	2896	2897	2898	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943
Ag ppm	0.09	0.09	0.07	0.12	0.07	0.06	0.13	0.12	0.11	0.07	0.04	0.03	0.04	0.08
Al %	3.81	2.69	3.48	6.91	7.47	7.06	7.22	6.31	5.07	6.69	6.70	6.91	4.90	4.27
As ppm	2.80	1.80	2.30	7.90	4.40	2.40	8.70	5.50	3.60	14.00	10.10	8.90	5.40	3.00
Ba ppm	610.0				2050.0	1080.0	1400.0	4640.0	2200.0					
	0	340.00	430.00	580.00	0	0	0	0	0	1830.00	1200.00	1350.00	760.00	930.00
Be ppm	1.10	0.76	0.86	1.50	2.68	2.47	3.01	1.96	1.76	2.10	2.26	2.07	1.40	1.19
Bi ppm	0.21	0.12	0.14	0.19	0.19	0.10	0.19	0.30	0.20	0.37	0.24	0.18	0.12	0.17
Ca %	1.60	2.54	2.61	0.79	0.74	1.04	0.70	0.58	1.69	0.83	0.61	0.51	1.21	1.56
Cd ppm	0.15	0.17	0.14	0.12	0.14	0.05	0.21	0.15	0.16	0.18	0.13	0.11	0.11	0.30
Ce ppm	37.70	36.80	34.10	83.90	124.00	91.10	157.50	124.50	88.20	99.50	97.90	95.10	61.60	60.80
Co ppm	12.40	6.30	9.90	20.30	18.60	14.30	17.70	32.40	20.50	17.80	16.90	16.20	11.10	12.30
Cr ppm	43.00	29.00	43.00	68.00	59.00	54.00	62.00	68.00	49.00	63.00	61.00	64.00	39.00	40.00
Cs ppm	3.24	1.92	2.06	3.54	4.24	4.25	10.05	5.31	4.12	5.93	5.83	6.03	4.03	3.78
Cu ppm	77.20	100.50	68.80	20.00	19.20	20.90	89.60	132.00	99.90	222.00	63.10	56.80	20.30	67.60
Fe %	2.20	1.46	2.22	5.07	4.46	3.97	4.46	4.73	3.87	4.89	4.49	4.18	2.78	2.67
Ga ppm	11.55	7.31	8.56	22.40	22.80	19.90	20.70	17.35	14.70	16.85	16.65	17.25	12.30	10.30
Ge ppm	0.15	0.14	0.14	0.21	0.27	0.22	0.32	0.26	0.20	0.21	0.19	0.18	0.15	0.15
Hf ppm	1.30	1.00	1.10	2.60	2.90	2.60	3.30	2.80	1.80	2.70	2.90	3.00	2.10	1.60
In ppm	0.04	0.03	0.03	0.05	0.05	0.05	0.08	0.07	0.08	0.07	0.06	0.06	0.04	0.05
K %	1.08	0.71	0.78	0.89	2.32	2.31	2.10	1.63	1.49	2.16	2.18	2.25	1.44	1.24
La ppm	19.80	20.30	18.20	38.20	61.50	44.80	85.20	65.10	44.80	55.80	53.40	53.50	31.90	32.50
Li ppm	15.00	9.60	13.60	48.00	28.10	23.40	35.00	25.20	18.50	27.70	28.30	29.20	16.10	19.60
Mg %	0.71	0.50	0.89	2.03	1.18	1.02	0.96	0.89	0.70	1.02	1.01	1.11	0.68	0.68
Mn ppm	3880.	1880.0	1330.0	1360.0	6630.0	4210.0	5260.0	6700.0	6830.0					
	00	0	0	0	0	0	0	0	0	6240.00	4080.00	3460.00	3870.00	4650.00
Mo ppm	1.93	1.34	1.02	1.13	0.78	2.27	2.42	2.30	1.90	2.77	2.59	1.77	1.20	3.52
Na %	0.69	0.70	0.92	2.29	1.58	1.37	1.29	1.62	1.08	1.07	1.08	1.16	0.90	0.71
Nb ppm	3.80	2.60	3.50	11.40	6.60	5.80	8.00	5.60	4.60	6.50	6.70	7.80	5.50	4.50
Ni ppm	21.10	15.70	23.00	47.80	35.80	25.20	33.10	28.40	22.20	31.70	30.00	32.50	19.20	21.10
P ppm	1530.	1390.0	1050.0	1270.0		1170.0			2130.0					
	00	0	0	0	870.00	0	820.00	930.00	0	1080.00	930.00	900.00	1640.00	1360.00
Pb ppm	5.20	2.30	3.40	9.40	6.60	4.40	13.50	10.40	10.00	11.90	10.10	7.70	6.10	8.50
Rb ppm	65.70	42.90	43.90	55.20	150.00	150.50	159.50	101.00	90.50	130.50	126.50	133.50	91.90	79.70
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	0.00	0.00	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.19	0.26	0.19	0.06	0.05	0.08	0.04	0.08	0.16	0.07	0.05	0.05	0.15	0.16
Sb ppm	0.51	0.47	0.45	0.86	0.68	0.52	1.03	0.68	0.63	0.86	0.78	0.76	0.57	0.53
Sc ppm	9.80	5.90	7.80	20.10	17.40	14.40	18.30	15.40	29.20	15.90	13.40	13.60	9.30	9.10
Se ppm	2.00	2.00	2.00	3.00	3.00	3.00	4.00	3.00	3.00	2.00	2.00	2.00	2.00	2.00
Sn ppm	1.40	0.90	1.00	2.50	2.80	2.50	2.30	1.80	1.50	2.10	2.20	2.20	1.60	1.40
Sr ppm	103.0													
	0	98.90	109.50	91.40	68.80	78.10	109.00	124.00	83.10	107.50	100.00	101.50	94.00	103.00
Ta ppm	0.28	0.20	0.27	0.94	0.58	0.52	0.68	0.48	0.39	0.52	0.55	0.63	0.42	0.36
Te ppm	0.06	<0.05	<0.05	0.05	0.08	0.05	0.08	0.09	0.08	0.15	0.10	0.06	0.07	0.05
Th ppm	9.90	7.30	6.60	15.30	20.40	16.80	28.20	19.50	12.00	17.40	15.80	16.30	11.60	9.60
Ti %	0.16	0.11	0.20	0.44	0.28	0.26	0.29	0.24	0.23	0.28	0.29	0.31	0.21	0.19
Tl ppm	0.35	0.20	0.18	0.26	0.37	0.38	0.54	0.43	0.40	0.48	0.55	0.54	0.42	0.34
U ppm	3.20	3.30	4.30	3.30	5.60	5.50	6.40	4.10	3.00	4.90	5.00	4.80	3.90	5.60
V ppm	52.00	31.00	58.00	137.00	83.00	71.00	82.00	73.00	94.00	85.00	85.00	88.00	53.00	54.00
W ppm	1.10	0.80	0.90	2.70	2.60	2.60	2.70	1.90	1.60	1.70	1.60	1.90	1.30	1.20
Y ppm	17.40	17.20	13.50	20.10	37.40	24.30	53.50	37.40	30.60	41.60	33.90	32.30	18.80	22.00
Zn ppm	24.00	26.00	52.00	68.00	30.00	21.00	41.00	36.00	24.00	39.00	38.00	32.00	20.00	33.00
Zr ppm	40.90	31.90	34.40	85.00	95.40	83.40	109.50	94.50	61.70	85.10	85.30	86.80	63.30	52.30
Au ppm	0.01	0.00	<0.001	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.02	0.01
Sample	2896	2897	2898	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943
Ag ppm	0.09	0.09	0.07	0.12	0.07	0.06	0.13	0.12	0.11	0.07	0.04	0.03	0.04	0.08
Al %	3.81	2.69	3.48	6.91	7.47	7.06	7.22	6.31	5.07	6.69	6.70	6.91	4.90	4.27
As ppm	2.80	1.80	2.30	7.90	4.40	2.40	8.70	5.50	3.60	14.00	10.10	8.90	5.40	3.00
Ba ppm	610.0				2050.0	1080.0	1400.0	4640.0	2200.0					
	0	340.00	430.00	580.00	0	0	0	0	0	1830.00	1200.00	1350.00	760.00	930.00

Sample	2944	2945	2946	2947	2948	2949	2951	2952	2953	2954	2955	2956	2957	2958
Ag ppm	0.14	0.08	0.18	0.08	0.09	0.09	0.12	0.08	0.10	0.16	0.25	0.08	0.16	0.14
Al %	5.22	7.18	6.04	6.59	6.21	6.70	6.18	6.30	6.23	6.24	6.31	7.44	8.29	7.52
As ppm	6.90	4.90	4.50	4.60	10.70	10.70	13.80	11.60	12.50	20.80	16.70	20.80	14.70	14.70
Ba ppm	2210.00	600.00	1110.00	1340.00	490.00	480.00	490.00	530.00	450.00	470.00	410.00	350.00	420.00	340.00
Be ppm	1.85	2.66	3.09	2.13	1.94	1.92	1.51	1.91	1.91	1.89	1.38	1.85	1.63	1.54
Bi ppm	0.29	0.22	0.25	0.49	0.56	0.24	0.30	0.30	0.25	0.25	0.49	0.57	0.44	0.45
Ca %	0.81	0.90	1.16	1.03	0.74	1.02	0.91	1.07	0.94	0.71	1.36	1.18	1.58	1.31
Cd ppm	0.34	0.08	0.11	0.19	0.13	0.14	0.11	0.17	0.16	0.15	0.17	0.11	0.22	0.11
Ce ppm	112.00	99.40	152.50	121.00	96.50	92.20	76.00	73.60	98.50	66.00	70.70	69.40	75.40	69.80
Co ppm	23.60	32.40	49.10	20.30	34.30	42.40	44.30	31.70	56.60	66.30	64.20	56.10	72.10	63.60
Cr ppm	57.00	185.00	746.00	126.00	81.00	84.00	86.00	85.00	113.00	84.00	90.00	85.00	94.00	80.00
Cs ppm	4.80	8.34	7.82	4.77	4.40	4.84	4.20	5.57	8.07	7.39	5.26	7.48	8.92	8.15
Cu ppm	161.50	27.80	128.50	103.50	109.00	98.20	288.00	235.00	352.00	607.00	1720.00	567.00	378.00	227.00
Fe %	6.08	4.73	6.22	3.94	6.13	7.78	6.83	6.21	10.65	9.60	9.08	9.73	11.95	10.50
Ga ppm	13.50	22.20	18.15	17.15	18.60	19.40	16.95	16.40	20.40	16.55	17.30	19.05	24.40	23.30
Ge ppm	0.24	0.18	0.26	0.20	0.18	0.22	0.17	0.17	0.23	0.18	0.17	0.17	0.22	0.19
Hf ppm	2.40	2.60	4.80	3.30	2.50	2.70	2.20	2.30	2.50	2.00	2.00	1.60	1.80	1.80
In ppm	0.07	0.04	0.07	0.05	0.11	0.09	0.09	0.10	0.15	0.09	0.12	0.09	0.11	0.11
K %	1.54	1.30	1.80	2.42	0.81	0.76	0.91	0.96	0.99	0.94	0.85	0.88	1.08	1.02
La ppm	60.80	50.30	78.00	63.70	47.20	48.20	39.30	38.00	53.10	33.80	36.00	34.10	42.10	37.70
Li ppm	26.90	46.00	37.20	26.60	37.50	38.10	36.00	44.30	52.00	38.60	36.70	44.80	62.40	55.90
Mg %	1.00	2.40	4.69	1.56	2.32	2.56	1.98	2.40	3.00	2.24	2.51	2.95	4.62	3.89
Mn ppm	1030.00	2430.00	4380.00	3310.00	1460.00	1520.00	1140.00	1280.00	1210.00	1100.00	1220.00	1430.00	2740.00	1980.00
Mo ppm	2.57	3.97	2.64	3.27	1.28	1.22	1.54	1.50	1.16	6.15	2.41	1.31	1.33	1.41
Na %	0.73	2.12	0.59	0.93	1.69	2.00	1.46	1.39	1.17	1.45	1.55	2.51	2.29	2.12
Nb ppm	5.60	8.20	52.10	13.90	12.30	13.10	10.90	10.70	13.30	9.50	10.00	10.30	10.10	10.80
Ni ppm	45.60	93.00	426.00	74.90	52.10	52.90	49.00	47.30	75.10	42.20	46.30	64.30	92.00	78.00
P ppm	107.00	2280.00	2420.00	1700.00	0	930.00	890.00	910.00	650.00	880.00	900.00	1010.00	560.00	1070.00
Pb ppm	11.10	6.20	14.30	8.00	17.00	15.60	11.70	12.30	9.70	13.50	59.10	22.20	57.90	43.90
Rb ppm	102.50	105.50	121.00	145.00	45.20	40.00	50.50	51.70	75.60	82.20	55.50	86.30	133.00	129.50
Re ppm	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.08	0.07	0.05	0.03	0.04	0.04	0.06	0.03	0.05	0.06	0.05	0.03	0.03	0.04
Sb ppm	0.74	0.62	0.74	0.79	0.88	0.88	0.97	1.07	0.88	0.99	0.97	1.02	0.84	0.86
Sc ppm	12.30	14.00	19.90	13.50	19.50	18.20	16.90	18.90	18.00	16.90	20.90	21.30	26.00	23.00
Se ppm	3.00	2.00	2.00	2.00	1.00	2.00	2.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00
Sn ppm	1.70	1.50	2.50	2.30	2.40	2.80	1.80	1.60	2.40	1.60	1.50	2.10	2.30	2.20
Sr ppm	1415.00	172.50	91.10	102.00	99.70	106.50	114.00	123.50	103.50	98.90	106.50	82.30	74.60	71.50
Ta ppm	0.43	0.60	3.25	0.96	0.92	1.05	0.80	0.79	0.93	0.68	0.79	0.78	0.80	0.86
Te ppm	0.09	0.06	0.07	0.06	0.17	<0.05	0.06	<0.05	<0.05	0.05	0.05	0.06	0.09	0.09
Th ppm	13.90	6.70	16.30	15.50	11.20	11.10	9.60	8.70	11.70	8.90	8.10	9.80	10.70	9.30
Ti %	0.23	0.43	1.07	0.43	0.50	0.58	0.54	0.56	0.58	0.48	0.65	0.59	0.71	0.67
Tl ppm	0.40	0.40	0.40	0.40	0.26	0.26	0.28	0.26	0.30	0.31	0.31	0.31	0.44	0.36
U ppm	6.50	2.90	4.50	5.10	3.20	3.90	3.00	2.60	3.40	3.80	2.80	3.10	4.30	3.10
V ppm	72.00	111.00	160.00	96.00	170.00	187.00	176.00	193.00	168.00	167.00	228.00	212.00	275.00	246.00
W ppm	1.50	1.60	2.10	2.10	2.00	2.00	2.20	2.20	1.90	1.70	3.90	4.40	5.50	4.30
Y ppm	55.90	21.10	28.20	27.20	21.50	25.00	17.10	17.30	19.50	16.00	23.10	21.60	30.60	21.60
Zn ppm	32.00	47.00	113.00	50.00	76.00	89.00	74.00	81.00	84.00	75.00	95.00	81.00	129.00	99.00
Zr ppm	82.70	92.70	165.50	104.00	81.00	86.60	66.70	71.30	79.70	65.70	60.10	50.70	58.60	55.90
Au ppm	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.05	0.01	0.01	0.02	0.02	0.03	0.01
Sample	2944	2945	2946	2947	2948	2949	2951	2952	2953	2954	2955	2956	2957	2958
Ag ppm	0.14	0.08	0.18	0.08	0.09	0.09	0.12	0.08	0.10	0.16	0.25	0.08	0.16	0.14
Al %	5.22	7.18	6.04	6.59	6.21	6.70	6.18	6.30	6.23	6.24	6.31	7.44	8.29	7.52
As ppm	6.90	4.90	4.50	4.60	10.70	10.70	13.80	11.60	12.50	20.80	16.70	20.80	14.70	14.70
Ba ppm	2210.00	600.00	1110.00	1340.00	490.00	480.00	490.00	530.00	450.00	470.00	410.00	350.00	420.00	340.00

Sample	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972
Ag ppm	0.20	0.04	0.03	0.03	0.02	0.06	0.02	0.03	0.05	0.02	0.04	0.03	0.02	0.01
Al %	7.01	7.53	5.91	7.48	7.31	5.11	6.88	6.63	6.36	6.61	4.03	6.41	6.66	6.20
As ppm	10.90	2.40	5.30	4.00	5.80	8.30	2.80	2.50	2.70	1.80	2.00	5.00	4.80	6.90
Ba ppm	700.0					1330.0			1280.0					
	0	720.00	580.00	910.00	740.00	0	580.00	570.00	0	730.00	450.00	1220.00	520.00	590.00
Be ppm	1.72	2.98	1.69	2.21	1.92	1.66	1.61	1.66	1.41	1.75	0.82	1.62	1.04	1.77
Bi ppm	0.44	0.18	0.14	0.24	0.09	0.30	0.15	0.18	0.36	0.30	0.16	0.19	0.19	0.20
Ca %	1.29	0.82	0.53	0.55	0.55	0.75	0.37	0.40	0.57	0.77	1.46	0.54	0.43	0.48
Cd ppm	0.18	0.11	0.14	0.13	0.12	0.33	0.09	0.10	0.09	0.09	0.17	0.25	0.17	0.12
Ce ppm	87.90	92.10	308.00	109.00	112.00	273.00	102.50	107.00	115.50	89.00	76.30	109.50	103.50	88.60
Co ppm	33.70	16.60	19.90	17.70	11.70	22.50	13.20	13.90	16.80	14.80	8.00	18.50	14.50	15.60
Cr ppm	74.00	57.00	37.00	56.00	65.00	42.00	47.00	48.00	40.00	43.00	30.00	48.00	47.00	52.00
Cs ppm	4.07	5.23	2.73	6.11	5.15	3.32	3.82	4.07	5.17	5.08	2.32	4.19	3.71	3.11
Cu ppm	362.0													
	0	7.70	13.20	5.00	6.80	11.50	29.90	42.10	556.00	71.00	17.40	26.00	9.80	77.20
Fe %	6.37	4.11	4.69	4.40	3.84	12.55	3.42	3.21	3.76	3.27	1.82	5.34	3.17	3.89
Ga ppm	18.65	20.80	13.75	19.65	19.30	15.95	15.15	15.85	15.70	15.60	9.77	16.45	13.75	15.45
Ge ppm	0.20	0.20	0.35	0.17	0.18	0.41	0.17	0.17	0.20	0.15	0.13	0.20	0.18	0.17
Hf ppm	2.40	2.50	2.30	2.90	2.70	2.10	2.20	2.30	2.70	2.10	1.30	2.50	2.50	2.40
In ppm	0.07	0.06	0.07	0.07	0.06	0.15	0.05	0.05	0.09	0.06	0.04	0.10	0.07	0.09
K %	1.29	2.75	1.37	2.74	2.10	1.24	1.35	1.34	1.70	1.80	1.01	1.52	1.10	1.26
La ppm	49.20	48.00	154.00	56.20	55.40	132.00	51.80	55.60	57.60	45.40	37.40	56.20	53.80	42.70
Li ppm	36.60	20.90	12.10	21.90	29.20	17.10	15.60	15.60	20.80	18.00	9.20	18.60	19.00	21.80
Mg %	2.08	1.26	1.20	1.45	1.19	1.20	1.02	0.98	1.60	1.25	0.53	1.00	0.95	1.11
Mn ppm	2000.	4710.0	18150.	6230.0	3730.0	24100.	4590.0	4380.0	7750.0					
	00	0	00	0	0	00	0	0	0	4820.00	3400.00	9730.00	5180.00	3730.00
Mo ppm	1.20	0.78	9.06	3.65	0.90	1.90	1.35	1.41	7.23	2.30	1.92	3.54	9.10	2.07
Na %	2.11	1.24	2.08	1.32	1.80	0.72	2.65	2.77	1.45	1.87	1.22	1.80	2.63	1.80
Nb ppm	10.70	6.40	3.60	6.70	9.00	5.00	5.10	6.20	5.50	3.90	4.30	5.20	5.60	7.30
Ni ppm	50.70	32.60	36.40	36.70	40.50	45.00	25.40	26.60	38.00	31.60	16.90	38.00	33.60	27.00
P ppm	1010.	1010.0	1360.0		1050.0	2600.0	1030.0	1100.0	1490.0					
	00	0	0	890.00	0	0	0	0	0	1030.00	1550.00	1100.00	970.00	860.00
Pb ppm	18.60	5.40	7.90	6.00	7.40	26.60	5.90	6.20	10.60	4.20	5.40	10.60	7.50	8.80
Rb ppm	75.60	167.00	49.30	158.50	128.50	79.80	73.50	75.70	99.10	113.00	59.60	92.00	67.50	73.10
Re ppm	<0.00													
	2	<0.002	0.00	0.00	<0.002	0.00	<0.002	<0.002	0.00	0.00	<0.002	0.00	<0.002	0.00
S %	0.01	0.06	0.06	0.05	0.05	0.12	0.05	0.05	0.08	0.07	0.16	0.05	0.03	0.04
Sb ppm	0.95	0.56	0.45	0.54	0.73	0.64	0.40	0.44	0.42	0.35	0.37	0.50	0.55	0.63
Sc ppm	16.90	14.20	11.30	15.20	14.70	21.00	10.90	11.20	13.40	11.40	7.90	15.90	11.70	9.50
Se ppm	2.00	2.00	4.00	3.00	3.00	5.00	2.00	2.00	3.00	2.00	2.00	3.00	3.00	2.00
Sn ppm	2.70	3.00	1.30	2.80	2.60	1.50	1.50	1.60	1.90	1.90	1.20	1.80	1.30	1.60
Sr ppm	127.0													
	0	59.10	58.60	72.60	94.40	60.40	119.50	119.00	89.60	97.30	68.20	89.80	120.00	110.50
Ta ppm	0.85	0.56	0.30	0.52	0.70	0.41	0.41	0.48	0.45	0.32	0.33	0.43	0.45	0.55
Te ppm	0.07	0.08	0.09	0.16	0.05	0.19	0.09	0.08	0.22	0.09	0.08	0.13	0.08	0.07
Th ppm	13.40	17.20	23.20	20.70	20.70	29.00	18.20	17.90	20.70	16.80	10.80	19.90	18.50	13.80
Ti %	0.45	0.28	0.18	0.30	0.36	0.19	0.25	0.27	0.23	0.22	0.16	0.22	0.26	0.29
Tl ppm	0.29	0.41	0.24	0.50	0.40	0.35	0.35	0.39	0.39	0.43	0.25	0.41	0.38	0.38
U ppm	4.20	4.60	4.40	5.40	3.70	7.20	4.70	5.10	6.40	4.80	3.20	5.30	5.50	3.80
V ppm	137.0													
	0	75.00	45.00	82.00	99.00	75.00	67.00	66.00	56.00	61.00	44.00	71.00	67.00	83.00
W ppm	2.40	2.50	1.30	2.20	2.30	1.50	1.30	1.60	1.50	1.30	1.40	1.70	1.40	1.30
Y ppm	28.20	28.50	85.70	47.10	30.70	122.00	32.20	34.00	56.20	33.10	20.90	60.90	39.30	16.00
Zn ppm	82.00	26.00	27.00	30.00	40.00	62.00	24.00	23.00	34.00	30.00	19.00	38.00	38.00	43.00
Zr ppm	76.10	78.90	80.30	103.00	96.80	72.30	75.60	79.00	93.40	75.20	47.40	88.40	84.80	84.40
Au ppm	0.01	0.00	0.00	0.00	0.00	0.00	<0.001	0.00	0.00	<0.001	0.02	0.00	<0.001	0.00
Sample	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972
Ag ppm	0.20	0.04	0.03	0.03	0.02	0.06	0.02	0.03	0.05	0.02	0.04	0.03	0.02	0.01
Al %	7.01	7.53	5.91	7.48	7.31	5.11	6.88	6.63	6.36	6.61	4.03	6.41	6.66	6.20
As ppm	10.90	2.40	5.30	4.00	5.80	8.30	2.80	2.50	2.70	1.80	2.00	5.00	4.80	6.90
Ba ppm	700.0					1330.0			1280.0					
	0	720.00	580.00	910.00	740.00	0	580.00	570.00	0	730.00	450.00	1220.00	520.00	590.00

Sample	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986
Ag ppm	0.02	0.01	0.02	0.04	0.04	0.03	0.05	0.03	0.06	0.04	0.03	0.03	0.05	0.03
Al %	6.64	6.31	5.48	6.75	5.16	6.26	6.23	4.61	6.33	5.70	6.37	7.13	7.02	6.52
As ppm	5.10	5.70	8.20	3.40	2.60	3.30	7.30	0.70	6.50	11.90	1.80	6.20	6.30	1.50
Ba ppm	780.0													
	0	460.00	600.00	770.00	560.00	760.00	840.00	330.00	660.00	570.00	120.00	620.00	620.00	560.00
Be ppm	2.17	1.42	1.29	1.52	1.80	1.89	1.47	1.15	1.81	1.96	0.82	2.12	2.17	1.54
Bi ppm	0.17	0.11	0.17	0.23	0.18	0.20	0.15	0.06	0.11	0.15	0.06	0.24	0.21	0.05
Ca %	0.42	0.54	0.65	0.82	1.41	0.96	0.75	7.21	0.77	0.76	0.35	0.44	0.49	0.73
Cd ppm	0.14	0.12	0.11	0.13	0.14	0.14	0.26	0.10	0.20	0.11	0.10	0.16	0.17	0.14
Ce ppm	108.0													
	0	93.90	87.40	88.70	89.50	91.10	108.50	77.50	104.00	87.50	96.00	100.50	104.50	94.10
Co ppm	16.10	8.70	10.60	14.50	12.50	14.40	15.10	10.70	13.20	30.30	4.90	31.30	32.50	13.00
Cr ppm	58.00	49.00	64.00	51.00	38.00	48.00	62.00	28.00	53.00	80.00	40.00	58.00	58.00	46.00
Cs ppm	5.30	2.58	2.24	5.05	3.48	4.38	3.77	1.44	3.33	4.30	1.36	5.49	5.57	4.34
Cu ppm	55.70	8.30	11.20	216.00	12.70	37.90	73.80	68.40	13.70	132.50	4.90	164.50	176.00	4.30
Fe %	3.91	2.67	3.63	3.47	2.84	3.36	3.67	1.88	3.26	5.51	2.26	6.62	6.67	2.95
Ga ppm	17.15	15.85	11.15	15.50	12.60	16.30	16.10	10.80	15.95	16.55	14.75	21.80	21.40	17.60
Ge ppm	0.18	0.16	0.14	0.15	0.17	0.17	0.19	0.15	0.18	0.18	0.15	0.22	0.21	0.15
Hf ppm	2.40	2.20	2.00	2.20	1.60	2.30	2.50	1.40	2.30	2.10	2.10	2.40	2.50	1.80
In ppm	0.07	0.13	0.06	0.07	0.08	0.07	0.09	0.07	0.07	0.11	0.03	0.09	0.08	0.04
K %	1.44	1.00	0.97	1.81	1.00	1.46	1.36	0.54	1.05	1.13	0.24	1.48	1.43	1.15
La ppm	53.40	41.00	40.30	46.00	45.80	46.80	56.10	40.00	53.70	43.10	50.00	60.10	58.80	47.80
Li ppm	23.10	20.40	20.80	19.90	16.50	19.60	20.80	7.50	20.60	31.60	6.80	44.90	44.70	18.70
Mg %	1.22	0.78	1.06	1.40	1.07	1.24	1.18	0.90	1.21	2.12	0.29	2.68	2.64	1.10
Mn ppm	4480.	4190.0	3070.0	4680.0	4740.0	4210.0	3810.0	4080.0	2480.0					
	00	0	0	0	0	0	0	0	0	858.00	2380.00	4970.00	5020.00	2890.00
Mo ppm	2.46	1.11	0.97	2.53	1.60	1.97	1.94	1.59	1.56	1.48	0.84	2.24	2.27	0.69
Na %	1.71	2.62	1.25	1.56	1.44	1.60	1.59	2.19	2.13	1.20	4.03	1.96	1.96	2.85
Nb ppm	7.00	8.70	8.30	5.20	4.80	5.70	7.60	4.30	7.60	11.00	3.20	5.40	5.80	2.70
Ni ppm	35.10	26.70	23.60	30.70	25.30	31.00	35.80	20.10	34.70	49.60	11.70	74.90	75.00	30.00
P ppm	1070.	1100.0		1320.0	1660.0	1350.0		1170.0						
	00	0	850.00	0	0	0	580.00	0	860.00	550.00	1400.00	640.00	640.00	990.00
Pb ppm	9.20	9.20	10.20	6.20	7.50	7.20	9.80	3.30	7.70	10.90	3.50	11.50	12.00	3.30
Rb ppm	91.80	58.00	40.30	99.00	64.00	90.20	78.90	31.60	63.00	57.30	17.40	78.90	76.60	64.90
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	0.00	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.05	0.06	0.04	0.08	0.14	0.09	0.03	0.10	0.02	0.03	0.06	0.03	0.03	0.07
Sb ppm	0.63	0.61	0.75	0.45	0.44	0.55	0.74	0.23	0.68	1.00	0.25	0.55	0.59	0.25
Sc ppm	12.70	13.30	9.10	12.80	12.20	14.60	16.00	10.00	14.20	20.00	13.10	28.30	27.70	11.30
Se ppm	3.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	3.00	3.00	2.00
Sn ppm	1.90	1.60	1.10	2.00	1.50	2.00	1.90	1.30	1.90	1.60	1.00	2.00	2.00	2.20
Sr ppm	120.5													
	0	92.50	106.50	98.40	133.00	131.00	145.00	254.00	167.50	119.50	99.20	104.00	107.00	213.00
Ta ppm	0.52	0.66	0.60	0.40	0.38	0.45	0.59	0.36	0.58	0.78	0.28	0.43	0.45	0.24
Te ppm	0.08	0.05	0.07	0.10	0.09	0.10	0.06	0.06	0.05	0.06	<0.05	0.11	0.07	<0.05
Th ppm	17.00	16.00	12.20	16.20	14.10	16.60	17.00	12.00	17.20	9.90	16.40	17.70	17.70	16.10
Ti %	0.31	0.28	0.37	0.25	0.20	0.23	0.31	0.16	0.31	0.51	0.14	0.34	0.35	0.20
Tl ppm	0.49	0.31	0.25	0.47	0.33	0.42	0.42	0.15	0.34	0.33	0.09	0.41	0.40	0.39
U ppm	4.50	3.70	2.70	5.90	4.90	5.10	4.80	2.90	4.50	2.70	3.70	6.20	6.00	3.90
V ppm	88.00	74.00	98.00	74.00	56.00	71.00	92.00	35.00	84.00	175.00	54.00	163.00	162.00	67.00
W ppm	1.30	1.80	1.10	1.50	1.20	1.50	1.40	0.90	1.10	1.40	0.90	1.20	1.30	1.00
Y ppm	28.50	27.60	16.80	37.40	37.90	39.80	44.80	33.20	35.10	19.10	24.60	57.30	51.70	20.70
Zn ppm	38.00	34.00	56.00	33.00	28.00	32.00	46.00	17.00	37.00	65.00	8.00	58.00	59.00	24.00
Zr ppm	83.50	77.60	70.40	77.70	54.00	77.10	85.50	48.20	78.90	71.60	73.30	83.60	85.20	63.00
Au ppm	0.01	0.01	0.00	0.00	<0.001	0.00	0.00	<0.001	0.00	0.00	<0.001	0.01	0.00	<0.001
Sample	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986
Ag ppm	0.02	0.01	0.02	0.04	0.04	0.03	0.05	0.03	0.06	0.04	0.03	0.03	0.05	0.03
Al %	6.64	6.31	5.48	6.75	5.16	6.26	6.23	4.61	6.33	5.70	6.37	7.13	7.02	6.52
As ppm	5.10	5.70	8.20	3.40	2.60	3.30	7.30	0.70	6.50	11.90	1.80	6.20	6.30	1.50
Ba ppm	780.0													
	0	460.00	600.00	770.00	560.00	760.00	840.00	330.00	660.00	570.00	120.00	620.00	620.00	560.00

Sample	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000
Ag ppm	0.04	0.37	0.26	0.26	0.27	0.30	0.34	0.31	0.23	0.22	0.10	0.09	0.08	0.23
Al %	6.14	6.91	4.82	5.53	5.99	6.11	6.80	5.31	6.61	6.41	7.34	7.22	7.47	7.25
As ppm	2.70	8.70	11.60	8.30	6.90	4.20	6.40	8.00	16.80	20.50	11.60	20.90	8.30	11.40
Ba ppm	530.0													
	0	810.00	550.00	590.00	660.00	630.00	870.00	750.00	350.00	280.00	390.00	280.00	300.00	330.00
Be ppm	1.46	2.14	1.19	1.73	1.77	1.70	2.08	1.60	1.52	1.99	2.01	1.42	2.16	1.80
Bi ppm	0.10	0.22	0.23	0.33	0.27	0.24	0.28	0.19	0.64	0.69	0.34	0.47	0.18	0.52
Ca %	1.23	0.90	0.54	0.65	0.47	0.74	0.86	0.96	0.97	1.17	1.11	1.00	0.80	1.50
Cd ppm	0.28	0.25	0.11	0.17	0.10	0.16	0.23	0.25	0.11	0.13	0.43	0.12	0.32	0.18
Ce ppm	87.00	118.00	61.90	82.90	93.90	107.00	112.00	85.90	64.90	78.30	65.10	61.30	89.80	64.20
Co ppm	13.00	22.90	14.60	25.50	11.90	16.00	19.70	11.40	83.80	137.50	42.60	212.00	31.20	68.60
Cr ppm	50.00	63.00	63.00	61.00	56.00	57.00	59.00	54.00	49.00	100.00	81.00	91.00	95.00	87.00
Cs ppm	4.56	6.22	3.35	3.42	4.09	3.52	4.31	3.08	8.90	6.70	3.48	4.97	3.17	6.39
Cu ppm	19.30	63.80	25.00	212.00	16.30	29.10	114.00	62.70	286.00	374.00	1110.00	31.90	91.00	2610.00
Fe %	3.17	4.61	4.00	4.16	3.62	3.65	3.96	2.97	9.15	9.57	7.28	11.80	9.34	9.48
Ga ppm	17.00	21.50	14.95	14.75	16.80	15.95	19.80	14.60	26.00	22.30	17.85	22.00	26.00	22.90
Ge ppm	0.17	0.20	0.13	0.14	0.14	0.16	0.18	0.15	0.19	0.21	0.18	0.23	0.24	0.20
Hf ppm	1.80	3.00	2.30	2.30	2.40	2.50	2.80	2.70	1.70	4.10	2.50	1.70	2.70	1.80
In ppm	0.05	0.10	0.06	0.08	0.08	0.08	0.09	0.06	0.09	0.10	0.09	0.07	0.08	0.16
K %	0.88	1.55	1.00	1.16	1.30	1.24	1.67	1.31	0.80	0.77	0.78	0.79	0.84	0.80
La ppm	45.30	61.20	31.30	40.80	43.00	51.20	57.50	44.80	29.40	43.30	34.00	31.40	38.80	31.10
Li ppm	20.20	36.50	37.80	27.10	29.20	21.40	26.40	23.40	55.10	64.50	26.80	59.90	37.20	51.20
Mg %	0.94	1.70	0.87	1.37	0.87	1.13	1.50	0.91	3.73	3.86	1.64	3.88	2.55	4.12
Mn ppm	4190.	4770.0		1375.0	1695.0	3710.0	3580.0	1280.0	3640.0					
	00	0	366.00	0	0	0	0	0	0	3440.00	3170.00	2140.00	2640.00	3240.00
Mo ppm	1.53	3.19	1.69	1.46	1.47	1.75	2.34	1.27	3.06	5.59	3.71	21.50	1.67	9.39
Na %	2.61	1.97	1.01	1.49	1.48	1.91	1.90	1.27	1.33	1.52	2.47	1.92	2.79	1.62
Nb ppm	4.10	7.30	10.60	9.10	8.40	7.40	8.40	10.60	9.00	8.70	10.70	9.00	18.80	8.10
Ni ppm	30.30	45.40	27.10	39.10	29.50	30.90	40.60	30.00	56.10	84.90	39.50	70.90	49.80	63.90
P ppm	1380.	1200.0				1040.0	1190.0		1230.0					
	00	0	310.00	830.00	800.00	0	0	910.00	0	920.00	1600.00	1310.00	1660.00	1420.00
Pb ppm	7.10	10.60	12.80	9.00	9.40	6.60	8.60	10.30	17.10	17.60	38.60	16.30	24.40	13.20
Rb ppm	57.90	98.60	54.50	62.10	80.40	68.90	104.00	72.80	43.40	38.60	33.90	49.20	32.50	43.30
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.00	<0.002	<0.002
S %	0.12	0.05	0.02	0.02	0.04	0.05	0.03	0.01	0.07	0.10	0.17	0.11	0.08	0.08
Sb ppm	0.42	0.80	1.11	0.84	0.71	0.52	0.71	1.01	1.05	1.05	0.76	0.66	0.67	1.09
Sc ppm	13.20	20.20	10.90	13.20	11.20	13.30	17.70	12.90	19.00	27.80	14.90	23.70	19.90	26.10
Se ppm	2.00	1.00	<1	1.00	1.00	1.00	1.00	1.00	2.00	3.00	4.00	5.00	2.00	2.00
Sn ppm	1.60	2.60	1.60	1.60	2.00	2.00	2.40	1.70	1.40	1.60	2.50	1.80	3.40	1.40
Sr ppm	208.0													
	0	146.50	120.50	129.50	112.00	115.50	145.00	168.50	82.40	67.90	86.80	65.80	57.60	85.00
Ta ppm	0.32	0.57	0.76	0.64	0.62	0.58	0.62	0.79	0.61	0.58	0.81	0.61	1.37	0.53
Te ppm	0.05	0.09	0.07	0.07	0.07	0.10	0.10	0.06	0.09	0.28	0.13	0.26	0.07	0.14
Th ppm	16.70	19.80	8.10	11.10	14.10	17.70	16.80	12.30	7.10	5.90	13.40	7.20	16.80	5.50
Ti %	0.21	0.32	0.38	0.33	0.32	0.30	0.34	0.38	0.50	0.60	0.43	0.72	0.51	0.69
Tl ppm	0.37	0.47	0.35	0.33	0.43	0.34	0.45	0.40	0.32	0.22	0.27	0.22	0.19	0.30
U ppm	4.00	5.50	2.30	2.80	3.30	4.10	4.40	2.70	2.70	4.40	8.90	4.90	4.90	3.60
V ppm	72.00	103.00	124.00	112.00	91.00	81.00	104.00	102.00	289.00	260.00	145.00	259.00	158.00	341.00
W ppm	1.00	2.30	1.80	1.70	1.80	1.90	2.90	1.90	2.70	2.50	1.60	1.50	1.80	2.50
Y ppm	31.30	45.60	11.60	15.30	20.70	28.20	41.20	28.70	34.60	27.60	40.50	22.90	34.00	29.10
Zn ppm	33.00	51.00	49.00	44.00	28.00	26.00	42.00	56.00	90.00	101.00	107.00	126.00	128.00	124.00
Zr ppm	61.10	101.00	76.90	76.60	80.20	82.10	92.90	87.50	61.50	57.80	75.00	53.00	80.30	53.40
Au ppm	0.00	0.01	0.01	0.01	<0.001	0.00	0.01	0.00	0.01	0.03	0.02	0.04	0.00	0.02
Sample	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000
Ag ppm	0.04	0.37	0.26	0.26	0.27	0.30	0.34	0.31	0.23	0.22	0.10	0.09	0.08	0.23
Al %	6.14	6.91	4.82	5.53	5.99	6.11	6.80	5.31	6.61	6.41	7.34	7.22	7.47	7.25
As ppm	2.70	8.70	11.60	8.30	6.90	4.20	6.40	8.00	16.80	20.50	11.60	20.90	8.30	11.40
Ba ppm	530.0													
	0	810.00	550.00	590.00	660.00	630.00	870.00	750.00	350.00	280.00	390.00	280.00	300.00	330.00

Sample	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3051	3052
Ag ppm	0.15	0.13	0.11	0.08	0.12	0.07	0.08	0.09	0.08	0.10	0.08	0.16	0.04	0.05
Al %	6.49	6.59	6.60	4.07	6.00	6.65	1.56	3.48	6.27	6.29	6.77	6.14	6.16	6.30
As ppm	12.70	11.40	7.50	2.60	7.90	9.10	1.80	6.40	9.70	9.80	11.30	12.40	19.10	7.90
Ba ppm	710.0													
	0	620.00	740.00	370.00	800.00	670.00	390.00	390.00	680.00	700.00	700.00	750.00	1300.00	1180.00
Be ppm	1.86	1.61	1.73	0.89	1.64	1.80	0.55	1.57	1.85	1.77	1.96	1.74	2.06	1.87
Bi ppm	0.44	0.35	0.43	0.14	0.41	0.38	0.11	0.37	0.50	0.50	0.51	0.54	0.06	0.10
Ca %	1.25	1.22	1.00	1.89	1.42	0.99	2.64	1.26	0.63	1.22	1.12	1.59	0.20	0.82
Cd ppm	0.18	0.16	0.14	0.25	0.17	0.19	0.23	0.17	0.34	0.21	0.18	0.23	0.05	0.10
Ce ppm	71.40	83.40	69.90	50.40	66.80	86.90	20.60	70.60	74.40	69.60	73.50	62.20	62.10	132.50
Co ppm	32.90	30.80	26.90	10.30	30.90	35.10	6.10	37.30	37.30	39.70	42.10	37.10	13.40	14.10
Cr ppm	77.00	78.00	76.00	48.00	67.00	95.00	28.00	97.00	111.00	90.00	101.00	90.00	40.00	54.00
Cs ppm	7.72	5.23	7.26	2.52	7.42	5.58	2.13	7.92	9.34	10.15	10.05	9.49	7.61	8.35
Cu ppm	141.5													
	0	171.00	175.00	29.10	232.00	114.50	28.20	105.50	97.20	200.00	226.00	361.00	1.50	6.10
Fe %	5.29	5.38	4.90	2.02	4.92	5.94	1.31	2.34	5.88	5.62	6.13	5.31	2.87	3.66
Ga ppm	20.60	18.55	17.35	13.85	17.05	18.65	4.36	16.60	20.10	20.00	21.50	20.20	17.00	16.85
Ge ppm	0.21	0.22	0.18	0.13	0.20	0.25	0.09	0.19	0.22	0.22	0.23	0.21	0.13	0.19
Hf ppm	2.30	2.40	2.10	1.30	1.90	2.30	0.70	1.80	2.50	2.40	2.50	2.30	1.90	2.40
In ppm	0.09	0.08	0.09	0.03	0.09	0.09	0.03	0.09	0.10	0.10	0.11	0.09	0.09	0.07
K %	1.32	1.30	1.55	1.07	1.51	1.49	0.42	0.98	1.37	1.28	1.34	1.33	2.89	2.52
La ppm	38.40	45.90	37.60	24.90	35.30	44.10	11.50	37.40	38.40	37.80	39.90	34.70	28.50	62.50
Li ppm	47.20	35.40	34.60	15.70	32.00	32.70	5.30	39.50	39.30	43.10	45.20	41.20	35.80	36.90
Mg %	2.24	2.20	2.27	1.00	2.40	2.40	0.40	2.02	2.83	3.30	3.41	2.79	1.12	1.01
Mn ppm	1650.	1425.0	1340.0	1325.0	3040.0	2610.0		1175.0	2260.0					
	00	0	0	0	0	0	967.00	0	0	2000.00	2040.00	1590.00	6160.00	4600.00
Mo ppm	3.05	1.98	1.77	2.04	3.30	1.95	1.50	2.01	3.16	2.49	2.51	2.42	1.03	0.94
Na %	1.18	1.79	1.08	1.23	0.95	1.78	0.29	0.41	1.02	0.91	1.04	0.94	0.99	1.41
Nb ppm	9.50	10.00	8.40	3.10	7.00	9.30	2.70	12.00	11.90	10.50	11.50	9.70	4.50	6.80
Ni ppm	51.10	50.90	54.80	33.40	55.20	60.20	13.70	88.60	79.40	82.40	83.50	72.70	22.20	34.70
P ppm	1200.		1020.0	1110.0	1150.0		1410.0		1070.0					
	00	820.00	0	0	0	810.00	0	630.00	0	1150.00	1120.00	1160.00	1040.00	1080.00
Pb ppm	17.30	17.20	13.80	5.00	11.70	11.60	4.60	10.90	16.80	21.60	26.20	25.30	5.60	7.60
Rb ppm	84.50	69.40	106.50	65.60	104.50	81.90	26.90	73.50	82.80	84.10	84.30	95.60	167.00	144.50
Re ppm	<						<	<						
	0.002	0.00	0.00	0.00	0.00	0.00	0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.10	0.03	0.08	0.19	0.09	0.03	0.26	0.06	0.06	0.08	0.07	0.09	0.04	0.06
Sb ppm	0.89	0.93	0.75	0.53	0.75	0.80	0.31	0.58	0.74	0.74	0.80	0.93	0.74	0.82
Sc ppm	18.90	17.70	20.60	20.40	19.60	19.60	4.80	20.80	19.40	22.00	22.80	20.60	10.10	12.20
Se ppm	2.00	3.00	2.00	3.00	3.00	3.00	3.00	2.00	3.00	3.00	3.00	3.00	2.00	2.00
Sn ppm	2.00	2.10	1.90	1.50	1.80	2.00	0.50	1.60	2.00	1.80	2.00	1.90	2.10	2.10
Sr ppm	109.5													
	0	121.00	101.50	65.90	96.80	99.80	81.30	85.00	75.80	92.70	100.00	108.00	48.60	75.60
Ta ppm	0.69	0.73	0.56	0.24	0.49	0.68	0.17	0.66	0.73	0.67	0.73	0.64	0.29	0.49
Te ppm	0.09	0.08	0.08	0.07	0.09	0.09	< 0.05	0.10	0.10	0.09	0.10	0.09	<0.05	<0.05
Th ppm	10.80	12.70	11.50	4.30	10.60	12.30	2.70	9.30	10.70	10.90	11.40	10.70	14.20	14.90
Ti %	0.40	0.43	0.36	0.19	0.32	0.45	0.12	0.34	0.44	0.40	0.45	0.39	0.23	0.28
Tl ppm	0.39	0.35	0.34	0.19	0.34	0.36	0.15	0.30	0.43	0.38	0.39	0.43	0.61	0.52
U ppm	5.10	5.10	6.00	2.00	9.90	4.10	1.10	4.80	3.80	6.10	6.10	5.70	2.90	3.30
V ppm	145.0													
	0	140.00	140.00	117.00	134.00	149.00	36.00	120.00	162.00	163.00	176.00	156.00	61.00	69.00
W ppm	1.70	1.80	1.70	3.40	1.60	2.90	0.40	1.50	1.70	1.50	1.70	1.60	1.40	1.30
Y ppm	21.30	25.50	27.60	9.90	27.80	25.30	7.40	22.70	19.10	26.60	28.60	25.70	19.50	33.60
Zn ppm	121.0													
	0	98.00	78.00	41.00	75.00	73.00	25.00	63.00	75.00	98.00	100.00	101.00	22.00	28.00
Zr ppm	71.60	75.90	69.90	43.00	65.60	75.70	22.40	63.10	81.80	75.70	81.50	76.10	61.40	73.90
Au ppm							<							
	0.00	0.00	0.00	NSS	0.00	0.00	0.001	0.00	0.00	0.01	0.00	0.01	<0.001	0.02
Sample	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3051	3052
Ag ppm	0.15	0.13	0.11	0.08	0.12	0.07	0.08	0.09	0.08	0.10	0.08	0.16	0.04	0.05
Al %	6.49	6.59	6.60	4.07	6.00	6.65	1.56	3.48	6.27	6.29	6.77	6.14	6.16	6.30
As ppm	12.70	11.40	7.50	2.60	7.90	9.10	1.80	6.40	9.70	9.80	11.30	12.40	19.10	7.90
Ba ppm	710.0													
	0	620.00	740.00	370.00	800.00	670.00	390.00	390.00	680.00	700.00	700.00	750.00	1300.00	1180.00

Sample	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066
Ag ppm	0.07	0.09	0.15	0.09	0.05	0.10	0.07	0.08	0.15	0.06	0.28	0.05	0.08	0.08
Al %	6.03	6.82	4.68	4.81	5.07	4.42	5.53	5.86	6.63	6.54	5.95	5.55	4.71	5.48
As ppm	7.90	9.30	33.10	4.60	4.10	6.90	10.50	14.40	51.10	5.40	34.90	15.10	10.40	5.80
Ba ppm	1160.00	260.00	730.00	320.00	390.00	1420.00	660.00	740.00	160.00	160.00	410.00	630.00	570.00	600.00
Be ppm	1.61	1.78	1.11	1.09	0.89	1.07	1.15	1.48	2.59	2.88	1.13	1.45	1.19	1.51
Bi ppm	0.11	0.19	0.68	0.14	0.12	0.33	0.30	0.37	1.37	0.23	4.58	0.26	0.35	0.35
Ca %	0.82	0.96	0.66	1.28	1.18	1.27	0.89	1.01	0.37	1.21	0.75	0.83	0.50	0.48
Cd ppm	0.17	0.03	0.28	0.24	0.12	0.26	0.30	0.29	0.16	0.07	0.07	0.13	0.17	0.09
Ce ppm	114.50	80.00	95.50	124.50	166.00	71.10	178.00	164.50	121.00	71.40	229.00	145.50	70.70	82.50
Co ppm	12.30	58.20	16.10	6.90	11.10	13.20	14.60	18.40	42.30	60.60	347.00	42.60	10.90	10.80
Cr ppm	56.00	70.00	61.00	30.00	42.00	48.00	49.00	56.00	49.00	67.00	77.00	67.00	69.00	79.00
Cs ppm	5.48	16.20	6.86	3.50	2.78	6.63	3.72	4.42	6.14	6.08	3.50	2.75	4.50	7.61
Cu ppm	8.80	17.90	60.90	12.90	9.00	17.00	45.40	66.70	356.00	16.00	68.00	18.30	29.10	25.90
Fe %	3.83	9.02	3.99	2.02	2.40	2.22	2.97	3.32	3.31	8.99	11.40	4.61	3.22	3.89
Ga ppm	17.00	22.10	12.95	9.74	10.05	12.15	11.10	12.25	17.00	21.90	19.35	14.40	14.25	15.35
Ge ppm	0.20	0.25	0.17	0.18	0.20	0.12	0.19	0.20	0.17	0.24	0.40	0.20	0.14	0.15
Hf ppm	2.70	1.70	2.70	2.00	1.50	2.10	2.40	2.50	2.60	1.50	2.70	2.50	2.40	2.70
In ppm	0.07	0.09	0.06	0.05	0.08	0.05	0.06	0.06	0.07	0.12	0.07	0.07	0.04	0.05
K %	2.20	0.62	1.43	0.45	0.55	0.91	0.66	0.88	0.39	0.28	1.42	0.91	1.21	1.51
La ppm	54.10	37.60	44.00	53.80	77.90	31.50	77.70	75.40	53.70	30.70	107.50	66.50	31.60	37.70
Li ppm	25.90	55.90	26.50	16.60	16.60	15.30	16.80	19.90	18.80	39.30	28.80	22.40	15.00	16.10
Mg %	0.70	3.93	0.88	1.02	1.12	0.81	0.71	0.85	1.16	4.76	2.61	1.13	0.56	0.66
Mn ppm	5110.00	1030.00	1405.00	2650.00	3410.00	2070.00	4390.00	3310.00	1660.00	0	1165.00	1875.00	1230.00	596.00
Mo ppm	0.97	2.46	4.51	1.33	0.55	1.38	1.17	1.31	4.89	1.14	29.40	3.16	1.48	1.07
Na %	1.53	2.41	0.78	2.06	2.22	1.12	2.14	1.81	3.97	2.35	1.31	1.29	0.79	0.60
Nb ppm	8.30	9.40	10.70	6.50	5.40	7.90	8.20	10.50	7.90	13.30	10.80	10.30	10.40	11.00
Ni ppm	27.70	65.50	26.60	12.20	20.90	14.80	23.90	32.20	68.50	56.90	97.30	34.30	19.20	17.70
P ppm	1140.00	750.00	1000.00	1320.00	940.00	1440.00	1200.00	1010.00	0	830.00	690.00	2110.00	530.00	1440.00
Pb ppm	12.20	16.10	55.20	10.50	7.60	22.90	22.70	23.50	27.20	7.30	29.60	12.60	13.90	11.50
Rb ppm	115.50	57.60	72.40	28.20	36.70	64.20	40.90	51.90	45.50	11.70	33.90	44.30	77.40	96.30
Re ppm	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.03	<0.002	<0.002	<0.002
S %	0.07	0.05	0.08	0.11	0.10	0.14	0.08	0.06	0.08	0.07	0.39	0.04	0.09	0.09
Sb ppm	1.01	0.67	1.89	0.45	0.31	0.94	0.72	0.91	0.52	0.61	0.69	1.01	1.05	0.84
Sc ppm	14.30	28.70	9.40	9.00	11.00	10.40	10.20	12.40	14.90	36.30	25.90	14.40	10.50	10.30
Se ppm	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	15.00	2.00	2.00	2.00
Sn ppm	2.10	1.80	1.30	0.70	0.70	1.30	0.90	1.20	0.90	1.60	3.00	1.60	1.40	1.50
Sr ppm	85.00	56.20	115.50	65.60	59.00	83.10	98.50	133.50	58.90	36.80	76.10	135.50	92.90	70.00
Ta ppm	0.61	0.61	0.69	0.40	0.35	0.50	0.52	0.67	0.53	0.72	0.72	0.65	0.68	0.73
Te ppm	0.05	0.13	0.09	<0.05	<0.05	0.06	0.06	0.07	0.13	0.05	5.61	0.10	0.08	0.11
Th ppm	15.70	6.20	10.70	9.20	10.50	10.30	10.90	12.60	12.80	3.90	15.30	10.30	8.40	11.00
Ti %	0.30	0.70	0.36	0.18	0.18	0.26	0.27	0.34	0.24	0.77	0.45	0.39	0.35	0.39
Tl ppm	0.43	0.30	0.46	0.23	0.21	0.38	0.30	0.35	0.25	0.19	0.26	0.36	0.45	0.54
U ppm	2.70	2.90	2.90	1.60	1.30	1.80	1.90	2.20	3.10	1.90	13.30	2.70	1.90	1.90
V ppm	79.00	292.00	96.00	39.00	40.00	71.00	64.00	83.00	63.00	288.00	236.00	135.00	102.00	100.00
W ppm	1.20	2.10	1.20	0.60	1.00	1.50	1.10	2.30	1.00	2.80	2.60	1.50	1.10	1.20
Y ppm	45.10	22.30	13.80	27.70	41.40	13.90	27.80	33.20	32.50	31.60	36.00	18.70	12.20	12.70
Zn ppm	37.00	83.00	166.00	54.00	31.00	66.00	53.00	58.00	32.00	61.00	38.00	72.00	53.00	59.00
Zr ppm	91.40	55.30	92.80	67.00	49.90	71.50	78.60	82.60	85.50	46.10	89.50	83.50	80.30	92.60
Au ppm	<0.001	0.00	0.01	<0.001	0.00	0.00	0.00	0.00	0.15	<0.001	0.18	0.01	0.01	0.00
Sample	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066
Ag ppm	0.07	0.09	0.15	0.09	0.05	0.10	0.07	0.08	0.15	0.06	0.28	0.05	0.08	0.08
Al %	6.03	6.82	4.68	4.81	5.07	4.42	5.53	5.86	6.63	6.54	5.95	5.55	4.71	5.48
As ppm	7.90	9.30	33.10	4.60	4.10	6.90	10.50	14.40	51.10	5.40	34.90	15.10	10.40	5.80
Ba ppm	1160.00	260.00	730.00	320.00	390.00	1420.00	660.00	740.00	160.00	160.00	410.00	630.00	570.00	600.00

Sample	3067	3068	4901	4902	4903	4904	4905	4906	4907	4908	4909	4910	4911	4912
Ag ppm	0.07	0.09	0.14	1.11	0.13	0.07	0.05	0.19	0.11	0.28	0.09	0.07	0.06	0.08
Al %	5.12	4.75	6.57	1.31	5.50	6.88	5.53	6.40	6.16	6.80	6.04	6.29	6.34	6.29
As ppm	12.90	9.80	10.20	7.00	8.40	12.10	15.40	11.50	8.50	61.80	9.20	7.00	9.10	10.40
Ba ppm	670.0		1040.0											
	0	610.00	0	220.00	900.00	830.00	760.00	930.00	650.00	620.00	800.00	900.00	760.00	760.00
Be ppm	1.52	1.43	1.92	0.46	1.48	1.77	1.18	1.75	1.49	2.87	1.60	1.63	1.79	1.72
Bi ppm	0.20	0.26	0.40	0.14	0.35	0.42	0.34	0.41	0.37	1.41	0.40	0.43	0.40	0.34
Ca %	0.80	0.55	1.29	6.35	1.45	0.77	1.00	1.37	1.35	0.33	1.02	1.11	0.93	0.89
Cd ppm	0.10	0.20	0.21	0.51	0.29	0.09	0.09	0.22	0.12	0.13	0.20	0.19	0.15	0.16
Ce ppm	99.80	98.00	78.90	48.20	83.80	89.60	63.80	77.20	77.70	106.50	86.50	76.80	95.00	88.50
Co ppm	10.60	13.40	22.70	7.60	17.80	24.00	13.60	24.20	22.40	43.70	21.90	18.10	28.50	23.50
Cr ppm	67.00	70.00	72.00	10.00	68.00	75.00	67.00	77.00	67.00	86.00	75.00	61.00	80.00	78.00
Cs ppm	5.31	7.94	6.52	1.32	5.30	5.68	4.08	6.30	4.04	11.45	4.52	5.68	4.56	4.99
Cu ppm				1530.0										
	42.60	32.70	121.50	0	101.00	70.10	25.90	151.50	70.80	87.20	85.10	55.80	109.00	124.50
Fe %	3.32	4.43	4.59	14.20	3.85	5.15	4.28	4.72	4.77	7.11	4.18	3.83	4.67	4.65
Ga ppm	13.15	13.80	17.10	2.82	14.30	16.75	14.60	16.55	15.25	17.55	15.20	16.15	15.70	16.25
Ge ppm	0.16	0.16	0.15	0.15	0.15	0.15	0.11	0.15	0.14	0.19	0.15	0.14	0.15	0.16
Hf ppm	2.60	2.20	2.20	0.50	1.90	2.40	2.00	2.10	1.90	3.00	2.10	2.30	2.20	2.30
In ppm	0.05	0.05	0.07	0.09	0.06	0.07	0.05	0.06	0.06	0.09	0.06	0.06	0.06	0.06
K %	1.11	0.97	1.56	0.59	1.41	1.64	1.10	1.49	1.29	1.57	1.30	1.52	1.37	1.33
La ppm	42.60	43.80	40.50	23.00	42.60	43.70	30.90	40.40	38.10	52.80	43.20	37.40	46.20	46.20
Li ppm	22.30	24.30	42.80	5.50	35.90	42.00	31.90	40.60	36.20	46.00	34.10	38.40	35.50	37.80
Mg %	0.70	0.64	1.59	2.88	1.13	1.37	0.98	1.51	1.81	1.33	1.41	1.25	1.58	1.47
Mn ppm	395.0	1105.0	3910.0	15700.	3560.0	3240.0		3650.0	1250.0					
	0	0	0	00	0	0	782.00	0	0	2900.00	3240.00	3460.00	2650.00	2880.00
Mo ppm	1.11	1.44	1.51	0.96	1.64	1.70	1.81	1.77	1.36	7.29	1.50	1.33	1.49	1.38
Na %	1.01	0.55	1.14	0.13	1.14	1.60	1.15	1.20	1.56	0.73	1.41	1.25	1.53	1.58
Nb ppm	12.10	10.50	8.30	1.30	8.70	10.10	10.60	9.10	9.30	10.60	8.20	8.20	10.20	9.30
Ni ppm	23.80	20.90	47.20	23.90	38.40	39.70	28.90	47.30	47.90	55.20	43.40	34.50	49.10	48.20
P ppm	740.0	2480.0	1060.0		1330.0			1150.0						
	0	0	0	950.00	0	830.00	550.00	0	740.00	1300.00	900.00	1020.00	720.00	740.00
Pb ppm	15.20	18.40	19.40	54.50	16.20	19.00	21.20	21.90	16.40	123.50	15.10	16.30	19.40	16.50
Rb ppm	60.90	59.50	124.00	15.70	91.20	101.50	59.90	112.50	78.00	104.50	86.90	110.00	89.70	87.70
Re ppm	<0.002													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.03	0.13	0.09	0.16	0.12	0.05	0.03	0.09	0.05	0.10	0.07	0.10	0.04	0.04
Sb ppm	1.15	1.05	0.90	0.74	0.85	0.93	1.10	0.98	0.99	2.98	0.76	0.71	0.89	0.95
Sc ppm	11.00	9.50	16.10	2.30	13.10	14.40	12.20	16.00	16.10	15.00	13.90	13.50	14.60	15.60
Se ppm	2.00	2.00	3.00	3.00	3.00	2.00	2.00	3.00	2.00	3.00	2.00	2.00	2.00	3.00
Sn ppm	1.40	1.30	2.10	0.30	1.70	2.00	1.50	1.90	1.70	1.80	1.80	2.00	1.90	3.50
Sr ppm	145.5													
	0	86.20	120.50	43.60	131.50	126.00	136.00	124.50	128.00	72.90	119.00	118.50	125.00	134.00
Ta ppm	0.79	0.68	0.60	0.09	0.63	0.73	0.73	0.64	0.65	0.70	0.60	0.62	0.74	0.69
Te ppm	0.06	0.10	0.08	0.05	0.05	0.07	0.05	0.06	0.06	0.20	0.05	0.05	0.06	0.05
Th ppm	10.50	9.40	14.40	2.80	12.50	13.90	8.00	14.20	11.20	16.60	12.90	13.60	12.50	13.40
Ti %	0.41	0.38	0.32	0.05	0.31	0.39	0.44	0.35	0.42	0.37	0.33	0.30	0.40	0.38
Tl ppm	0.39	0.41	0.54	0.21	0.47	0.50	0.43	0.54	0.37	1.10	0.45	0.54	0.46	0.46
U ppm	2.20	1.80	4.70	1.10	4.00	3.20	2.10	5.30	3.50	6.00	3.90	3.80	3.30	4.30
V ppm	103.0													
	0	103.00	99.00	19.00	88.00	113.00	125.00	105.00	127.00	104.00	98.00	84.00	113.00	110.00
W ppm	1.20	1.10	1.70	0.10	1.40	1.70	1.10	1.70	1.50	1.10	1.50	1.70	1.70	1.60
Y ppm	16.70	12.50	30.40	23.20	26.80	16.70	13.20	33.90	21.50	30.60	21.80	20.40	24.40	31.40
Zn ppm	64.00	95.00	92.00	195.00	84.00	77.00	68.00	101.00	91.00	186.00	94.00	92.00	96.00	85.00
Zr ppm	82.20	74.10	81.40	18.50	71.40	87.50	70.90	80.60	71.00	114.50	75.80	77.80	81.30	83.70
Au ppm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	<0.001	<0.001	0.00	0.00
Sample	3067	3068	4901	4902	4903	4904	4905	4906	4907	4908	4909	4910	4911	4912
Ag ppm	0.07	0.09	0.14	1.11	0.13	0.07	0.05	0.19	0.11	0.28	0.09	0.07	0.06	0.08
Al %	5.12	4.75	6.57	1.31	5.50	6.88	5.53	6.40	6.16	6.80	6.04	6.29	6.34	6.29
As ppm	12.90	9.80	10.20	7.00	8.40	12.10	15.40	11.50	8.50	61.80	9.20	7.00	9.10	10.40
Ba ppm	670.0		1040.0											
	0	610.00	0	220.00	900.00	830.00	760.00	930.00	650.00	620.00	800.00	900.00	760.00	760.00

Sample	4913	4914	4915	4916	4917	4918	4919	4920	4921	4922	4923	4924	4925	4926
Ag ppm	0.03	0.06	0.08	0.34	0.05	0.12	0.07	0.04	0.04	0.76	0.40	0.78	0.56	0.88
Al %	4.91	6.70	6.38	6.21	6.38	5.73	6.44	6.02	6.86	6.43	6.67	6.41	6.69	5.66
As ppm	4.20	5.80	8.00	55.40	6.00	7.90	8.30	7.20	10.40	104.50	38.60	47.40	59.50	57.40
Ba ppm	580.0													
	0	850.00	760.00	630.00	850.00	760.00	820.00	520.00	680.00	610.00	670.00	660.00	620.00	370.00
Be ppm	1.04	1.93	1.76	2.04	1.94	1.45	1.83	1.24	1.81	4.19	2.65	2.58	2.67	1.73
Bi ppm	0.29	0.44	0.43	1.13	0.35	0.46	0.42	0.47	0.90	1.72	0.76	0.91	1.16	1.31
Ca %	0.30	0.80	0.70	0.92	1.17	1.17	0.99	0.67	0.75	0.99	0.51	1.06	0.66	1.82
Cd ppm	0.07	0.12	0.06	0.28	0.12	0.08	0.22	0.06	0.11	3.14	0.84	0.53	0.64	0.36
Ce ppm	128.0													
	0	89.10	99.00	108.50	68.80	68.30	96.30	84.60	87.50	143.50	114.00	62.70	127.50	54.20
Co ppm	14.00	22.50	25.50	41.70	29.70	21.20	31.70	21.60	34.30	85.80	75.70	35.40	47.70	48.50
Cr ppm	37.00	69.00	77.00	86.00	332.00	60.00	71.00	76.00	74.00	70.00	74.00	70.00	91.00	62.00
Cs ppm	3.53	7.29	5.59	8.51	6.18	5.65	4.87	4.85	5.40	7.24	7.17	10.50	9.56	5.40
Cu ppm	17.30	45.80	68.50	99.80	38.80	94.50	184.00	32.80	93.30	245.00	98.70	93.30	129.50	198.50
Fe %	2.52	4.67	4.82	6.26	6.21	4.52	5.24	5.48	5.89	6.38	5.13	5.30	7.04	6.90
Ga ppm	11.65	18.70	16.75	15.80	18.15	15.45	16.65	17.45	17.40	14.60	17.20	17.15	19.10	18.95
Ge ppm	0.16	0.17	0.17	0.20	0.15	0.15	0.16	0.15	0.17	0.23	0.27	0.24	0.31	0.24
Hf ppm	1.90	2.30	2.30	2.80	1.80	1.80	2.00	1.90	2.20	2.50	3.40	2.90	3.30	2.00
In ppm	0.03	0.07	0.06	0.08	0.08	0.06	0.06	0.06	0.07	0.08	0.07	0.10	0.08	0.07
K %	1.28	1.58	1.41	1.72	1.25	1.46	1.38	1.45	1.90	1.37	2.01	1.81	2.07	0.96
La ppm	62.50	42.60	47.30	52.90	32.40	35.50	47.30	42.10	41.90	71.60	57.40	36.00	64.10	29.50
Li ppm	20.30	36.20	37.80	41.80	46.50	28.70	38.00	28.00	45.60	44.10	49.50	48.00	53.50	55.90
Mg %	0.71	1.30	1.50	1.56	2.92	1.13	1.95	1.15	1.75	1.37	1.06	1.03	1.53	2.35
Mn ppm	1510.	4640.0	3240.0	1600.0	3640.0	3270.0	4560.0	1420.0	3470.0					
	00	0	0	0	0	0	0	0	0	2690.00	3020.00	3610.00	2630.00	1900.00
Mo ppm	2.28	1.36	1.53	5.32	1.07	2.09	1.63	1.63	1.66	6.36	3.34	4.49	7.24	9.23
Na %	1.36	1.51	1.57	0.97	1.48	1.17	1.84	1.76	1.66	0.91	0.84	0.47	0.82	0.70
Nb ppm	5.20	8.20	9.70	11.20	8.00	8.30	9.80	9.90	9.70	10.00	13.40	7.80	12.50	6.90
Ni ppm	20.10	36.30	49.60	57.00	175.50	31.80	54.40	30.10	46.10	217.00	125.00	65.80	77.90	73.20
P ppm	740.0	1390.0		1090.0		1800.0	1050.0							
	0	0	690.00	0	780.00	0	0	600.00	780.00	1170.00	1260.00	2040.00	1560.00	2130.00
Pb ppm	9.60	14.60	16.30	94.10	14.00	17.70	18.50	14.60	18.00	118.50	79.10	152.00	102.50	40.10
Rb ppm	73.70	128.00	102.00	101.00	72.70	86.60	84.90	83.80	93.40	84.80	108.00	113.00	116.50	68.80
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.01
S %	0.04	0.08	0.04	0.11	0.04	0.15	0.03	0.04	0.04	0.20	0.07	0.18	0.13	0.24
Sb ppm	0.57	0.62	0.77	2.08	0.80	0.73	0.75	0.74	0.76	3.56	2.49	2.32	3.12	2.14
Sc ppm	6.80	15.20	14.90	14.90	18.50	13.60	15.90	12.80	14.70	13.40	14.50	16.10	17.30	20.60
Se ppm	2.00	3.00	2.00	3.00	2.00	3.00	2.00	2.00	2.00	4.00	5.00	5.00	5.00	6.00
Sn ppm	1.30	2.20	2.10	1.70	2.10	1.90	2.10	2.40	2.30	1.50	1.80	1.80	1.90	1.40
Sr ppm	112.0													
	0	107.00	105.00	79.60	90.10	99.50	101.50	89.20	95.70	107.50	107.50	80.00	80.30	63.40
Ta ppm	0.39	0.60	0.69	0.73	0.65	0.62	0.73	0.76	0.73	0.66	0.84	0.48	0.79	0.44
Te ppm	0.05	0.08	0.07	0.19	0.06	0.07	0.07	0.07	0.08	0.22	0.16	0.16	0.23	0.12
Th ppm	10.20	15.00	14.60	15.20	10.60	11.70	12.60	10.70	14.10	18.90	15.50	15.20	16.10	12.30
Ti %	0.23	0.33	0.34	0.42	0.43	0.31	0.38	0.39	0.37	0.36	0.34	0.21	0.42	0.32
Tl ppm	0.47	0.54	0.44	0.79	0.41	0.46	0.41	0.36	0.42	0.78	1.10	1.01	0.98	0.50
U ppm	3.10	3.50	3.60	6.40	2.80	4.60	4.70	3.00	3.60	15.70	5.10	5.80	7.40	4.80
V ppm	59.00	102.00	100.00	103.00	139.00	93.00	115.00	126.00	110.00	89.00	84.00	86.00	105.00	152.00
W ppm	0.90	1.80	1.80	1.10	1.70	1.80	2.00	2.10	1.90	1.10	1.30	1.10	1.30	1.10
Y ppm	10.20	16.20	19.00	25.20	17.00	22.30	25.30	12.70	17.20	44.90	39.80	36.70	29.00	25.90
Zn ppm	23.00	66.00	76.00	212.00	98.00	55.00	98.00	61.00	71.00	819.00	299.00	214.00	263.00	159.00
Zr ppm	71.80	82.70	82.50	104.50	67.60	66.80	74.50	72.10	78.40	93.80	111.50	99.10	113.00	67.40
Au ppm	0.00	<0.001	<0.001	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01
Sample	4913	4914	4915	4916	4917	4918	4919	4920	4921	4922	4923	4924	4925	4926
Ag ppm	0.03	0.06	0.08	0.34	0.05	0.12	0.07	0.04	0.04	0.76	0.40	0.78	0.56	0.88
Al %	4.91	6.70	6.38	6.21	6.38	5.73	6.44	6.02	6.86	6.43	6.67	6.41	6.69	5.66
As ppm	4.20	5.80	8.00	55.40	6.00	7.90	8.30	7.20	10.40	104.50	38.60	47.40	59.50	57.40
Ba ppm	580.0													
	0	850.00	760.00	630.00	850.00	760.00	820.00	520.00	680.00	610.00	670.00	660.00	620.00	370.00

Sample	4927	4928	4929	4930	4931	4932	4933	4934	4935	4936	4937	4938	4939	4940
Ag ppm	0.23	0.46	0.58	0.85	0.46	0.53	0.88	0.33	0.76	0.44	0.58	0.52	0.35	0.14
Al %	6.49	5.90	3.97	6.13	6.99	5.67	7.36	6.06	6.25	4.57	6.96	6.17	6.60	7.12
As ppm	50.60	67.40	67.90	26.40	32.40	30.40	39.00	22.50	33.40	20.30	69.20	48.40	65.50	18.10
Ba ppm	580.0													
	0	420.00	330.00	480.00	640.00	360.00	600.00	630.00	500.00	350.00	690.00	560.00	510.00	370.00
Be ppm	2.07	1.70	1.35	2.25	2.43	1.81	3.01	2.01	2.25	1.63	2.96	2.29	2.21	1.64
Bi ppm	1.02	1.31	1.06	0.62	0.61	0.41	0.79	0.60	1.08	0.51	1.06	1.20	1.51	0.53
Ca %	0.56	0.71	2.61	1.34	0.69	1.12	0.25	0.24	0.82	1.22	0.55	0.75	0.71	1.60
Cd ppm	0.28	0.31	0.47	0.36	0.31	0.54	0.35	0.14	0.21	0.22	1.01	1.06	0.30	0.21
Ce ppm	64.20	77.80	48.20	69.00	141.00	81.20	77.90	78.80	115.50	72.20	107.50	112.50	117.50	67.20
Co ppm	40.10	19.50	44.30	16.30	23.30	15.30	19.60	10.20	17.00	15.00	75.80	54.40	53.60	60.20
Cr ppm	67.00	59.00	44.00	66.00	104.00	52.00	87.00	58.00	72.00	38.00	76.00	90.00	84.00	81.00
Cs ppm	5.28	5.23	5.72	8.38	7.07	5.51	11.35	7.79	7.80	4.58	7.75	8.79	8.20	7.45
Cu ppm	182.5													
	0	133.50	355.00	74.20	61.70	44.10	67.20	31.70	41.10	36.00	260.00	145.50	234.00	536.00
Fe %	6.05	7.04	5.91	4.27	5.08	4.13	8.27	4.31	4.71	3.59	6.53	7.48	7.82	8.97
Ga ppm	16.20	14.35	13.10	16.15	18.30	13.80	19.70	19.30	16.70	12.10	15.20	15.35	16.80	21.60
Ge ppm	0.23	0.22	0.22	0.22	0.28	0.24	0.30	0.23	0.23	0.18	0.17	0.18	0.17	0.18
Hf ppm	2.30	2.50	1.30	2.80	3.70	2.80	3.20	3.40	3.50	2.50	3.10	2.60	2.60	2.00
In ppm	0.06	0.08	0.09	0.06	0.06	0.05	0.11	0.06	0.07	0.04	0.09	0.09	0.09	0.10
K %	1.24	1.36	0.54	1.91	2.03	1.27	2.11	2.22	1.71	1.18	1.96	1.87	1.59	0.92
La ppm	31.70	39.80	27.20	39.70	71.00	41.00	47.20	39.10	60.30	36.10	56.10	58.00	62.40	36.00
Li ppm	56.40	26.80	35.20	40.20	46.00	28.30	59.90	39.40	35.10	23.30	50.80	44.50	47.20	60.10
Mg %	1.20	1.19	2.11	1.12	1.25	0.78	0.98	0.50	0.98	0.62	1.06	1.76	2.09	4.27
Mn ppm	992.0		3330.0	1810.0	1790.0	2690.0	2850.0	1820.0	1460.0					
	0	757.00		0	0	0	0	0	0	2290.00	3010.00	2740.00	2370.00	2090.00
Mo ppm	5.37	8.07	7.16	2.68	2.71	3.42	3.58	3.76	3.68	2.86	4.52	7.90	8.46	3.82
Na %	0.79	0.95	0.58	0.59	0.94	1.52	0.51	0.62	1.18	1.15	0.83	1.05	1.30	1.60
Nb ppm	10.00	7.80	4.20	8.20	17.60	10.20	10.50	13.10	11.70	9.20	10.70	10.20	10.80	9.10
Ni ppm	76.80	35.30	51.40	33.50	55.40	29.50	39.60	20.60	34.30	21.50	195.50	83.40	72.30	73.10
P ppm	880.0	1900.0	1910.0	1540.0		1410.0	1560.0		1180.0					
	0	0	0	0	960.00	0	0	970.00	0	1590.00	1280.00	1360.00	1160.00	1210.00
Pb ppm	43.10	93.80	29.00	84.50	92.50	83.50	94.60	21.80	111.00	64.30	122.50	91.40	89.50	28.30
Rb ppm	80.70	71.70	40.80	116.50	113.00	79.20	128.50	125.50	115.00	71.90	97.60	96.40	79.00	58.10
Re ppm	<0.00													
	2	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
S %	0.06	0.19	0.27	0.21	0.09	0.21	0.08	0.05	0.16	0.22	0.10	0.19	0.13	0.07
Sb ppm	2.38	2.32	1.88	1.86	1.84	1.97	1.92	1.82	2.12	1.59	3.45	2.93	2.70	1.00
Sc ppm	13.00	13.70	19.30	15.20	15.40	16.30	16.80	12.50	14.00	10.40	14.40	14.70	16.50	23.00
Se ppm	4.00	4.00	7.00	4.00	4.00	4.00	5.00	4.00	3.00	3.00	3.00	3.00	3.00	2.00
Sn ppm	1.50	1.30	0.90	1.60	1.90	1.20	2.00	2.20	2.00	1.30	1.80	1.90	1.90	2.10
Sr ppm	99.80	85.60	55.40	57.80	105.00	47.50	67.20	63.70	60.90	47.40	117.50	72.10	73.70	79.80
Ta ppm	0.65	0.51	0.28	0.51	1.08	0.62	0.61	0.85	0.75	0.58	0.71	0.69	0.71	0.63
Te ppm	0.12	0.17	0.13	0.08	0.10	0.08	0.19	0.15	0.16	0.10	0.25	0.21	0.20	0.16
Th ppm	12.20	14.90	8.40	13.30	18.00	12.90	14.90	10.50	15.10	9.50	18.20	14.80	16.10	10.30
Ti %	0.35	0.33	0.19	0.22	0.42	0.21	0.28	0.38	0.30	0.24	0.32	0.40	0.42	0.53
Tl ppm	0.64	0.64	0.32	0.83	0.73	0.66	1.63	1.15	0.77	0.49	0.93	0.87	0.67	0.31
U ppm	4.10	4.30	16.80	3.70	4.10	3.60	4.10	2.90	4.00	2.90	7.50	9.50	6.90	5.30
V ppm	127.0													
	0	115.00	108.00	75.00	98.00	60.00	104.00	112.00	73.00	52.00	95.00	121.00	143.00	247.00
W ppm	1.20	1.20	0.90	1.00	1.40	1.00	1.50	1.50	1.50	1.10	1.20	1.50	1.50	1.90
Y ppm	13.90	15.70	26.90	25.40	24.20	25.30	30.70	13.60	23.00	17.60	49.00	29.30	28.60	28.00
Zn ppm	120.0													
	0	202.00	112.00	145.00	169.00	201.00	204.00	56.00	166.00	125.00	445.00	313.00	211.00	109.00
Zr ppm	76.80	86.60	44.00	94.50	124.50	96.10	105.50	112.50	116.50	81.90	102.50	86.40	88.70	64.20
Au ppm	0.00	0.01	<0.001	0.00	0.00	0.00	0.00	<0.001	0.00	0.00	0.01	0.00	0.01	0.01
Sample	4927	4928	4929	4930	4931	4932	4933	4934	4935	4936	4937	4938	4939	4940
Ag ppm	0.23	0.46	0.58	0.85	0.46	0.53	0.88	0.33	0.76	0.44	0.58	0.52	0.35	0.14
Al %	6.49	5.90	3.97	6.13	6.99	5.67	7.36	6.06	6.25	4.57	6.96	6.17	6.60	7.12
As ppm	50.60	67.40	67.90	26.40	32.40	30.40	39.00	22.50	33.40	20.30	69.20	48.40	65.50	18.10
Ba ppm	580.0													
	0	420.00	330.00	480.00	640.00	360.00	600.00	630.00	500.00	350.00	690.00	560.00	510.00	370.00

Sample	4941
Ag ppm	0.65
Al %	6.49
As ppm	63.00
Ba ppm	610.00
Be ppm	2.29
Bi ppm	1.21
Ca %	0.84
Cd ppm	0.80
Ce ppm	124.00
Co ppm	52.70
Cr ppm	105.00
Cs ppm	8.88
Cu ppm	159.50
Fe %	8.63
Ga ppm	15.15
Ge ppm	0.18
Hf ppm	2.80
In ppm	0.09
K %	1.93
La ppm	63.60
Li ppm	46.50
Mg %	1.89
Mn ppm	2510.00
Mo ppm	8.27
Na %	1.11
Nb ppm	11.20
Ni ppm	81.90
P ppm	1220.00
Pb ppm	93.10
Rb ppm	88.30
Re ppm	<0.002
S %	0.17
Sb ppm	3.20
Sc ppm	15.00
Se ppm	3.00
Sn ppm	1.90
Sr ppm	81.70
Ta ppm	0.73
Te ppm	0.24
Th ppm	15.40
Ti %	0.49
Tl ppm	0.83
U ppm	9.50
V ppm	145.00
W ppm	1.40
Y ppm	29.40
Zn ppm	297.00
Zr ppm	90.20
Au ppm	0.01
Sample	4941
Ag ppm	0.65
Al %	6.49
As ppm	63.00
Ba ppm	610.00