Assessment Report

For The

October Gold Property

Porcupine Mining Division

Ontario

NTS 41O/09 NE, SE, NW, and SW

for

Entourage Metals Ltd.

98 Peninsula Road

Marathon, Ontario. P0T 2E0

Katie Lucas, P.Geo
Entourage Metals Ltd.
December 2012

Maps and Figures by
Kyle Drake

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1.0 Introduction

The October Gold property consists of eighty six claims comprising 1302 contiguous claim units located within the Benton, Garnet, Mallard, Cunningham, Blamey, Fawn, Esther, Heenan and Marion townships, 170 kilometres northwest of Sudbury, Ontario. The property was optioned to Entourage Metals on September 9th, 2011. The area has a lengthy history of exploration for both base metals and gold. Current and past logging operations have increased accessibility significantly, helping the cost of exploration and increasing interest in the region. Several companies are currently active both east and west of the October Gold property, and have reported newly discovered occurrences of gold.

October Gold is located in the southern part of the Swayze greenstone belt. The property is underlain by mafic metavolcanic flows, transitional mafic to intermediate flows, tuffs, iron formations, argillite-graphite interflow horizons and clastic metasediments. All units trend northwest across the property. Quartz porphyry intrusive bodies trend parallel with stratigraphy through the property. Dikes, sills and small diorite stocks intrude all other rock types on the property. Regional scale northwest trending shear zones are characterized by chlorite, carbonate and pyrite alteration. A government airborne survey suggests large scale folding and deformation of local lithologies.

This report covers exploration work completed on the October Gold property by Entourage Metals during the fall and winter of 2012, including property wide prospecting and rock sampling, and ground truthing of anomalies delineated during the 2011 exploration program. All work outlined in this report was carried out by Entourage Metals geologists and field assistants.

2.0 Property Location and Access

The October Gold property covers over 200 square kilometers within the Swayze Greenstone Belt in the Benton, Garnet, Mallard, Cunningham, Blamey, Fawn, Esther, Heenan and Marion townships. The property is 170 kilometres northwest of Sudbury, Ontario and 120 kilometres southwest of Timmins, Ontario (Figure 1). The property is centered on 390950 mE and 5285490 mN, in NAD83 UTM Zone 17.

Access to the property is via the Dore road which runs north off the Sultan Industrial Road about 45 kilometres east of Sultan, Ontario. The property can be accessed year round along the Sultan and Dore roads. Several old logging roads exit the Dore road as it runs through the property, allowing access to a large portion via truck and ATV. The Wakami River runs east-west across the center of the property, creating access via canoe or small boat. Large sections of the property are covered by peat bog and swamp, creating walking access only in these areas.

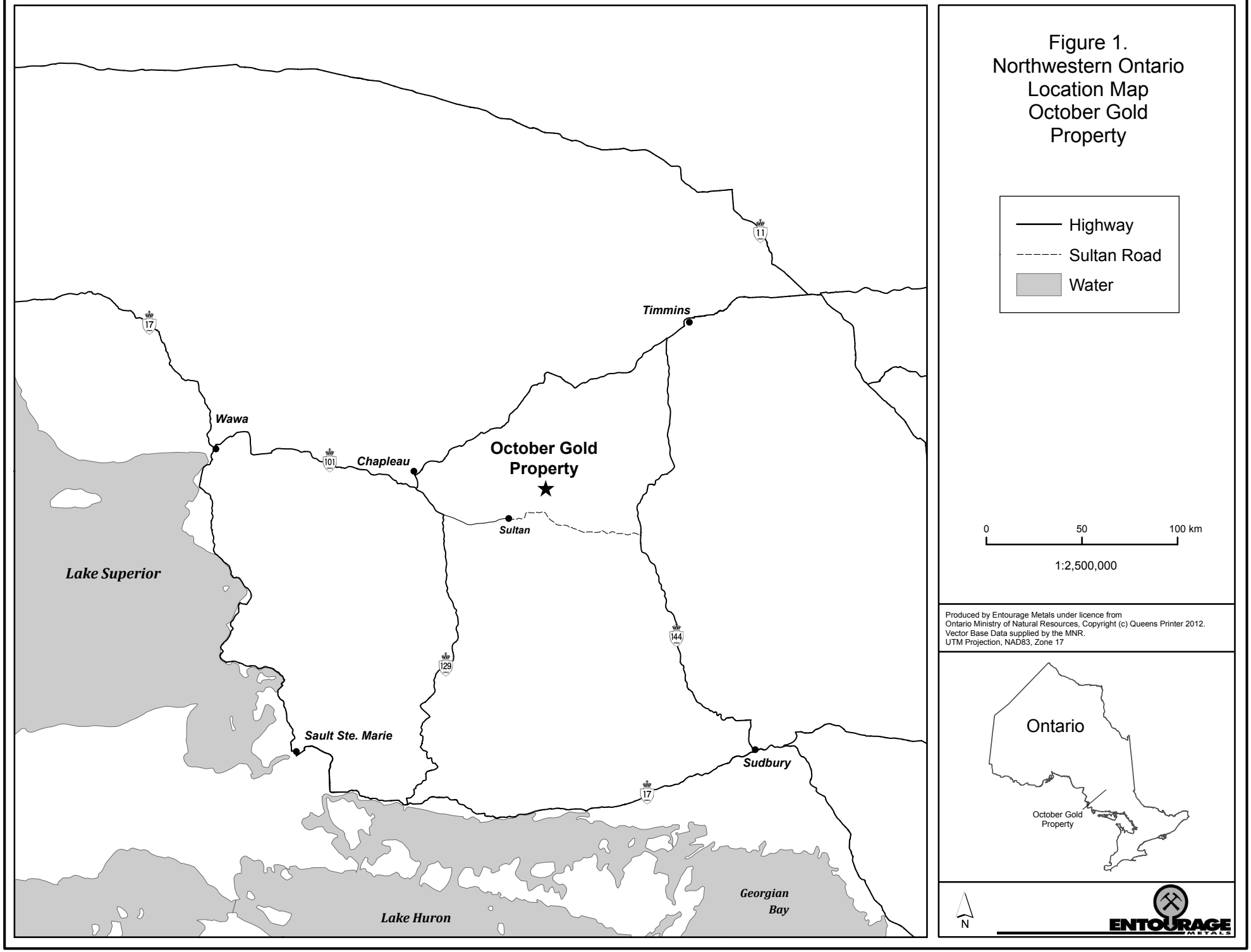
Figure 1.
Northwestern Ontario
Location Map
October Gold
Property
Highway
Sultan Road
Water
Timmins
Wawa
Chapleau
October Gold
Property
Sultan
Lake Superior
Sault Ste. Marie
Sudbury
Lake Huron
Georgian
Bay
0
50
100 km
1:2,500,000
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UTM Projection, NAD83, Zone 17
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3.0 Claim Information

The October Gold property consists of eighty six claims in the Benton, Garnet, Mallard, Cunningham, Blamey, Fawn, Esther, Heenan and Marion townships, all within the Porcupine Mining Division. All are ground-staked claims and all claims are contiguous.

Work detailed in this report was conducted on the entire contiguous claim group, and is being applied to 19 claims, 4255613, 4255761, 4255762, 4255614, 4255615, 4255616, 4255766, 4255767, 4255619, 4255620, 4255621, 4255772, 4255773, 4255624, 4255625, 4255626, 4255778, 4255779 and 4255629 in order to cover required expenditures as part of an extension granted on March 23, 2012, order number O1260.00102 (Appendix 1). Claim details are listed in Tables 1 and 2. The claim block is shown in Figure 2. All claims are owned by a partnership of prospectors and are subject to the option agreement with Entourage Metals, signed September 9th 2011 (Appendix 2 and 3).

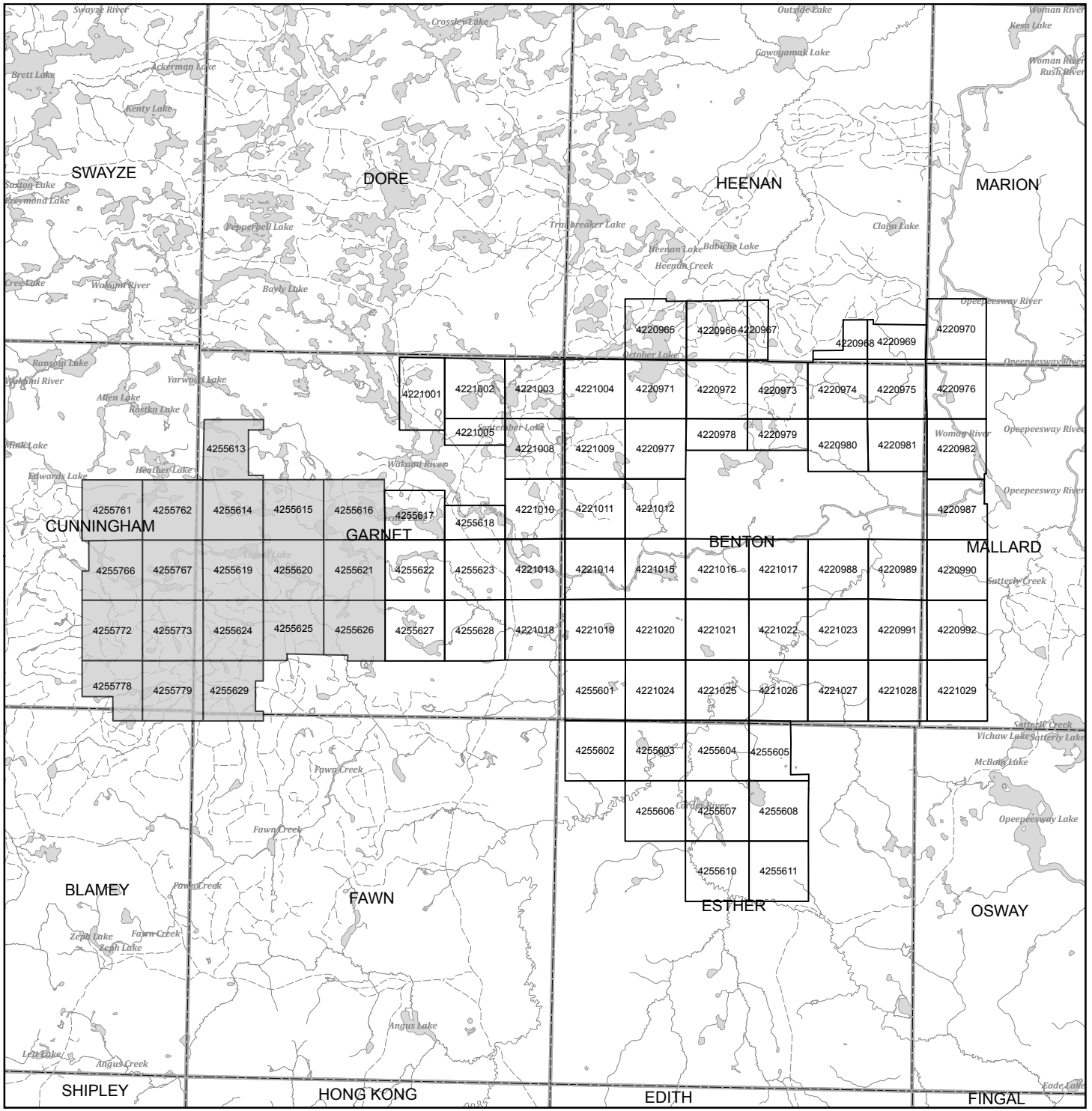
Table 1 – Claims within contiguous group on which work was completed and is being applied.

Township	Claim No.	Staked	Due	Status	Work Required	Work Applied	Reserve
GARNET	4255629	2010-Apr-12	2013-Jan-14	A	$6,000	$0	$0
GARNET	4255767	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
GARNET	4255773	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
GARNET	4255779	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
GARNET	4255624	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
GARNET	4255625	2010-Apr-12	2013-Jan-14	A	$6,000	$0	$0
GARNET	4255626	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
GARNET	4255619	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
GARNET	4255620	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
GARNET	4255621	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
GARNET	4255613	2010-Apr-12	2013-Jan-14	A	$5,200	$0	$0
GARNET	4255614	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
GARNET	4255615	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
GARNET	4255616	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
CUNNINGHAM	4255761	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
CUNNINGHAM	4255762	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
CUNNINGHAM	4255766	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
CUNNINGHAM	4255772	2010-Apr-12	2013-Jan-14	A	$6,400	$0	$0
CUNNINGHAM	4255778	2010-Apr-12	2013-Jan-14	A	$5,200	$0	$0

Table 2 – Claims within contiguous group on which work was completed but not applied.

Township	Claim No.	Staked	Due	Status	Work Required	Work Applied	Reserve
BENTON	4220971	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4220973	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4220977	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4220978	2010-Apr-12	2013-Apr-12	A	$3,200	$3,200	$0
BENTON	4220979	2010-Apr-12	2013-Apr-12	A	$3,200	$3,200	$0
BENTON	4220980	2010-Apr-12	2013-Apr-12	A	$5,600	$5,600	$0
BENTON	4220981	2010-Apr-12	2013-Apr-12	A	$5,600	$5,600	$0
BENTON	4220988	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221004	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221008	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221009	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221010	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$5,301
BENTON	4221011	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221012	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221013	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221014	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221015	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221016	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221017	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221018	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221019	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221020	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221021	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221022	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221023	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221024	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221025	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221026	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4221027	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4255601	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4255602	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4255603	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4255604	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
BENTON	4255605	2010-Apr-12	2013-Apr-12	A	$5,200	$5,200	$0
ESTHER	4255606	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
ESTHER	4255607	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
ESTHER	4255608	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
ESTHER	4255610	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0

ESTHER	4255611	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
GARNET	4221001	2010-Apr-12	2013-Apr-12	A	$6,000	$6,000	$0
GARNET	4221002	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
GARNET	4221003	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
GARNET	4221005	2010-Apr-12	2013-Apr-12	A	$2,800	$2,800	$0
GARNET	4255617	2010-Apr-12	2013-Apr-12	A	$5,600	$5,600	$0
GARNET	4255618	2010-Apr-12	2013-Apr-12	A	$4,000	$4,000	$0
GARNET	4255622	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
GARNET	4255623	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
GARNET	4255627	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
GARNET	4255628	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
HEENAN	4220965	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
HEENAN	4220966	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
HEENAN	4220967	2010-Apr-12	2013-Apr-12	A	$2,400	$2,400	$0
HEENAN	4220968	2010-Apr-12	2013-Apr-12	A	$2,400	$2,400	$0
HEENAN	4220969	2010-Apr-12	2013-Apr-12	A	$4,000	$4,000	$0
HEENAN	4220972	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
HEENAN	4220974	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
HEENAN	4220975	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
MALLARD	4220982	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
MALLARD	4220987	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
MALLARD	4220989	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
MALLARD	4220990	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
MALLARD	4220991	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
MALLARD	4220992	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
MALLARD	4221028	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
MALLARD	4221029	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
MARION	4220970	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0
MARION	4220976	2010-Apr-12	2013-Apr-12	A	$6,400	$6,400	$0


SWAYZE
DORE
HEENAN
MARION
CUNNINGHAM
GARNET
BENTON
MALLARD
BLAMEY
FAWN
ESTHER
OSWAY
SHIPLEY
HONG KONG
EDITH
FINGAL
4255761 4255762 4255614 4255615 4255616 4255617 4255618
4255766 4255767 4255619 4255620 4255621 4255622 4255623
4255772 4255773 4255624 4255625 4255626 4255627 4255628
4255778 4255779 4255629
4255613
4221001 4221002 4221003 4221004 4221005 4221008 4221009 4221010 4221011 4221012 4221013 4221014 4221015 4221016 4221017 4221018 4221019 4221020 4221021 4221022 4221023 4221024 4221025 4221026 4221027 4221028 4221029
4220965 4220966 4220967 4220968 4220969 4220970
4220971 4220972 4220973 4220974 4220975 4220976
4220977 4220978 4220979 4220980 4220981 4220982
4220987 4220988 4220989 4220990 4220991 4220992
4255601 4255602 4255603 4255604 4255605 4255606 4255607 4255608 4255610 4255611
Figure 2.
October Gold Property
Claim Map
October Gold Claims
Contiguous Work Applied
Township
Service Road
Drainage
Water
0 2.5 5 km
1:150,000
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Vector Base Data supplied by the MNR.
UTM Projection, NAD83, Zone 17
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4.0 Topography, Vegetation and Climate

The October Gold property lies within the Hudson Bay watershed and is dominated by relatively flat, low relief characterized by sandy plains and swamp. Bedrock exposures occur as islands and low crowns which stand above the overall topography. The area has been burned and extensively logged, and is now forested with second growth and replanted jack pine, spruce, poplar, birch and balsam. Winters are cold with an abundance of snow and summers are warm. Average temperatures annually range from -25 to 20 degrees Celsius.

5.0 Services

The closest source of supplies is the town of Sultan, located 45 km by road to the southwest of the October Gold Property. The fueling station and general store at the Watershed truck stop lies 55 km to the east of the property, at the junction of the Sultan Industrial Road and highway 144. The town of Gogama, located 35 km by road north of the junction of Highway 144 and the Sultan road, is the next closest source of supplies.

6.0 Regional Geology

Regional Geology (After Ireland 1988 and Siragusa 1987)

The October Gold property is located in the south-central region of the Swayze Greenstone Belt (Figure 3). This belt extends for over 100km from Chester Township, running northwest to Halcrow Township, abutting the Ivanhoe Front of the Kapuskasing Structural Zone. Through Esther, Mallard, Benton, Garnet and Cunningham Townships, metamorphosed flows of magnesium-rich and iron-rich tholeiitic basalt are the dominant rock types (Ireland, 1988). The central portion of the belt contains tholeiitic and calc-alkaline flows, intermediate pyroclastic metavolcanics, interflow sediments, clastic sedimentary sequences, transitional mafic to felsic tuffs, graphitic horizons and banded iron formations. Peridotitic, gabbroic and dioritic intrusive sills and stocks are common. Numerous small rhyolite and porphyry intrusives are found in or near carbonate-altered shear zones. North to northwest trending diabase dikes and lamprophyre dikes intrude all other rock types in the area. Rocks peripheral to the greenstone belt include migmatic granite gneiss, Algoman-aged porphyritic granite plutons and older basement granites (Ireland, 1988). Metamorphism rarely surpasses greenschist facies, but higher grade metamorphic aureoles have been observed adjacent to granitoid plutons.

Recent township scale mapping indicates the presence of at least two northwest trending synformal axes within the sequence. This is believed to represent a major synclinorium, the axis of which is defined by the distinct band of iron formations and clastic metasediments which extend through central Benton Township into northeast Garnet Township (Ireland, 1988, Siragusa, 1987). Regional foliation trends west-northwest and dips vertically to sub-vertically. Locally, secondary foliations develop in fold noses and low-angle shears, which are abundant in Garnet, Benton and Esther Townships. Low-angle faults and shear zones tend to parallel stratigraphy and cut the regional foliation at a low angle. Some minor east-northeast ductile shear zones have been noted, but documentation is poor. High angle cross faults are the most obvious structural feature in the area. Dominant trends are 150-170 and 210-230 as indicated in observed offsets and air photo lineaments.

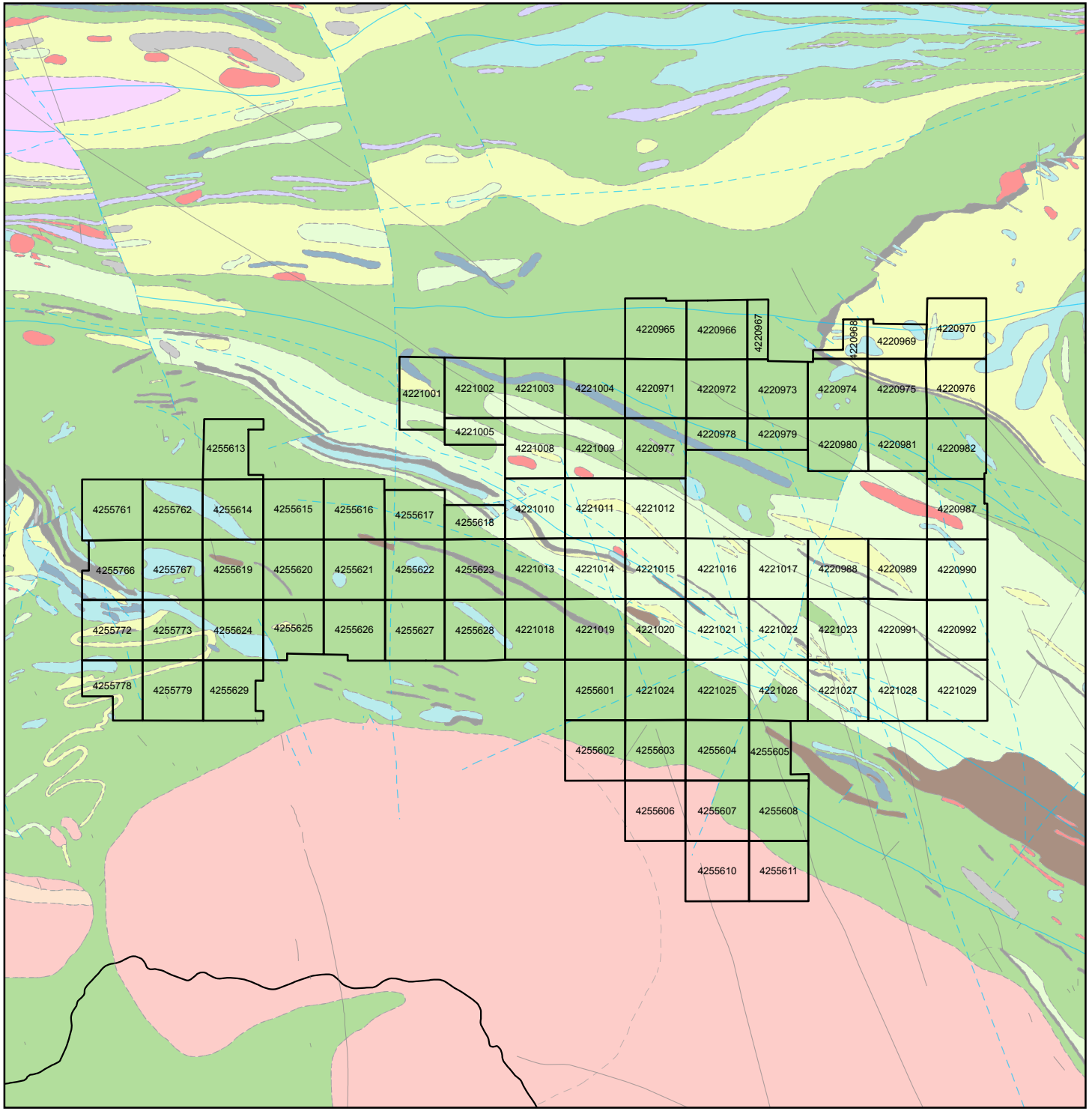

Figure 3.
October Gold Property
Regional Geology

- Sultan Road
- October Gold Claims
- Contacts
- Dikes
- Faults
- Folds
- Thornloe Formation: dolostone, limestone, minor sandstone
- Liskeard Group unsubdivided: liimestone, shale
- Mafic Intrusive rocks: diabase, granophyre
- Lorrain
- Diabase Dikes
- Alkalic Intrusive Suite
- Felsic to Intermediate Intrusive Suite
- Porphyry Suite
- Mafic Intrusive Rocks
- Ultramafic Intrusive Rocks
- Timiskaming-type Clastic Metasedimentary Rocks
- Chemical Metasedimentary Rocks
- Clastic Metasedimentary Rocks
- Alkalic Metavolcanic Rocks/Intrusions (unconformable Timiskaming-type)
- Felsic (Intermediate) Metavolcanic Rocks/Intrusions
- Intermediate (Felsic) Metavolcanic Rocks/Intrusions
- Mafic (Intermediate) Metavolcanic Rocks/Intrusions
- Ultarmafic (Mafic) Metavolcanic Rocks/Intrusions

0 2.5 5 km

1:150,000

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Vector Base Data supplied by the MNR.
UTM Projection, NAD83, Zone 17

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7.0 Exploration History

The following exploration history was summarized by Ireland, 1988, Siragusa, 1987 and amended by Labrecque 2011. Past exploration events in the immediate area of the Benton Property were attained from available assessment files.

Benton Township

Kirkland/Hudson Bay Option (1939) -a gold bearing quartz-carbonate-pyrite vein was trenched and sampled just east of the Benton Township line in Osway Township, 300m south of the Wakami River. Only a few anomalous values were obtained. The vein is up to 2ft. wide and occurs in a carbonated shear zone containing altered porphyry.

Blackstein/Kanovsky (1949)-nine packsack diamond drill holes totalling 1109 feet were drilled on claim S.40249. Drill hole summaries indicate andesites and interflow sediments were encountered. No assays or detailed drill logs available. -nine packsack diamond drill holes totalling 1119 feet were drilled on claim S.40250. Andesites cut by quartz stringers were reported. No assays or detailed drill logs available.

Noranda Exploration Company Ltd. (1974,-75,-76,-77) -ground magnetometer and electromagnetic surveys carried out on 4 properties. A total of 3 holes were drilled on 3 properties.
Granges Exploration Aktiebolag (1976,-77,-78) -ground magnetometer and electromagnetic surveys on 4 properties followed by 5 diamond drill holes.

Canadian Gold and Metals Ltd. (1981) -INPUT airborne magnetometer and electromagnetic survey for Benton Resources, Osway Resources, Mallard Resources and 4x4 Syndicate.
Blue Falcon Mines (1985) -a regional airborne geophysical survey was flown in 1985. Magnetometer and V.L.F. results were filed.

Weaco Resources Ltd. (1985,-86) -In 1985, Weaco flew an airborne magnetometer and V.L.F.-E.M. survey over the eastern one-third of Benton Township, where two claim blocks were located. In 1986, ground geological mapping was carried out on the two claim groups. Approximately 400 rock samples were collected and over 300 analysed. Geo-chemically anomalous gold vlaues up to 650 p.p.b. Au were obtained from several zones scattered across the two claim groups. Late in 1986, three diamond drill holes were completed on the north group. One hole, drilled near the north boundary of Benton Township returned 5.5ft. averaging 0.09 O.P.T. gold from a rhyolite-breccia zone mineralized with fine disseminated magnetite and l percent pyrite.

Grandad Resources Ltd. (1987-present) Canadian Nickel Company Ltd. (1983,-84,-85) Burton Option (see Esther Twp.)(1928)

Garnet Township

Canadian Nickel Co. Ltd. (1965,-66,-68) During the period 1965-68, Canico reported 11 diamond drill holes completed on five claim groups in Garnet Township. Four holes were drilled in southwest

Garnet Township and do not concern this report. Only brief, non-descriptive drill log summaries are available for compilation. Holes pertinent to this report are summarized below.

Dome Exploration (Canada) Limited (1970-1971) In 1971, Dome completed one diamond drill hole on their 12 claim property in southeast Garnet Township. Hole 27-6-1 was collared south of a ground electromagnetic and magnetic anomaly and drilled N14 E at -55 for 353 feet. The hole collared in siliceous pyrite-pyrrhotite iron formation. Specks of chalcopyrite were reported within 5-10 % iron sulphides. Intermediate volcanics and graphitic sediments were encountered down hole. A 21 ft wide zone of graphitic argillites explained the conductor (Ref.: Resident Geologist Assessment File T-2081, Timmins).

Lacana Mining Corporation (1982-present) The property was staked in 1982 to cover a number of airborne electromagnetic INPUT anomalies indicated on map 80-547 of the Ontario Geological Survey's Swayze area Airborne Survey, performed by Questor Surveys Limited and released in 1982. The property was mapped in 1982 and a major east-west trending zone of sheared and carbonated mafic metavolcanics, variably mineralized with pyrite, was outlined south of Fawn Creek. Dominant rock types observed were pillowed flow rocks and mafic tuffs with minor felsic crystal tuff and gabbroic intrusives.
In 1983, Lacana put two diamond drill holes down to test an E.M. anomaly adjacent to a 250ft. wide 0.2 mgal, gravity anomaly. Hole SW-83-1 was collared in mafic metavolcanics and drilled N20 E at -55 to a depth of 650ft. Hole SW-83-2 was collared approximately 550ft. north of the first hole and drilled S20 W at -55O for 395ft. Both holes were drilled north of the major carbonated pyritic shear zone mapped by Lacana in 1982. No work has been recorded on the property since 1983 and the six claims covering the main shear zone are in good standing. (Ref.: Resident Geologist Assessment Files T-2561, T-2564, Timmins)

Western Pacific Energy Corp. (1984-) A preliminary examination of the Western Pacific Biergy property by L.D.S. Winter in 1984, outlined seven areas of potential economic interest for gold mineralization. Based upon Winter's recommendations, an airborne geophysical survey (V.L.F.-E.M. and Magnetometer) was flown by Terraquest Ltd. on behalf of Western Pacific Energy Corp. In 1985, grids were cut on the west and east portions of the property and ground magnetometer, V.L.F.-E.M. and Self Potential surveys were carried out over portions of the two grids.

During the winter of 1985-86, a 13 hole, 5,630 ft diamond drill program was completed by Western Pacific Energy Corp. Assayed drill core indicated no economic grades of gold mineralization were intersected. One hole, G-85-7, drilled to test a V.L.F.-E.M. conductor, cut 8ft. of carbonatized, silicified and fractured felsic tuffs mineralized with pyrite and arsenopyrite. A one foot section returned 930 ppb of gold.

A discovery of gold in iron formation was made on the west side of the newly re-constructed Dore Forest access road, approximately 1500ft. north of the Wakami River bridge. Gold values up to 0.14 oz/ton were obtained from a narrow, 1 inch pyritic quartz vein trending N10OE across magnetite banded iron formation trending approximately 290 . A cross-fault structure is thought to cut the iron formation close to the area sampled. Recommendations made at the conclusion of the geological survey included additional stripping on the gold showing located north of the Wakami River bridge and establishment of a grid to cover the extensions of the iron formation hosting the gold showing. Future exploration should focus on areas where cross structures intersect with favourable stratigraphy such as iron formation or graphitic horizons, especially where structure trends sub-parallel or parallel to

stratigraphy. Limbs of folds and fold noses are areas where large areas of mineralization could be expected.

More recently, the Côté Lake Gold Deposit, which is located along trend to the South East of the Benton property, has a deposit which is a large tonnage low to medium grade gold deposit hosted in a granodioritic-dioritic intrusive complex in the southeastern portion of the Swayze Greenstone Belt. The deposit currently hosts an NI 43-101 resource of 35 million tonnes averaging 0.82 g/t for contained gold of 0.93 million ounces and inferred resource of 204 million tonnes averaging 0.91 g/t for 5.94 million ounces of contained gold.

8.0 Economic Potential

Exploration to date in the Canadian Shield has shown that gold can occur in a wide range of geological settings. Research on many deposits and occurrences of gold over the past century has established a wide set of conditions that are useful in defining exploration target areas for gold. These criteria were summarized by A.C. Colvine et.al (1984), and include:

1. Common occurrence of quartz-carbonate (ankerite) vein systems and an almost ubiquitous association with pyrite;

2. Occurrence with mafic volcanic rocks, usually of greenschist or lower amphibolite grade;

3. Common spatial association with alteration zones (predominately carbonatization and silicification), chemical sedimentary rocks-felsic intrusions-regional transitions between volcanic and clastic sedimentary sequences (major lithofacies changes), komatiites

4. Common association with tellurides, arsenopyrite, tourmaline, scheelite and molybdenite;

5. Local structural control on the final siting of gold concentrations and apparent concentration of deposits along major deformation zones.

The data available on the October Gold property fits the criteria above, and combined with the recent gold discoveries along trend in the Swayze Greenstone Belt, make the property a favorable area for evaluation of the gold potential.

9.0 2012 Exploration Program

The 2012 exploration program consisted of prospecting and reconnaissance sampling of the entire contiguous claim block and the collection of XRF geochemical data from the 2011 soil sampling program. The work was conducted from September 2012 through to December 2012 and all geological work was carried out by Entourage Metals geologists and field assistants. A bush camp was set up on the property to accommodate all staff while working in the field. The camp has been winterized to allow for a longer field season and a potential diamond drilling program.

9.1 Camp Construction

Camp construction began in early September 2012 and continued until September 24th 2012. The initial camp was rented from Total Exploration out of Timmins, Ontario and could house five workers at a time. As the field program expanded, Entourage Metals purchased additional camp accommodations increasing the camp size to seven people. As work continued into the fall and winter of 2012, the camp was winterized with a larger propane supply and a buried water storage unit.

9.2 Prospecting and Rock Sampling

Prospecting and rock sampling on the October Gold property was conducted between September 24th and November 4th 2012. During this time, the entire property was traversed and samples were collected from all outcrops encountered. More time was spent in the areas of the SGH (Soil Gas Hydrocarbon) anomalies that were defined during the 2011 exploration program on the property (then called the Benton property). Work was completed by truck, ATV, canoe and on foot. All prospecting was conducted by Entourage Metals geologists and field assistants. Access was excellent with the exception of large swamps and peat bogs in the eastern portion of the property.

A total of 251 rock samples were collected during prospecting (Figure 4). All samples were bagged, numbered and described in the field by Entourage geologists. Samples were shipped to AGAT Laboratories in Mississauga, Ontario for Au Fire Assay (ICP-OES finish) and 51 element ICP by aqua-regia digestion. Of the 251 samples, 19 samples returned Au values above detection limits, no significant base metal values were returned (Table 3). The highest returned value was 9.23 g/t Au. This sample was collected from the eastern limit of the property in the area of the historic Woman River showing. Two low grade samples with returned values of 0.19 g/t Au and 0.22 g/t Au were collected from the center of the western 2011 SGH anomaly. Location information and full assay results are detailed in Appendix 4.

Table 3 – Rock Sample values above detection for Au.

Sample	UTM_E	UTM_N	Au g/t
S00255	389169	5286154	0.07
S00259	389272	5286134	0.15
S00261	389148	5285822	0.03
S00266	389854	5285009	0.06
S00281	389321	5286761	0.19
S00283	389502	5287060	0.02
S00300	389733	5284978	0.02
S00313	395034	5284685	0.02
S00324	400835	5286908	0.83
S00327	400834	5286907	9.23
S00328	400571	5287026	0.09

S00329	400539	5287073	0.04
S00332	400365	5286610	0.02
S00402	387982	5285231	0.03
S00409	386024	5288750	0.03
S00444	392530	5285309	0.16
S00610	390177	5280877	0.02
S00624	388426	5283220	0.04
S00708	395586	5279923	0.03

9.3 XRF Data Collection

Pulps from 2325 soil samples collected in 2011 were analyzed for geochemical data with the use of a Innovex Delta XRF (X-Ray Flouresence) hand held unit (Premium Model – instrument details outlined in Appendix 5). These soils were originally collected for analysis for soil gas hydrocarbons (SGH) and full geochemical data was not assayed for. The XRF analysis was conducted from November 12th through to December 12th 2012. All analysis was performed by Entourage Metals geologists. Full results from the XRF program are detailed in Appendix 6. Soil sample locations are shown in Figure 5, 5a and 5b.

Figure 4.
October Gold Property
Rock Sample Collection
Location Map

- Sample Locations
- Service Road
- Drainage
- Contiguous Work Applied
- October Gold Claims
- Water

0 1 2 km

1:70,500

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Vector Base Data supplied by the MNR.
UTM Projection, NAD83, Zone 17

N

ENTOURAGE METALS

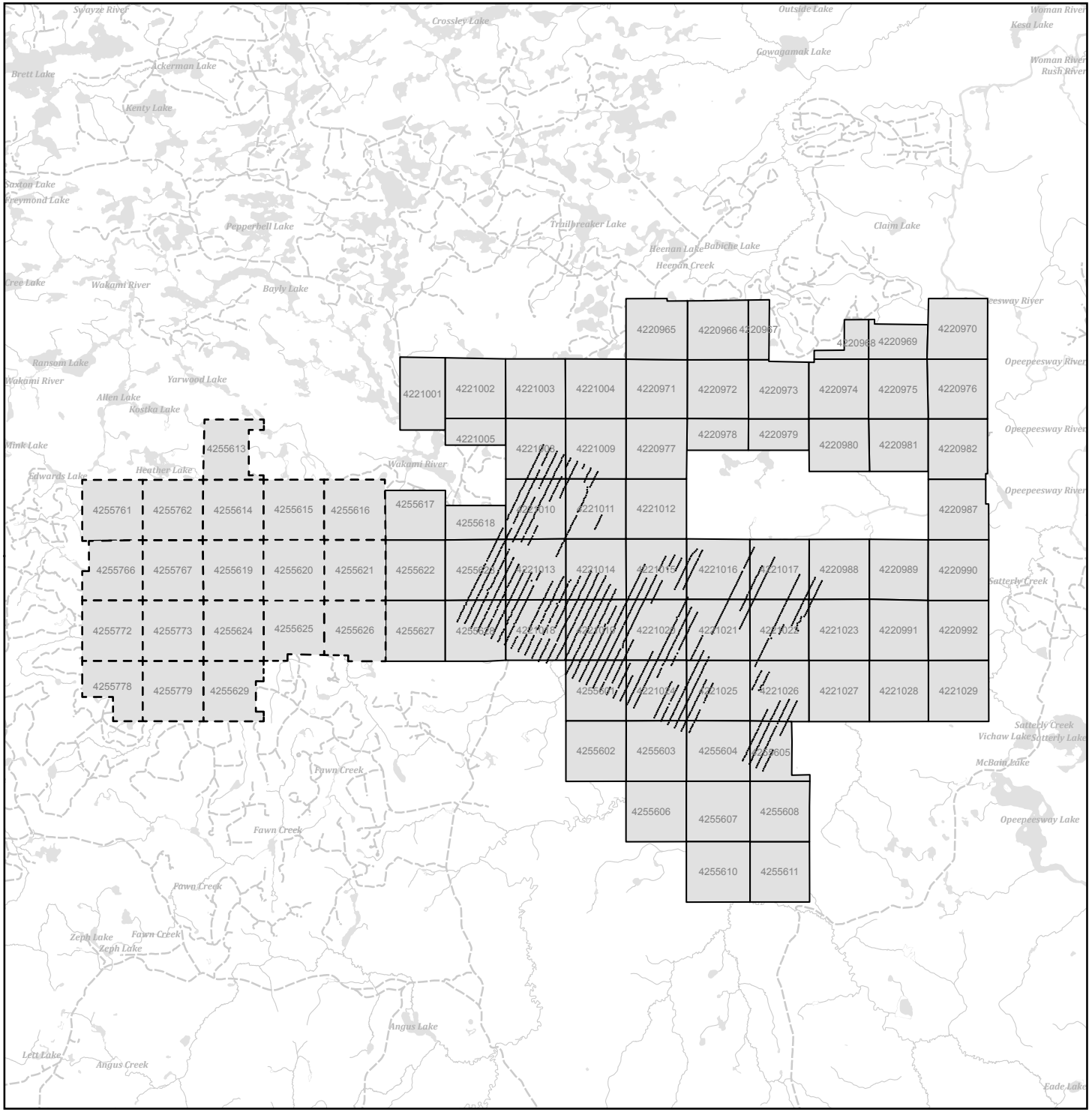

Figure 5.
October Gold Property
Soil Sample Locations
(XRF Data)

- Sample Location
- Service Road
- Drainage selection
- October Gold Claims
- Contiguous Work Applied
- Water

0 2.5 5 km

1:150,000

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Vector Base Data supplied by the MNR.
UTM Projection, NAD83, Zone 17

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ENTOURAGE METALS

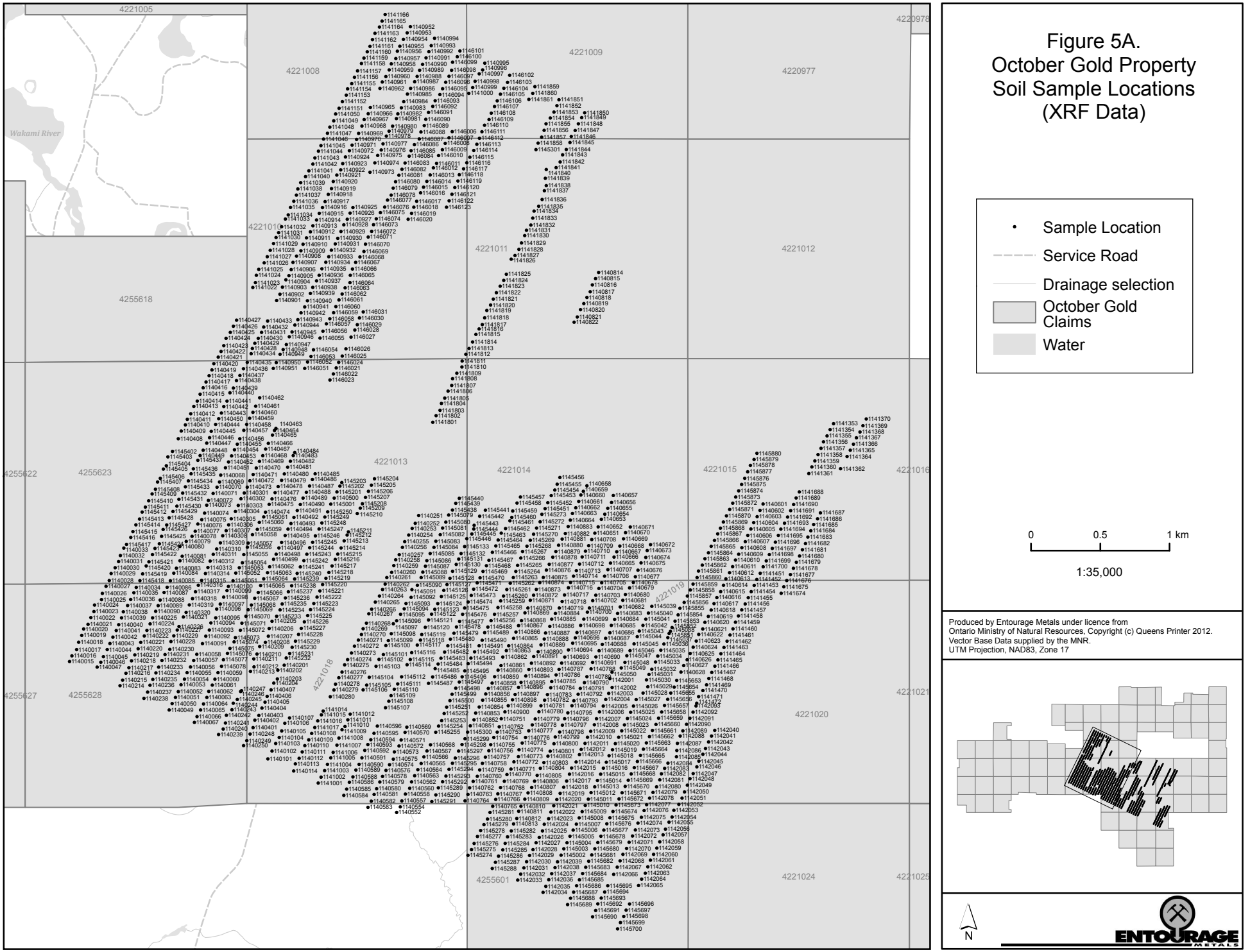
Figure 5A.
October Gold Property
Soil Sample Locations
(XRF Data)
Sample Location
Service Road
Drainage selection
October Gold Claims
Water
0
0.5
1 km
1:35,000
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Vector Base Data supplied by the MNR.
UTM Projection, NAD83, Zone 17
N
ENTOURAGE METALS
Wakami River
4221005
4220978
4221008
4221009
4220977
4221010
4221011
4221012
4255618
4255622
4255623
4221013
4221014
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4255601
4221024
4221025

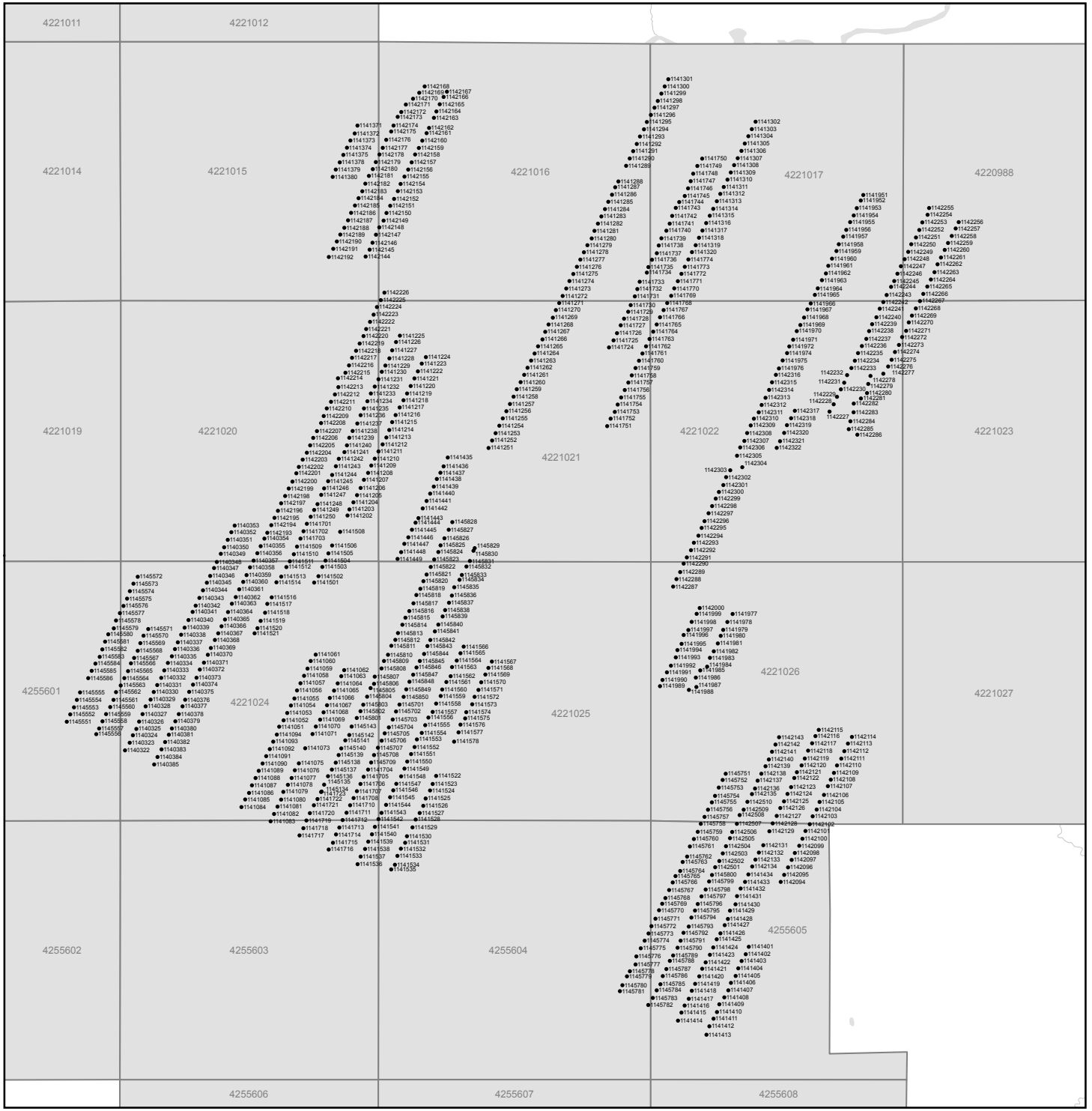

Figure 5B. October Gold Property Soil Sample Locations (XRF Data)

- Sample Location
- Service Road
- Drainage selection
- October Gold Claims
- Water

0 0.5 1 km

1:35,000

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Vector Base Data supplied by the MNR.
UTM Projection, NAD83, Zone 17

N

ENTOURAGE METALS

10.0 2012 Exploration Expenditures

The 2012 fall-winter exploration program on the October Gold property was undertaken to meet the expenditure requirements for claims 4255613, 4255761, 4255762, 4255614, 4255615, 4255616, 4255766, 4255767, 4255619, 4255620, 4255620, 4255621, 4255772, 4255773, 4255624, 4255625, 4255626, 4255778, 4255779 and 4255629. These expenditures fulfill the remaining work required, a sum of $118,800, as part of an extension granted on March 23, 2012, order number O1260.00102 (Appendix 1). Total expenditures for the work outlined in this report are $242,224.77

Table 4 – Exploration Expenditures for the 2012 Fall-Winter Exploration Program

Personnel	Qty	Unit	Rate	Total
Senior Geologist	10.75	Daily	$700.00	7525
Senior Geologist	36.5	Daily	$600.00	21900
GIS Technician	118.5	Hourly	$30.00	3555
Field Assistant	27	Daily	$210.00	5670
Field Assistant	5	Daily	$270.00	1350
Junior Geologist	10	Daily	$300.00	3000
Office Administrator	5	Hourly	$25.00	125
Subtotal				**$43,125.00**

Camp Costs/Overhead	Time Period	Cost
Camp Rental	September	$5,671.88
Camp Rental	October	$7,603.86
Camp Rental	November	$12,934.77
Living Trailer Purchase	October	$22,000.00
Camp Food	Sept 24-Nov 4	$1,682.14
Camp Fuel	Sept 24-Nov 4	$8,047.34
Camp Maitenence	Sept 24-Nov 4	$9,442.56
Camp Miscellanious	Sept 24-Nov 4	$1,387.96
Office Overhead	Sept 24-Nov 13	$500.00
Subtotal		**$69,270.51**

Land Costs	Date	Description	Cost
Payments to Owners (option agrmt)	April 12 2012	Option Payment	$50,000.00
Subtotal			**$50,000.00**

Truck, Trailer and ATV Costs	Qty	Rate	Total
Mileage Truck	8450	0.75	$6,337.50
Mileage ATV	710	0.5	$355.00
Trailer Purchase			$2,887.59
Subtotal			**$9,580.09**

Sampling Costs	Qty	Total
Rock Samples October 11	74	$3,781.81
Shipping October 11	74	$83.69
Rock Samples October 22	71	$3,249.32
Shipping October 22	71	$78.05
Rock Samples November 14	106	$4,851.09
Shipping November 14	106	$80.21
SGH soil samples XRF	2325	$58,125.00
Subtotal		**$70,249.17**

TOTAL EXPLORATION EXPENDITURES FALL WINTER 2012 - $242,224.77

11.0 Conclusions and Recommendations

Historically the October Gold property has not been extensively worked nor has there been any extensive prospecting or geochemical studies performed. Although the region has played host to a number of Au occurrences, the only definitive Au occurrence is at the Côté Lake Gold Deposit which is part of IAMGOLD's Chester Project located in north central Chester Township, south east and along trend with the October Gold property. Although historical evidence suggests the property potentially hosts several styles of Au mineralization, it will require further geological interpretation and geochemical studies to define and locate those sources.

Based on the 2012 prospecting and the 2011 data, two areas require follow up sampling and detailed geological and structural mapping. The first is the Woman River showing at the eastern edge of the property, the second being the anomalous Au values from the surface of the western 2011 SGH anomaly. It is recommended that the Woman River showing be extensively sampled and mapped, and if possible, trenched. There is abundant historical geophysical data for this area and a detailed compilation of this information should be undertaken prior to conducting exploration beyond the recommended sampling and bedrock mapping. The western SGH anomaly should be traversed with a closer spacing and areas of anomalous gold values from this phase of exploration should be trenched or stripped, access pending.

A lithogeochemical study with the geochemical data collected from this phase of exploration should be undertaken to help understand and delineate alteration patterns. Combined with the XRF data, the 2012 surface data should undergo geochemical analysis for potential pathfinder minerals and other patterns in areas with known anomalous Au.

12.0 References

Colvine, A.C., Andrews, A.J., Cherry, M.E., Durocher, M.E., Fyon, A.J., Lavigne, M.J., Macdonald, A.J., Marmont, S., Poulsen, K.H., Springer, J.S., and Troop, D.G., 1984. An integrated model for the origin of Archean lode gold deposits. Ontario Geological Survey Open-File Report 5524,99 p.

Ireland, J.C., 1988. Preliminary Evaluation of the Economic Potential on the Benton Property-BENTON TOWNSHIP, Porcupine Mining Division, Northeastern Ontario N.T.S. 41-O-9. Ontario Assessment Report.

Siragusa, G.M., 1987. Geology of the Garnet Lake Area, District of Sudbury, Ontario. Geological Survey Report 248, 81 p.

Jackson, S.L. and Fyon, J.A., 1991. The Western Abitibi Subprovince in Ontario. Ontario Geological Survey Special Volume 4, Part 1, pp 405-484.

Labrecque, J. 2011. Work Assessment Report for the Benton Project, Thunder Bay Division. Ontario Assessment Report.

Laird, H.C., 1936. Geology of the Opeepeesway Lake Area. Ontario Deptartment of Mines Annual Report, v. 44, pt. 7, pp. 1-30.

Ontario Geological Survey, 1982. Airborne Electromagnetic and Total Intensity Magnetic Survey, Swayze Area, Woman River and Satterly Lake Sheets, Maps 80547 and 80548. Ontario Geological Survey, scale 1:20,000.

APPENDIX 1

Ministry of
Northern Development and Mines

Mining Lands Section

933 Ramsey Lake Road, B3
Sudbury ON P3E 6B5
Tel.: (705) 670-5794
Fax: (705) 670-5863
Toll Free: 1-888-415-9845, Ext 5794

Ministère du
Développement du Nord et
des Mines

Direction de l'exploitation des minéraux et de la gestion des terrains miniers

933, chemin du lac Ramsey, étage B3
Sudbury ON P3E 6B5
Tél.: (705) 670-5794
Téléc.: (705) 670-5863
Sans frais : 1-888-415-9845, poste 5794

Ontario

File No. : MIL 10-1 38/12

March 23, 2012

John Labreque
Entourage Metals
98 Peninsula Rd, P.O. Box 1178
Marathon ON P0T 2E0

Dear Mr. Labreque:

Re: Application for Extension of Time on Unpatented Mining Claims P 4220965 to P 4220982 inclusive, P 4220987 to P 4220992 inclusive, P 4221001 to P 4221005 inclusive, P 4221008 to P 4221029 inclusive, P 4255601 to P 4255608 inclusive, P 4255610, P 4255611, P 4255613 to P 4255629 inclusive, P 4255761, P 4255762, P 4255766, P 4255767, P 4255772, P 4255773, P 4255778 and P 4255779 in Benton Township (G-3233), Mallard Township (G-1171), Garnet Township (G-1130), Cunningham Township (G-1095), Blamey Township (G-1052), Fawn Township (M-0804), Esther Township (G-1120), Marion Township (G-1174) and Heenan Township (G-1139) in the Porcupine Mining Division

Your request for a Minister's Extension of Time for the mining claims listed above has been granted.

As outlined on the attached Order, the due date has been extended to **January 14, 2012**. Please note that if work is not performed and filed by the new due date, the mining claims will cancel and no further extensions will be granted.

Should you have any questions regarding this matter, please contact Julie McFarling at (705) 670-5738 or toll-free at 1-888-415-9845 ext 5738.

Sincerely,

Tony Scarr
A/Manager, Provincial Mining Recorder – Technical Services Unit

Enclosure

Copy: Ken Pye, Normand Collins, 6398651 Canada Inc., and Chad Gloster.

ORDER OF THE MINISTER
OF NORTHERN DEVELOPMENT AND MINES
In the Matter of
SUBSECTION 67(5) OF *THE MINING ACT, R.S.O. 1990*

AND IN THE MATTER OF

Unpatented mining claims P 4220965 to P 4220982 inclusive, P 4220987 to P 4220992 inclusive, P 4221001 to P 4221005 inclusive, P 4221008 to P 4221029 inclusive, P 4255601 to P 4255608 inclusive, P 4255610, P 4255611, P 4255613 to P 4255629 inclusive, P 4255761, P 4255762, P 4255766, P 4255767, P 4255772, P 4255773, P 4255778 and P 4255779 in the Porcupine Mining Division, hereinafter referred to as the "Mining Claims";

AND IN THE MATTER OF

An application for an Extension of Time to perform and report work received from the recorded holder of the Mining Claims;

AND UPON REVIEWING

The special circumstances which bring into question the ability of the claim holder to fulfill the requirement to perform and report work;

AND WHEREAS:

There is no adverse interest reported to me at this time;

AND WHEREAS:

The Extension of Time within which work upon a mining claim must be performed or reported or within which application and payment for lease may be made and fixing the anniversary date and subsequent anniversary dates is provided for under subsection 67(5) of *the Mining Act, R.S.O. 1990*, as amended;

AND WHEREAS:

The authority to extend time pursuant to Subsection 67(5) of *The Mining Act* has been delegated to the Director, Mineral Development and Lands Branch, Mines and Minerals Division;

I HEREBY ORDER:

That the current anniversary date of the Mining Claims be extended up to and including January 14, 2013 within which time, work on the Mining Claims must be performed and reported;

I HEREBY FURTHER ORDER:

That all subsequent anniversary dates remain unchanged.

March 22, 2012
Date

C Blancher-Smith

Cindy Blancher-Smith
Director, Mineral Development and Lands Branch
Mines and Minerals Division
Ministry of Northern Development and Mines

APPENDIX 2

OPTION AGREEMENT

This Agreement is made as of September 09, 2011 between:

KEN PYE, a businessperson having an address at 840 Dalton Road, Timmins, Ontario, P4N 7C2, Fax: (705) 360-1738, Email: total@ntl.sympatico.ca

("**Pye**")

AND

NORM COLLINS, a businessperson having an address at 525 Westmount Boulevard, Unit 24, Timmins, Ontario, P4N 8K6, Fax: (705) 363-5757, Email: stakercollins@gmail.com

("**Collins**")

AND

CHAD GLOSTER, a businessperson having an address at 34 Battochio, Box 912, Schumacher, Ontario, P0N 1G0, Fax: (705) 365-0666, Email: compassexploration@gmail.com

("**Gloster**")

AND

6398651 CANADA INC., a corporation existing under the *Canada Business Corporations Act* and having its head office at 67 Jaban Street, Moose Factory, Ontario, P0L 1W0, Fax: (705) 336-1966, Email: william.mtlmoose@ontera.net

("**6398651**" and collectively with Pye, Collins and Gloster, "**Optionor**")

AND

ENTOURAGE METALS LTD., a corporation existing under the laws of British Columbia and having its head office at Suite 1500, 409 Granville Street, Vancouver, British Columbia, V6C 1T2, Fax: 604-484-7155

("**Entourage**").

WHEREAS:

A. 6398651 owns a 40% and each of Pye, Collins and Gloster owns a 20% beneficial interest, Optionor collectively owns a 100% beneficial interest and the persons indicated on Schedule "A" own a 100% legal and recorded interest in and to the Property, as hereafter defined; and

B. Optionor has agreed to grant Entourage the sole and exclusive right and option to acquire a 100% right, title and interest in and to the Property, in accordance with the terms and conditions of this Agreement.

For valuable consideration (the receipt and sufficiency of which is hereby acknowledged and agreed by each of the Parties hereto), and subject to the acceptance of the TSX Venture Exchange, the Parties agree as follows:

SECTION 1. - INTERPRETATION.

1.1 **Definitions.** In this Agreement terms and expressions given a defined meaning in any Schedule shall have the corresponding meaning in this Agreement and:

(a) "**Affiliate**" has the meaning given to that term in the Securities Act (British Columbia);

(b) "**Agreement**" means this Agreement, including the recitals and the Schedules, all as amended, from time to time;

(c) "**Commercial Production**" means, and is deemed to have been achieved, when the concentrator processing ores, for other than testing purposes, has operated for a period of 45 consecutive production days at an average rate of not less than 70% of design capacity or, if a concentrator is not erected on the

9.11 This Agreement may be executed by facsimile and in any number of counterparts, each of which shall constitute one and the same agreement.

The Parties have duly executed this Agreement as of the date and year first written above.

SIGNED, SEALED AND DELIVERED)
BY **KEN PYE** in the presence of:)
)
Signature)
)
KEN OSIPENKO)
Name)
)
82 THEKIAULT BLVD. Timmins On.)
Address)

KEN PYE

SIGNED, SEALED AND DELIVERED)
BY **NORM COLLINS** in the presence of:)
)
Signature)
)
KEN OSIPENKO)
Name)
)
82 THEKIAULT BLVD. Timmins On.)
Address)

NORM COLLINS

SIGNED, SEALED AND DELIVERED)
BY **CHAD GLOSTER** in the presence of:)
)
Signature)
)
KEN OSIPENKO)
Name)
)
82 THEKIAULT BLVD. Timmins On.)
Address)

CHAD GLOSTER

6398651 CANADA INC.

By: _____
Authorized Signing Representative

ENTOURAGE METALS LTD.

By: _____
Authorized Signing Representative

DKM\462901\SWAYZE LAKE PROPERTY\0190

APPENDIX 3

December 08, 2012

Ministry of Northern Development and Mines
Willet Green Miller Center
933 Ramsay Lake Road, 3rd Floor
Sudbury, ON
P3E 6B5

To Whom It May Concern:

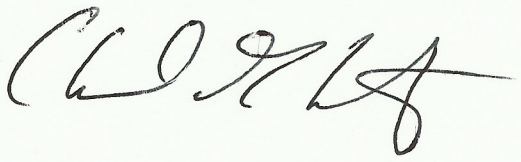
Re: Agent Letter

This letter is to confirm that John Florek and/or Katie Lucas of Entourage Metals are authorized as acting agent (s) on behalf of Chad Gloster.

Permission is granted to file documentation with the Ministry of Northern Development and Mines, Ontario, with regards to the October Gold Property, located within the Porcupine Mining Division.

Regards,

_____Chad Gloster_____



December 06, 2012

Ministry of Northern Development and Mines
Willet Green Miller Center
933 Ramsay Lake Road, 3rd Floor
Sudbury, ON
P3E 6B5

To Whom It May Concern:

Re: Agent Letter

This letter is to confirm that John Florek and/or Katie Lucas of Entourage Metals are authorized as acting agent (s) on behalf of Ken Pye.

Permission is granted to file documentation with the Ministry of Northern Development and Mines, Ontario, with regards to the October Gold Property, located within the Porcupine Mining Division.

Regards,

Ken Pye

December 10, 2012

Ministry of Northern Development and Mines
Willet Green Miller Center
933 Ramsay Lake Road, 3rd Floor
Sudbury, ON
P3E 6B5

To Whom It May Concern:

Re: Agent Letter

This letter is to confirm that John Florek and/or Katie Lucas of Entourage Metals are authorized as acting agent (s) on behalf of Norm Collins

Permission is granted to file documentation with the Ministry of Northern Development and Mines, Ontario, with regards to the October Gold Property, located within the Porcupine Mining Division.

Regards,

Norm Collins

Norm Collins

APPENDIX 4

Sample	UTM_E	UTM_N	Cord_Sys
S00251	388504	5285708	NAD83 Zone17
S00252	388510	5285705	NAD83 Zone17
S00253	388562	5286128	NAD83 Zone17
S00254	389123	5286117	NAD83 Zone17
S00255	389169	5286154	NAD83 Zone17
S00256	389214	5286137	NAD83 Zone17
S00257	389214	5286137	NAD83 Zone17
S00258	389216	5286134	NAD83 Zone17
S00259	389272	5286134	NAD83 Zone17
S00260	389272	5286134	NAD83 Zone17
S00261	389148	5285822	NAD83 Zone17
S00262	389298	5285951	NAD83 Zone17
S00263	389317	5285952	NAD83 Zone17
S00264	389340	5285935	NAD83 Zone17
S00265	389238	5285470	NAD83 Zone17
S00266	389854	5285009	NAD83 Zone17
S00267	389860	5285090	NAD83 Zone17
S00268	389969	5285810	NAD83 Zone17
S00269	389969	5285810	NAD83 Zone17
S00270	390276	5287384	NAD83 Zone17
S00271	390274	5287368	NAD83 Zone17
S00272	390426	5287230	NAD83 Zone17
S00273	390450	5287120	NAD83 Zone17
S00274	390316	5286827	NAD83 Zone17
S00275	389992	5286530	NAD83 Zone17
S00276	389924	5286679	NAD83 Zone17
S00277	389151	5287891	NAD83 Zone17
S00278	389348	5287054	NAD83 Zone17
S00279	389318	5286995	NAD83 Zone17
S00280	389307	5286904	NAD83 Zone17
S00281	389321	5286761	NAD83 Zone17
S00282	389502	5287060	NAD83 Zone17
S00283	389502	5287060	NAD83 Zone17
S00284	389412	5287102	NAD83 Zone17
S00285	389338	5287144	NAD83 Zone17
S00286	389273	5287348	NAD83 Zone17
S00287	389315	5287466	NAD83 Zone17
S00288	389453	5287699	NAD83 Zone17
S00289	389233	5287846	NAD83 Zone17
S00290	388623	5287628	NAD83 Zone17
S00291	387541	5288377	NAD83 Zone17
S00292	387298	5288539	NAD83 Zone17
S00293	390130	5289797	NAD83 Zone17
S00294	390779	5285082	NAD83 Zone17
S00295	391133	5285097	NAD83 Zone17
S00296	391296	5285154	NAD83 Zone17

Sample	UTM_E	UTM_N	Cord_Sys
S00297	391022	5285354	NAD83 Zone17
S00298	390075	5284927	NAD83 Zone17
S00299	389819	5284968	NAD83 Zone17
S00300	389733	5284978	NAD83 Zone17
S00301	394213	5283069	NAD83 Zone 17
S00302	394210	5283070	NAD83 Zone 17
S00303	394258	5283074	NAD83 Zone 17
S00304	394268	5283090	NAD83 Zone 17
S00305	394385	5283182	NAD83 Zone 17
S00306	394439	5283211	NAD83 Zone 17
S00307	394502	5283208	NAD83 Zone 17
S00308	394500	5283208	NAD83 Zone 17
S00309	394733	5283597	NAD83 Zone 17
S00310	394734	5283619	NAD83 Zone 17
S00311	394736	5283611	NAD83 Zone 17
S00312	394888	5284611	NAD83 Zone 17
S00313	395034	5284685	NAD83 Zone 17
S00314	395045	5284682	NAD83 Zone 17
S00315	395150	5284639	NAD83 Zone 17
S00316	391259	5283953	NAD83 Zone 17
S00317	391963	5283729	NAD83 Zone 17
S00318	391846	5283687	NAD83 Zone 17
S00319	391534	5284188	NAD83 Zone 17
S00320	391914	5284376	NAD83 Zone 17
S00321	394264	5284857	NAD83 Zone 17
S00322	394368	5284687	NAD83 Zone 17
S00323	399778	5286271	NAD83 Zone 17
S00324	400835	5286908	NAD83 Zone 17
S00325	400836	5286910	NAD83 Zone 17
S00326	400840	5286914	NAD83 Zone 17
S00327	400834	5286907	NAD83 Zone 17
S00328	400571	5287026	NAD83 Zone 17
S00329	400539	5287073	NAD83 Zone 17
S00330	400558	5287153	NAD83 Zone 17
S00331	400446	5286854	NAD83 Zone 17
S00332	400365	5286610	NAD83 Zone 17
S00333	394195	5285337	NAD83 Zone 17
S00334	393052	5285085	NAD83 Zone 17
S00401	387296	5285899	NAD83 Zone 17
S00402	387982	5285231	NAD83 Zone 17
S00403	391253	5283951	NAD83 Zone 17
S00404	391531	5284187	NAD83 Zone 17
S00405	391632	5284267	NAD83 Zone 17
S00406	391882	5284374	NAD83 Zone 17
S00407	392618	5285063	NAD83 Zone 17
S00408	386191	5288656	NAD83 Zone 17

Sample	UTM_E	UTM_N	Cord_Sys
S00409	386024	5288750	NAD83 Zone 17
S00410	386277	5289508	NAD83 Zone 17
S00411	386282	5289510	NAD83 Zone 17
S00412	386198	5289464	NAD83 Zone 17
S00413	386033	5289440	NAD83 Zone 17
S00414	385945	5289345	NAD83 Zone 17
S00415	385899	5289225	NAD83 Zone 17
S00416	386038	5288944	NAD83 Zone 17
S00417	385702	5289147	NAD83 Zone 17
S00418	385625	5289380	NAD83 Zone 17
S00419	385461	5290100	NAD83 Zone 17
S00420	391001	5286466	NAT83 UTM 17
S00421	391285	5286264	NAT83 UTM 17
S00422	391287	5286235	NAT83 UTM 17
S00423	391260	5286200	NAT83 UTM 17
S00424	391249	5286145	NAT83 UTM 17
S00425	391235	5286045	NAT83 UTM 17
S00426	391083	5285253	NAT83 UTM 17
S00427	390770	5285082	NAD83 Zone 17
S00428	390746	5284860	NAD83 Zone 17
S00429	391171	5284473	NAD83 Zone 17
S00430	391228	5284478	NAD83 Zone 17
S00431	391593	5285392	NAD83 Zone 17
S00432	391690	5285844	NAD83 Zone 17
S00433	390258	5289696	NAD83 Zone 17
S00434	390697	5289438	NAD83 Zone 17
S00435	390734	5288326	NAD83 Zone 17
S00436	391280	5287172	NAD83 Zone 17
S00437	391281	5287167	NAD83 Zone 17
S00438	391285	5287030	NAD83 Zone 17
S00439	391180	5286682	NAD83 Zone 17
S00440	392971	5287754	NAD83 Zone 17
S00441	392672	5287006	NAD83 Zone 17
S00442	392742	5286313	NAD83 Zone 17
S00443	392622	5285139	NAD83 Zone 17
S00444	392530	5285309	NAD83 Zone 17
S00445	382596	5282699	NAD83 Zone 17
S00446	382588	5282710	NAD83 Zone 17
S00447	382779	5282794	NAD83 Zone 17
S00448	383012	5282865	NAD83 Zone 17
S00449	383007	5282862	NAD83 Zone 17
S00450	383019	5282855	NAD83 Zone 17
S00551	382998	5282844	NAD83 Zone 17
S00552	382998	5282844	NAD83 Zone 17
S00553	383262	5282702	NAD83 Zone 17
S00554	383572	5282389	NAD83 Zone 17

Sample	UTM_E	UTM_N	Cord_Sys
S00555	382580	5283397	NAD83 Zone 17
S00556	382583	5283312	NAD83 Zone 17
S00557	382494	5283553	NAD83 Zone 17
S00558	382495	5283549	NAD83 Zone 17
S00559	380605	5284696	NAD83 Zone 17
S00560	380356	5284713	NAD83 Zone 17
S00561	381267	5283550	NAD83 Zone 17
S00562	383862	5284766	NAD83 Zone 17
S00563	383738	5284437	NAD83 Zone 17
S00564	383467	5284394	NAD83 Zone 17
S00565	383389	5285119	NAD83 Zone 17
S00566	383408	5285112	NAD83 Zone 17
S00567	382016	5285780	NAD83 Zone 17
S00568	381976	5285752	NAD83 Zone 17
S00569	381049	5285864	NAD83 Zone 17
S00570	381191	5287106	NAD83 Zone 17
S00571	379953	5286454	NAD83 Zone 17
S00572	379954	5286444	NAD83 Zone 17
S00573	379677	5285837	NAD83 Zone 17
S00574	379377	5285579	NAD83 Zone 17
S00575	379389	5285585	NAD83 Zone 17
S00576	379389	5285589	NAD83 Zone 17
S00577	377822	5285532	NAD83 Zone 17
S00578	377327	5285146	NAD83 Zone 17
S00579	388810	5288798	NAD83 Zone 17
S00580	388803	5288769	NAD83 Zone 17
S00581	389104	5288829	NAD83 Zone 17
S00582	389324	5288697	NAD83 Zone 17
S00583	389348	5288440	NAD83 Zone 17
S00584	389823	5288298	NAD83 Zone 17
S00585	389789	5287885	NAD83 Zone 17
S00586	388797	5287852	NAD83 Zone 17
S00587	388836	5288194	NAD83 Zone 17
S00588	380535	5281291	NAD83 Zone 17
S00589	380289	5280971	NAD83 Zone 17
S00590	380106	5280755	NAD83 Zone 17
S00591	381456	5282406	NAD83 Zone 17
S00592	381485	5280906	NAD83 Zone 17
S00593	388235	5282897	NAD83 Zone 17
S00594	387571	5282354	NAD83 Zone 17
S00595	387580	5282358	NAD83 Zone 17
S00596	387367	5282678	NAD83 Zone 17
S00597	389770	5284390	NAD83 Zone 17
S00598	390043	5284405	NAD83 Zone 17
S00599	390250	5284513	NAD83 Zone 17
S00600	390718	5284245	NAD83 Zone 17

Sample	UTM_E	UTM_N	Cord_Sys
S00601	390627	5280432	NAD83 Zone 17
S00602	390723	5280097	NAD83 Zone 17
S00603	391418	5279979	NAD83 Zone 17
S00604	389907	5279717	NAD83 Zone 17
S00605	391931	5281772	NAD83 Zone 17
S00606	392117	5281655	NAD83 Zone 17
S00607	392747	5281039	NAD83 Zone 17
S00608	389693	5281092	NAD83 Zone 17
S00609	390000	5280954	NAD83 Zone 17
S00610	390177	5280877	NAD83 Zone 17
S00611	390384	5280807	NAD83 Zone 17
S00612	390722	5280994	NAD83 Zone 17
S00613	390710	5280962	NAD83 Zone 17
S00614	390661	5281495	NAD83 Zone 17
S00615	390601	5282155	NAD83 Zone 17
S00616	390856	5280551	NAD83 Zone 17
S00617	391403	5281348	NAD83 Zone 17
S00618	391479	5282172	NAD83 Zone 17
S00619	391458	5282998	NAD83 Zone 17
S00620	391250	5283372	NAD83 Zone 17
S00621	391220	5283566	NAD83 Zone 17
S00622	390250	5284405	NAD83 Zone 17
S00623	388270	5282493	NAD83 Zone 17
S00624	388426	5283220	NAD83 Zone 17
S00625	388360	5283597	NAD83 Zone 17
S00626	382701	5286752	NAD83 Zone 17
S00627	382440	5286882	NAD83 Zone 17
S00628	381857	5287026	NAD83 Zone 17
S00629	381234	5287356	NAD83 Zone 17
S00630	380605	5287356	NAD83 Zone 17
S00631	380031	5287727	NAD83 Zone 17
S00632	377795	5281624	NAD83 Zone 17
S00633	377855	5281810	NAD83 Zone 17
S00634	377808	5281951	NAD83 Zone 17
S00635	377897	5282363	NAD83 Zone 17
S00636	378014	5282803	NAD83 Zone 17
S00637	378062	5282805	NAD83 Zone 17
S00638	378068	5282803	NAD83 Zone 17
S00639	378064	5282799	NAD83 Zone 17
S00640	378031	5283032	NAD83 Zone 17
S00641	377995	5283132	NAD83 Zone 17
S00642	377804	5283660	NAD83 Zone 17
S00643	378159	5283552	NAD83 Zone 17
S00644	378362	5283707	NAD83 Zone 17
S00645	378288	5284184	NAD83 Zone 17
S00646	377964	5281809	NAD83 Zone 17

Sample	UTM_E	UTM_N	Cord_Sys
S00647	377956	5281812	NAD83 Zone 17
S00648	378176	5281832	NAD83 Zone 17
S00649	396291	5280767	NAD83 Zone 17
S00650	396521	5280980	NAD83 Zone 17
S00701	396769	5280713	NAD83 Zone 17
S00702	396082	5281202	NAD83 Zone 17
S00703	395832	5281253	NAD83 Zone 17
S00704	395301	5281272	NAD83 Zone 17
S00705	395241	5280882	NAD83 Zone 17
S00706	395219	5280604	NAD83 Zone 17
S00707	395453	5280314	NAD83 Zone 17
S00708	395586	5279923	NAD83 Zone 17
S00709	396161	5276959	NAD83 Zone 17
S00710	395823	5277635	NAD83 Zone 17
S00711	395286	5277635	NAD83 Zone 17
S00712	394818	5278025	NAD83 Zone 17
S00713	394194	5278247	NAD83 Zone 17
S00714	394313	5280298	NAD83 Zone 17
S00715	393926	5280415	NAD83 Zone 17
S00716	394519	5280970	NAD83 Zone 17
S00717	394129	5280970	NAD83 Zone 17

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: ENTOURAGE METALS LTD
BOX 1178
MARATHON, ON P0T2E0
(807) 229-9719

ATTENTION TO: JOHN FLOREK

PROJECT NO:

AGAT WORK ORDER: 12T652376

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Oct 26, 2012

PAGES (INCLUDING COVER): 26

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested and to all the items tested

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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Certificate of Analysis

AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2
S00251	1.55	0.23	6.85	2.5	139	0.22	0.02	6.66	0.14	6.94	50.7	202	0.50	120
S00252	0.93	0.20	5.86	0.4	62	0.30	<0.01	5.75	0.10	10.3	50.9	21.0	0.90	136
S00253	0.88	0.31	1.27	19.9	24	0.72	0.25	0.27	0.12	10.3	10.9	35.6	0.29	106
S00254	1.41	0.22	2.78	4.8	435	0.74	0.02	0.87	0.04	9.08	6.46	35.1	1.81	1.2
S00255	1.32	0.34	0.25	120	8	0.25	0.02	0.61	0.09	6.02	6.41	25.0	0.19	263
S00256	2.00	0.60	1.41	23.6	44	0.37	1.22	0.03	0.05	11.4	62.0	74.2	0.41	554
S00257	1.60	0.51	1.38	25.4	46	0.32	1.82	0.04	0.03	10.4	61.1	43.4	0.39	594
S00258	1.46	0.26	3.72	9.6	673	0.56	0.07	0.16	<0.02	3.65	11.2	70.7	0.85	198
S00259	0.36	2.02	1.52	92.1	14	0.20	9.75	0.06	0.04	20.1	29.0	16.8	0.18	829
S00260	1.75	0.60	4.80	7.8	55	0.31	0.44	1.42	0.04	14.8	37.1	32.1	0.23	452
S00261	1.25	0.22	0.27	54.6	42	0.11	0.08	0.06	0.26	3.65	3.70	90.0	0.18	56.6
S00262	1.24	0.47	4.08	6.5	134	0.59	0.58	1.53	0.06	15.4	15.6	12.7	0.29	172
S00263	1.73	0.19	6.77	2.4	45	0.32	0.02	5.99	0.14	6.43	50.2	232	0.23	123
S00264	1.02	0.17	0.73	0.7	30	0.32	0.04	1.30	0.12	4.38	11.8	40.0	0.81	31.3
S00265	1.59	0.14	8.55	3.0	174	0.15	0.17	7.68	0.07	3.47	49.1	156	0.94	23.0
S00266	1.30	0.18	2.37	4.2	275	0.88	0.03	0.73	0.06	5.30	4.95	24.7	0.86	59.1
S00267	1.36	0.40	2.92	4.3	21	1.10	0.08	1.92	0.04	37.4	101	650	2.21	114
S00268	1.32	0.10	3.14	1.6	37	0.67	<0.01	2.22	0.08	14.2	4.31	27.3	0.08	4.7
S00269	1.53	0.20	7.30	1.0	45	0.22	0.01	9.90	0.12	5.77	47.6	257	0.16	127
S00270	1.23	0.31	2.96	3.1	163	0.68	<0.01	0.92	0.02	11.5	7.35	37.6	0.43	7.7
S00271	1.38	0.30	6.51	6.9	16	0.37	0.01	3.83	0.08	11.4	49.4	38.2	0.28	111
S00272	1.02	0.20	6.49	1.0	52	0.21	0.01	5.24	0.15	7.28	48.5	125	0.27	107
S00273	0.75	0.18	3.70	0.7	306	0.65	0.09	2.06	0.04	4.08	5.97	28.8	0.89	4.4
S00274	0.85	0.19	2.44	0.3	221	0.78	<0.01	0.45	0.03	10.4	8.28	36.4	0.95	6.7
S00275	0.74	0.84	1.89	4.3	553	1.26	0.02	0.16	0.02	11.6	4.11	43.7	0.44	54.4
S00276	1.59	0.34	8.04	1.6	155	0.26	0.08	8.48	0.07	7.50	53.8	272	0.40	66.5
S00277	1.81	0.18	8.19	0.9	23	0.29	0.01	8.88	0.08	6.92	48.3	263	0.15	89.5
S00278	1.34	0.20	3.29	12.2	398	0.69	0.02	1.27	0.12	9.94	11.2	63.7	1.09	58.4
S00279	1.14	0.24	6.74	<0.2	281	0.16	0.02	4.29	0.04	3.28	75.1	380	0.32	160
S00280	1.16	0.21	8.00	0.8	144	0.85	<0.01	0.32	0.03	14.0	8.65	42.6	0.25	5.2
S00281	1.08	0.22	4.14	<0.2	30	1.46	0.04	6.20	0.08	40.3	82.5	963	0.42	188

Certified By:

Results relate only to the items tested and to all the items tested

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CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12T652376

PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2
S00282	1.41	0.25	5.57	0.7	75	0.41	0.01	4.65	0.14	11.2	47.9	142	0.77	132
S00283	0.88	0.32	2.56	0.6	280	1.64	0.11	0.21	<0.02	21.7	1.91	26.0	1.31	4.0
S00284	1.07	0.40	2.58	1.0	254	1.26	0.13	0.34	0.12	35.7	0.82	21.1	1.05	1.8
S00285	0.81	0.16	3.89	0.8	315	2.14	0.03	2.27	0.16	33.9	29.8	137	1.77	68.1
S00286	1.40	0.15	5.54	58.8	74	0.34	<0.01	6.23	0.08	5.02	40.1	211	0.45	108
S00287	1.03	0.17	2.65	1.4	251	0.77	<0.01	0.75	0.04	5.60	7.53	52.3	0.93	10.8
S00288	1.25	0.14	3.12	5.3	46	0.98	0.02	2.77	0.04	17.2	5.86	35.9	0.29	2.0
S00289	0.96	0.18	5.56	3.4	41	0.27	0.28	3.77	0.04	6.65	46.3	119	0.19	115
S00290	1.13	0.10	3.01	0.7	329	1.49	0.02	0.72	<0.02	21.5	8.29	22.3	0.79	4.6
S00291	1.23	0.20	3.66	7.7	302	1.49	0.12	8.09	0.06	20.8	48.1	1240	1.42	80.6
S00292	1.53	0.20	4.72	3.9	558	2.21	0.07	5.20	0.09	43.9	38.8	461	0.52	33.6
S00293	1.33	0.12	1.07	0.4	7	0.08	<0.01	0.39	0.04	2.69	116	2930	0.10	6.5
S00294	1.71	0.10	2.72	0.3	385	1.22	0.08	0.83	0.05	10.0	7.93	30.1	1.89	5.2
S00295	1.32	0.17	6.58	2.2	27	0.43	<0.01	3.78	0.08	11.7	38.4	220	0.12	24.3
S00296	0.90	0.11	3.41	0.5	305	1.16	0.01	0.46	0.18	14.8	26.5	43.1	0.76	23.4
S00297	1.37	0.22	2.97	3.8	252	1.52	0.06	0.63	0.09	26.5	13.4	17.1	0.69	36.2
S00298	1.20	0.22	5.29	0.8	157	1.02	0.11	2.36	0.05	24.1	21.8	317	0.40	101
S00299	1.05	0.39	3.77	2.0	334	1.09	0.03	1.81	0.08	27.6	7.16	37.1	0.41	40.9
S00300	1.68	0.29	4.11	8.2	39	0.53	0.64	0.45	0.04	13.7	18.7	32.1	0.47	20.9
S00301	1.17	0.18	6.43	13.7	20	0.32	0.01	4.90	0.07	8.42	30.8	406	0.07	25.4
S00302	1.92	0.07	1.77	2.2	13	0.10	0.01	1.04	0.03	1.90	6.27	162	0.07	4.1
S00303	2.02	0.12	5.42	0.5	148	0.78	0.01	2.86	0.07	15.0	21.1	39.7	0.33	39.0
S00304	0.82	0.10	1.11	1.2	101	0.35	0.01	0.15	0.05	8.03	4.75	59.4	0.28	3.9
S00305	1.44	0.52	1.91	3.4	257	1.35	0.09	0.10	0.12	9.90	22.1	62.4	0.46	8.1
S00306	1.76	0.08	0.32	26.5	31	0.16	0.05	0.01	<0.02	1.01	0.88	123	0.19	4.5
S00307	2.46	0.14	0.52	2.9	20	0.13	0.03	2.79	1.98	3.09	14.0	46.8	0.06	81.0
S00308	0.80	0.11	3.26	0.9	165	0.88	0.02	0.12	0.07	6.81	17.3	80.0	0.69	44.2
S00309	1.23	0.36	4.24	2.3	231	0.48	0.02	2.67	0.07	8.08	51.8	134	0.40	164
S00310	1.79	0.33	3.91	1.0	21	0.61	0.01	2.50	0.12	8.02	44.4	116	0.05	148
S00311	1.55	0.33	2.68	8.2	372	0.89	0.04	0.97	0.13	14.2	7.54	57.0	1.12	12.1
S00312	0.62	0.37	4.96	<0.2	117	1.14	0.03	3.25	0.06	24.9	24.3	126	0.14	36.4

Certified By:

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AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2
S00313	0.75	0.26	4.18	<0.2	402	1.77	0.04	4.56	0.13	29.1	41.7	457	0.90	73.5
S00314	1.18	0.25	0.52	0.5	92	0.20	0.01	0.29	0.03	2.71	3.64	51.4	0.29	6.6
S00315	1.78	0.43	4.26	0.3	113	0.61	0.02	3.13	0.04	17.3	28.5	379	0.55	39.7
S00316	1.46	0.49	4.48	2.0	14	0.30	<0.01	6.68	0.11	3.53	44.6	231	0.07	127
S00317	1.65	0.41	4.74	1.7	29	0.29	0.03	4.20	0.37	4.05	46.6	258	0.07	120
S00318	1.49	0.35	4.56	37.4	27	0.28	0.01	2.93	0.03	5.96	43.8	250	0.14	103
S00319	0.85	0.37	6.03	4.3	24	0.32	0.01	5.62	0.52	6.23	54.8	248	0.06	119
S00320	0.85	0.19	3.17	6.9	367	1.23	0.04	0.89	0.03	6.98	5.15	20.3	1.50	10.5
S00321	1.48	0.45	5.19	0.9	102	0.77	0.02	4.64	0.10	14.9	37.7	215	0.25	87.7
S00322	0.89	0.35	4.51	1.1	42	0.29	0.01	5.30	0.16	4.46	45.3	121	0.13	124
S00401	1.65	0.29	4.46	0.2	24	0.33	0.01	5.76	0.10	4.61	48.7	223	0.06	110
S00402	0.69	0.47	3.00	233	181	0.88	0.09	0.36	0.09	7.62	22.5	94.7	0.75	37.9

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CANADA L4Z 1N9
TEL (905)501-9998
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Certificate of Analysis

AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Unit:	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description RDL:	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2
S00251	8.14	17.0	0.95	1.1	0.064	0.05	2.6	32.6	2.66	1810	0.62	1.60	3.7	104
S00252	10.1	19.3	1.21	1.8	0.090	0.28	4.0	9.1	2.65	1840	0.37	1.82	4.2	29.7
S00253	22.1	6.30	3.10	0.7	0.205	0.02	4.9	2.9	0.49	1030	1.46	0.04	1.6	11.4
S00254	1.33	19.3	0.90	2.1	0.016	1.50	3.8	2.7	0.43	235	0.24	3.67	0.6	15.2
S00255	25.1	1.03	0.77	0.1	0.135	0.02	3.3	1.1	0.79	1680	0.45	0.06	0.9	<0.2
S00256	17.4	7.66	0.52	0.9	0.104	0.47	6.2	6.9	0.45	627	0.76	0.02	1.9	27.3
S00257	15.5	7.51	0.49	0.8	0.130	0.43	5.7	5.9	0.41	544	1.66	0.01	1.8	34.2
S00258	8.11	16.6	0.38	2.7	0.022	4.72	1.7	16.3	0.95	609	0.25	0.05	4.5	33.0
S00259	27.6	5.38	0.57	1.3	0.113	0.06	8.8	2.8	0.24	1680	5.18	0.03	2.9	10.9
S00260	18.8	16.1	0.33	2.6	0.095	0.11	6.1	23.6	1.61	4280	1.78	0.16	4.1	27.1
S00261	4.94	1.32	0.13	0.1	0.117	0.09	1.7	0.7	0.09	635	0.43	<0.01	0.3	2.4
S00262	13.7	13.6	0.22	2.8	0.092	0.57	6.1	18.6	1.12	4180	1.04	0.12	4.8	7.8
S00263	7.96	17.2	0.19	1.2	0.065	0.03	2.2	12.0	3.49	1540	0.22	2.06	3.4	105
S00264	3.05	4.02	0.15	0.3	0.083	0.03	1.6	1.7	0.37	1470	0.26	0.04	0.5	22.5
S00265	6.12	15.7	0.29	0.4	0.042	0.65	1.2	10.4	4.36	1200	0.25	1.45	1.9	165
S00266	1.16	21.0	0.29	2.1	0.014	1.00	2.4	6.8	0.25	252	2.12	4.88	1.4	4.0
S00267	7.91	11.2	0.86	2.9	0.040	0.10	16.7	63.2	13.6	1600	0.46	0.09	12.2	1430
S00268	1.54	11.8	0.27	2.2	0.036	0.04	7.9	1.8	0.32	1210	1.49	2.80	1.7	6.3
S00269	8.04	14.1	0.69	1.0	0.053	0.08	2.3	11.1	4.00	1580	0.34	1.45	2.4	96.3
S00270	2.03	20.5	0.25	3.2	0.020	0.44	5.4	19.6	0.69	217	0.29	4.83	3.6	13.5
S00271	8.15	18.3	0.68	1.2	0.063	0.02	4.5	61.6	3.62	1660	0.28	1.46	4.0	51.5
S00272	7.47	18.0	0.39	1.1	0.071	0.05	2.7	9.6	2.55	1870	0.26	2.84	3.5	64.6
S00273	1.57	19.9	0.24	0.5	0.017	0.96	1.9	29.7	0.40	256	0.15	3.67	2.3	3.6
S00274	2.08	20.7	0.44	3.7	0.029	0.90	4.4	11.3	0.37	163	0.21	3.90	3.1	12.9
S00275	0.71	13.5	0.41	2.7	0.014	1.92	4.6	3.6	0.09	76	0.33	3.43	12.6	1.4
S00276	8.35	17.5	0.64	1.3	0.064	0.36	3.2	9.6	4.22	1560	0.49	1.67	3.4	120
S00277	7.84	18.5	0.22	1.1	0.067	0.02	2.5	10.5	2.21	2050	0.38	1.31	3.3	119
S00278	2.92	16.9	0.45	2.3	0.050	2.33	3.6	5.1	0.27	593	0.35	3.01	2.6	22.9
S00279	7.52	14.3	0.92	0.5	0.044	0.09	1.3	77.7	5.92	1580	0.17	1.79	1.5	263
S00280	2.91	22.8	0.67	2.9	0.028	0.15	5.4	24.3	1.46	295	0.16	5.09	4.0	15.5
S00281	8.86	14.0	0.79	2.8	0.048	0.01	18.3	30.4	7.48	1410	0.65	0.03	4.6	833
S00282	7.70	18.2	1.20	1.8	0.075	0.12	4.3	25.9	3.18	1960	0.31	2.19	4.6	68.1

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Certificate of Analysis

AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Unit:	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description RDL:	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2
S00283	0.83	18.9	0.63	2.5	0.044	2.11	8.4	5.7	0.27	97	0.11	3.16	12.1	10.2
S00284	1.01	15.6	0.53	2.7	0.040	1.77	14.0	3.4	0.14	689	0.28	2.46	9.7	1.0
S00285	4.70	18.3	0.84	2.6	0.054	1.71	14.5	17.3	1.42	1090	0.26	2.04	1.4	31.5
S00286	6.40	15.6	0.75	0.4	0.057	0.29	1.8	50.1	1.97	1450	0.21	1.50	0.9	117
S00287	1.94	20.0	0.34	2.9	0.034	1.00	2.1	8.6	0.30	257	0.22	3.90	1.8	13.6
S00288	1.89	12.3	0.49	1.0	0.023	0.11	8.1	14.0	0.64	502	0.19	1.67	0.7	9.9
S00289	6.49	15.0	0.66	1.2	0.071	0.02	2.5	19.3	2.57	1690	0.76	2.68	3.3	69.3
S00290	1.59	20.9	0.55	1.4	0.018	0.88	8.7	24.5	0.66	152	0.73	3.91	1.1	14.1
S00291	3.97	10.6	0.58	1.6	0.050	1.49	9.0	31.7	4.65	2100	0.60	0.05	0.9	315
S00292	5.11	16.0	0.71	2.8	0.062	1.42	18.4	14.9	4.74	1090	0.70	1.64	5.1	90.5
S00293	3.87	2.94	0.75	0.4	0.014	0.04	1.0	2.0	17.6	824	0.17	0.03	1.8	1710
S00294	1.34	21.7	0.65	2.3	0.024	1.28	4.2	9.8	0.28	309	0.14	3.30	0.9	9.7
S00295	6.34	17.2	0.66	1.2	0.072	0.02	4.4	43.0	3.58	1330	0.21	1.62	4.9	56.6
S00296	4.94	20.8	1.01	2.5	0.053	1.34	5.4	51.9	0.36	1060	0.12	2.24	1.7	37.3
S00297	4.10	22.0	0.39	5.7	0.095	2.65	9.0	9.4	0.17	1010	1.65	0.95	2.7	2.6
S00298	3.28	21.4	0.65	2.9	0.061	0.58	9.6	43.8	1.12	853	2.83	2.82	7.4	74.3
S00299	8.37	16.9	0.91	3.7	0.049	0.69	10.8	16.9	0.75	3350	30.5	3.65	9.5	5.8
S00300	12.8	16.6	0.61	2.9	0.043	0.09	5.5	35.9	2.06	4730	1.83	0.97	4.8	25.2
S00301	5.75	17.9	0.44	0.9	0.067	0.02	3.1	22.4	3.45	1220	0.23	1.59	4.1	64.3
S00302	1.48	3.37	0.08	0.2	0.011	0.03	0.7	7.8	0.81	275	0.29	0.60	0.8	11.8
S00303	5.56	20.0	0.34	2.4	0.039	0.90	6.3	46.7	1.13	1510	0.28	1.62	1.1	41.1
S00304	0.85	5.53	0.28	0.9	0.012	0.36	4.0	8.4	0.25	222	0.30	0.69	0.6	11.0
S00305	5.97	13.5	0.42	2.4	0.037	1.05	3.7	27.8	0.37	2120	0.54	0.50	1.0	44.0
S00306	1.68	0.97	0.34	0.2	<0.005	0.10	0.6	2.2	<0.01	66	1.82	0.03	0.2	1.5
S00307	12.0	1.69	0.26	0.1	0.027	0.01	1.5	3.5	1.04	7350	1.45	<0.01	0.3	22.9
S00308	4.47	20.0	0.36	2.2	0.035	0.72	2.3	36.3	0.34	659	0.49	2.40	1.1	46.0
S00309	5.60	19.3	0.98	1.5	0.088	0.41	3.0	87.3	1.50	1370	0.57	1.85	1.8	53.2
S00310	6.68	17.3	0.95	1.0	0.083	0.01	4.1	31.4	1.07	2120	0.35	1.83	4.9	55.5
S00311	2.18	16.4	0.74	2.3	0.074	0.79	5.5	4.5	0.13	443	0.31	3.39	0.9	9.4
S00312	4.27	16.8	0.44	1.9	0.046	0.36	10.8	16.4	1.43	1290	0.66	2.22	5.6	61.8
S00313	4.59	15.4	0.87	1.9	0.058	0.81	12.5	27.0	3.03	1190	0.14	1.28	0.8	122
S00314	0.93	1.59	0.59	0.2	0.008	0.18	1.2	1.6	0.17	189	0.21	0.06	0.3	5.4

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AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Unit:	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description RDL:	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2
S00315	4.16	16.6	0.50	1.7	0.037	0.60	7.8	19.5	2.06	740	0.55	1.28	5.7	85.5
S00316	6.50	16.1	0.81	0.5	0.055	0.01	1.2	8.8	1.77	1400	0.34	1.38	2.5	111
S00317	6.40	15.6	0.62	0.8	0.098	0.04	1.4	18.7	1.37	1270	0.41	1.79	2.8	120
S00318	5.82	14.8	0.32	0.9	0.069	0.05	2.1	36.0	2.34	1550	0.17	3.52	3.4	126
S00319	5.91	16.1	0.36	0.8	0.059	0.08	2.2	11.8	1.40	1420	0.26	1.67	2.7	127
S00320	1.00	20.1	0.37	1.6	0.014	1.71	2.7	4.9	0.09	162	0.19	3.60	0.6	4.1
S00321	6.51	18.8	0.44	1.9	0.062	0.29	6.0	17.4	2.43	1170	0.44	1.92	5.2	98.1
S00322	7.45	16.1	0.54	0.9	0.066	0.05	1.6	11.8	2.19	1450	0.28	1.61	2.9	86.0
S00401	6.04	14.8	0.49	0.7	0.060	0.07	1.6	10.3	1.11	1800	0.20	1.91	2.8	127
S00402	5.87	16.6	0.57	2.2	0.039	0.99	2.6	40.7	0.86	773	1.24	1.33	1.2	49.7

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AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	10	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01
S00251	282	2.3	4.3	0.005	0.06	0.19	41.3	1.0	0.5	111	0.42	0.02	0.3	0.47
S00252	376	1.8	12.6	0.006	0.14	0.23	53.2	1.4	0.5	112	0.35	0.02	0.5	0.66
S00253	417	5.0	4.4	0.005	2.20	1.21	3.6	2.0	0.7	8.4	0.10	0.56	0.5	0.05
S00254	301	4.8	17.1	0.004	0.01	1.46	2.0	<0.5	0.3	178	0.05	<0.01	1.1	0.03
S00255	548	2.6	0.8	0.004	2.09	1.11	0.6	0.7	0.2	14.0	<0.05	0.28	<0.1	<0.01
S00256	171	8.9	8.8	0.005	13.2	3.90	6.0	10.3	0.4	3.3	0.09	5.93	0.4	0.04
S00257	192	8.1	9.8	0.005	10.9	3.77	7.1	9.5	0.4	3.6	0.08	7.20	0.5	0.03
S00258	514	1.7	32.2	0.004	0.96	1.47	8.3	0.8	0.5	13.6	0.32	0.43	0.4	0.25
S00259	358	64.2	1.4	0.006	5.99	11.2	4.3	3.5	0.8	5.7	0.20	0.79	0.8	0.11
S00260	460	6.2	2.9	0.005	3.90	1.86	9.9	0.7	0.6	23.9	0.33	0.06	0.9	0.18
S00261	117	5.5	3.5	0.004	0.41	1.96	0.6	0.7	0.2	3.0	<0.05	0.14	<0.1	<0.01
S00262	405	2.7	4.5	0.004	0.30	0.55	5.9	<0.5	2.1	18.1	0.31	0.03	0.9	0.15
S00263	269	1.5	0.7	0.005	0.16	0.17	43.0	1.2	0.6	137	0.28	0.03	0.2	0.61
S00264	75	0.9	6.0	0.004	0.12	0.15	2.3	<0.5	0.3	11.9	<0.05	0.02	0.3	0.03
S00265	135	5.6	24.9	0.004	0.42	0.18	24.2	0.6	0.3	202	0.27	0.06	0.1	0.20
S00266	181	2.6	8.2	0.003	<0.01	0.35	1.3	<0.5	0.3	201	0.11	<0.01	0.8	0.11
S00267	471	2.8	8.8	0.004	0.08	1.31	14.2	0.8	1.0	34.5	0.98	0.02	4.6	0.49
S00268	536	1.9	0.5	0.004	<0.01	0.35	3.7	<0.5	0.3	85.2	0.16	<0.01	1.1	0.05
S00269	226	3.8	1.7	0.006	0.31	0.12	41.7	1.3	0.5	100	0.23	0.03	0.2	0.40
S00270	371	1.8	2.1	0.003	<0.01	0.24	2.9	<0.5	0.6	82.0	0.32	<0.01	0.7	0.13
S00271	352	4.0	0.5	0.004	0.10	0.38	42.3	0.9	0.5	59.3	0.30	0.03	0.5	0.57
S00272	298	1.9	2.7	0.005	0.04	0.29	45.5	0.8	0.7	111	0.26	0.02	0.3	0.53
S00273	279	4.9	15.9	0.003	0.01	0.07	2.8	<0.5	0.5	418	0.17	<0.01	0.2	0.17
S00274	358	1.4	9.6	0.003	<0.01	0.41	2.6	<0.5	0.6	113	0.27	<0.01	0.6	0.09
S00275	70	2.4	28.5	0.004	<0.01	0.93	0.7	<0.5	3.3	42.4	0.80	<0.01	0.9	0.02
S00276	278	3.8	12.3	0.005	0.35	0.21	42.4	0.8	0.7	244	0.29	0.08	0.2	0.48
S00277	259	1.8	0.6	0.006	0.14	1.18	45.5	1.1	0.6	163	0.24	0.02	0.2	0.51
S00278	593	1.5	43.2	0.003	<0.01	1.46	12.5	<0.5	0.6	52.3	0.18	<0.01	0.5	0.21
S00279	142	3.8	1.9	0.004	0.02	2.31	32.3	0.6	0.4	168	0.25	0.03	0.1	0.20
S00280	481	3.4	0.7	0.003	<0.01	1.32	5.1	<0.5	0.9	186	0.38	<0.01	1.1	0.18
S00281	577	3.4	0.8	0.004	0.03	2.39	18.2	0.6	0.6	188	0.41	0.02	4.8	0.22
S00282	401	2.1	4.9	0.005	0.05	0.66	45.2	1.0	0.7	207	0.35	0.02	0.5	0.51

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FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	10	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01
S00283	47	1.9	64.0	0.003	<0.01	0.53	1.7	<0.5	2.4	57.8	0.84	<0.01	1.2	0.03
S00284	73	6.9	48.8	0.004	<0.01	0.50	1.9	<0.5	1.7	50.4	0.70	<0.01	2.0	0.03
S00285	1220	5.7	62.4	0.004	0.02	1.25	19.7	<0.5	0.7	123	0.14	0.02	2.3	0.06
S00286	234	0.9	8.0	0.004	0.10	1.43	33.8	0.5	0.2	136	0.14	0.01	0.2	0.07
S00287	305	2.5	8.4	0.003	<0.01	0.83	2.6	<0.5	0.7	135	0.19	<0.01	0.7	0.06
S00288	222	1.7	2.8	0.004	0.05	0.64	3.5	<0.5	0.2	124	0.06	<0.01	0.6	0.02
S00289	254	1.9	0.9	0.005	0.09	1.71	40.4	1.1	2.7	168	0.37	0.04	0.4	0.40
S00290	425	3.3	9.5	0.003	<0.01	0.29	2.3	<0.5	0.6	288	0.09	<0.01	0.6	0.08
S00291	598	4.0	96.4	0.004	0.43	3.02	29.4	0.8	0.5	591	0.20	0.04	1.5	0.05
S00292	1450	7.2	61.6	0.004	0.02	0.52	33.9	0.6	1.0	576	0.38	0.01	3.1	0.33
S00293	81	0.8	1.9	0.004	0.01	0.06	11.3	0.5	<0.2	8.5	0.73	0.01	0.2	0.05
S00294	274	6.7	23.1	0.004	<0.01	0.45	2.6	<0.5	0.4	243	0.11	<0.01	0.8	0.06
S00295	389	2.5	0.6	0.005	<0.01	2.84	38.5	0.8	0.6	410	0.40	0.02	0.5	0.37
S00296	856	3.6	28.3	0.004	<0.01	0.92	8.9	<0.5	0.7	135	0.15	0.01	0.7	0.11
S00297	1580	3.9	53.8	0.004	0.02	0.90	9.1	<0.5	1.3	52.0	0.20	0.02	1.5	0.14
S00298	645	2.4	9.6	0.004	0.02	0.59	21.7	0.7	1.8	317	0.52	0.03	1.1	0.41
S00299	1140	2.8	8.0	0.006	0.02	0.79	10.8	0.7	1.4	155	0.64	0.03	1.4	0.41
S00300	599	3.4	3.5	0.005	1.41	0.54	9.5	2.6	0.8	28.2	0.36	0.16	0.9	0.21
S00301	295	1.6	0.3	0.004	0.01	0.38	38.3	0.6	0.5	173	0.36	0.02	0.3	0.31
S00302	60	1.0	0.7	0.003	<0.01	0.06	6.6	<0.5	<0.2	23.1	0.05	<0.01	0.1	0.07
S00303	409	2.4	16.8	0.004	<0.01	0.13	11.6	<0.5	0.5	154	0.13	<0.01	0.9	0.07
S00304	304	2.3	10.1	0.003	<0.01	0.09	2.1	<0.5	0.2	64.2	<0.05	<0.01	0.4	0.02
S00305	634	9.5	23.9	0.004	0.05	0.21	4.9	<0.5	0.5	109	0.07	0.03	0.5	0.04
S00306	16	10.2	3.6	0.003	0.03	3.82	0.3	0.6	0.3	5.5	<0.05	0.06	0.1	<0.01
S00307	81	1.8	0.6	0.004	1.81	0.78	2.5	0.9	<0.2	33.4	<0.05	0.08	0.1	<0.01
S00308	511	2.6	7.5	0.003	<0.01	0.16	5.0	<0.5	0.5	119	0.08	<0.01	0.4	0.07
S00309	455	1.9	12.6	0.003	0.26	0.86	31.4	0.8	0.4	55.9	0.25	0.03	0.4	0.20
S00310	399	1.3	0.2	0.003	0.01	0.14	29.7	0.9	0.8	63.4	0.43	0.02	0.4	0.65
S00311	621	8.3	11.5	<0.002	0.25	0.72	3.1	<0.5	0.7	162	0.09	0.01	1.7	0.04
S00312	799	3.7	5.4	0.002	<0.01	0.09	15.3	<0.5	0.9	262	0.44	0.01	1.3	0.35
S00313	974	6.0	35.4	0.002	0.04	0.37	27.9	<0.5	0.4	322	0.20	0.01	1.9	0.03
S00314	112	2.3	7.0	0.003	<0.01	0.15	3.4	<0.5	<0.2	18.5	<0.05	<0.01	0.2	0.01

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	10	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01
S00315	627	3.6	11.2	<0.002	<0.01	0.14	15.8	<0.5	1.0	250	0.46	<0.01	1.0	0.33
S00316	211	1.9	0.3	0.002	0.10	0.96	20.9	0.8	0.5	120	0.24	<0.01	0.1	0.41
S00317	232	2.5	0.8	0.003	0.14	0.61	26.3	0.8	1.0	91.3	0.25	0.04	0.2	0.46
S00318	307	1.5	1.0	<0.002	0.02	0.20	20.9	0.5	0.5	65.5	0.36	0.01	0.2	0.53
S00319	274	13.2	0.8	0.003	0.13	4.03	33.3	0.9	0.5	141	0.22	0.02	0.2	0.50
S00320	250	5.1	27.5	<0.002	0.03	0.97	1.4	<0.5	0.4	192	0.07	<0.01	0.7	0.05
S00321	494	5.5	5.6	0.002	<0.01	0.31	20.6	0.6	1.0	260	0.44	0.01	0.8	0.53
S00322	260	3.4	0.8	0.003	0.04	1.30	22.5	0.6	0.7	112	0.25	0.01	0.2	0.51
S00401	264	1.7	0.9	0.003	0.11	0.17	23.4	0.9	0.5	104	0.23	0.01	0.2	0.49
S00402	454	3.2	13.0	<0.002	0.07	0.85	8.3	<0.5	0.5	52.2	0.11	0.04	0.6	0.10

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AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.005	0.5	0.1	0.1	0.5	0.5
S00251	0.02	0.058	254	0.9	16.9	83.7	31.6
S00252	0.06	0.113	363	0.6	27.5	92.1	57.1
S00253	0.04	0.128	26.6	1.8	6.8	79.6	27.7
S00254	0.26	0.143	30.1	0.7	1.6	45.4	74.7
S00255	<0.01	0.028	7.4	0.4	3.6	77.5	5.6
S00256	0.26	0.162	32.0	0.4	2.4	34.6	37.0
S00257	0.18	0.155	33.7	0.2	2.5	26.8	33.5
S00258	0.27	0.275	112	0.5	2.2	42.8	107
S00259	0.11	0.261	44.1	0.3	4.8	32.1	43.4
S00260	0.06	0.393	71.3	0.2	6.5	94.3	97.1
S00261	0.02	0.031	4.2	0.3	1.1	117	7.1
S00262	0.05	0.304	30.3	0.5	6.1	83.1	108
S00263	<0.01	0.051	332	0.2	16.3	88.2	39.1
S00264	<0.01	0.042	67.8	<0.1	5.2	53.1	13.9
S00265	0.47	0.026	142	0.5	7.7	48.7	9.6
S00266	0.08	0.233	24.6	1.4	1.4	20.4	73.7
S00267	0.08	1.06	129	0.4	12.9	77.2	110
S00268	0.02	0.220	42.0	<0.1	8.1	10.1	79.8
S00269	0.01	0.057	235	0.2	14.5	65.5	32.2
S00270	0.05	0.095	40.7	<0.1	4.1	15.0	114
S00271	<0.01	0.114	278	<0.1	18.7	88.7	42.3
S00272	0.01	0.072	285	<0.1	17.4	84.8	33.2
S00273	0.28	0.086	33.8	<0.1	1.7	37.2	15.0
S00274	0.12	0.126	41.4	<0.1	3.3	20.4	152
S00275	0.08	0.214	2.3	0.3	7.7	5.7	51.4
S00276	0.18	0.072	262	0.8	18.2	79.5	43.8
S00277	<0.01	0.061	260	<0.1	19.1	67.1	33.8
S00278	0.19	0.094	145	0.1	4.8	54.1	91.1
S00279	<0.01	0.034	159	<0.1	9.7	87.2	16.0
S00280	0.02	0.226	52.5	0.2	4.8	76.2	103
S00281	<0.01	1.10	161	<0.1	13.8	117	108
S00282	0.03	0.118	310	0.1	22.2	90.5	61.7

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AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.005	0.5	0.1	0.1	0.5	0.5
S00283	0.16	0.364	5.0	0.3	6.3	20.1	50.2
S00284	0.12	0.407	4.6	0.1	8.3	61.2	64.3
S00285	0.28	0.630	168	<0.1	10.6	99.6	96.2
S00286	0.06	0.029	235	<0.1	2.7	76.8	12.2
S00287	0.15	0.133	41.5	<0.1	2.5	50.1	91.5
S00288	0.01	0.090	34.7	<0.1	4.8	23.5	35.0
S00289	0.02	0.074	243	0.1	16.9	55.4	37.2
S00290	0.08	0.210	47.2	<0.1	1.6	31.7	44.0
S00291	0.31	0.404	134	<0.1	15.1	30.2	57.7
S00292	0.36	0.964	173	0.3	19.8	72.0	101
S00293	<0.01	0.077	51.3	<0.1	3.1	19.1	12.7
S00294	0.30	0.158	42.7	<0.1	2.2	42.1	76.4
S00295	<0.01	0.107	222	<0.1	27.4	64.9	40.0
S00296	0.13	0.216	150	<0.1	4.5	109	96.1
S00297	0.19	0.472	36.8	<0.1	10.4	75.7	224
S00298	0.09	0.286	150	0.7	17.5	58.9	112
S00299	0.06	0.313	96.4	2.2	19.4	60.4	149
S00300	0.02	0.336	92.9	0.7	8.6	81.4	115
S00301	<0.01	0.089	212	<0.1	22.0	58.7	24.9
S00302	<0.01	0.034	41.8	<0.1	4.0	13.4	5.6
S00303	0.08	0.253	125	<0.1	5.1	69.3	94.7
S00304	0.04	0.119	24.7	<0.1	2.3	15.9	35.1
S00305	0.19	0.366	45.7	<0.1	3.8	101	98.0
S00306	0.17	0.063	3.5	<0.1	0.6	1.5	5.8
S00307	<0.01	0.069	24.5	<0.1	4.9	184	5.5
S00308	0.05	0.134	97.6	<0.1	1.7	71.0	87.1
S00309	0.11	0.136	350	<0.1	15.0	88.2	62.0
S00310	<0.01	0.145	328	<0.1	16.1	98.5	27.5
S00311	0.25	0.358	36.4	<0.1	3.0	49.9	86.3
S00312	0.04	0.320	122	<0.1	12.3	65.5	70.1
S00313	0.24	0.641	157	<0.1	8.8	68.7	76.9
S00314	0.04	0.059	19.7	<0.1	1.0	9.9	9.2

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AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.005	0.5	0.1	0.1	0.5	0.5
S00315	0.05	0.313	132	<0.1	8.7	60.6	67.6
S00316	<0.01	0.047	237	0.1	8.2	64.8	13.7
S00317	0.02	0.085	245	<0.1	9.9	187	25.5
S00318	0.01	0.063	268	0.6	6.7	65.4	28.1
S00319	0.02	0.060	264	<0.1	13.8	129	22.8
S00320	0.33	0.200	24.4	<0.1	1.1	25.3	53.0
S00321	0.03	0.249	227	<0.1	14.0	78.8	74.3
S00322	0.01	0.067	264	<0.1	9.7	82.8	26.3
S00401	0.02	0.067	243	<0.1	9.4	70.4	24.3
S00402	0.17	0.422	131	1.2	2.5	76.3	82.4

Comments: RDL - Reported Detection Limit
3814618-3814691 As, Sb values may be low due to digestion losses.

Certified By:

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AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
S00251	0.001
S00252	<0.001
S00253	0.013
S00254	<0.001
S00255	0.068
S00256	0.007
S00257	0.006
S00258	<0.001
S00259	0.148
S00260	0.008
S00261	0.028
S00262	<0.001
S00263	<0.001
S00264	<0.001
S00265	0.001
S00266	0.059
S00267	0.001
S00268	<0.001
S00269	0.005
S00270	<0.001
S00271	0.002
S00272	<0.001
S00273	<0.001
S00274	<0.001
S00275	<0.001
S00276	<0.001
S00277	0.003
S00278	<0.001
S00279	0.003
S00280	<0.001
S00281	0.186
S00282	0.001

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AGAT WORK ORDER: 12T652376

PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
S00283	0.020
S00284	<0.001
S00285	<0.001
S00286	<0.001
S00287	0.001
S00288	<0.001
S00289	0.002
S00290	<0.001
S00291	0.001
S00292	<0.001
S00293	<0.001
S00294	<0.001
S00295	0.002
S00296	<0.001
S00297	<0.001
S00298	0.006
S00299	0.004
S00300	0.016
S00301	<0.001
S00302	<0.001
S00303	0.001
S00304	<0.001
S00305	0.001
S00306	0.001
S00307	0.003
S00308	<0.001
S00309	<0.001
S00310	0.002
S00311	<0.001
S00312	<0.001
S00313	0.017
S00314	<0.001

Certified By:

Results relate only to the items tested and to all the items tested

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12T652376
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Oct 15, 2012 | DATE RECEIVED: Oct 16, 2012 | DATE REPORTED: Oct 26, 2012 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
S00315	<0.001
S00316	0.001
S00317	<0.001
S00318	<0.001
S00319	0.002
S00320	<0.001
S00321	0.003
S00322	<0.001
S00401	0.003
S00402	0.029

Comments: RDL - Reported Detection Limit

Certified By:

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CANADA L4Z 1N9
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FAX (905)501-0589
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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12T652376
PROJECT NO:
ATTENTION TO: JOHN FLOREK

Solid Analysis

RPT Date: Oct 26, 2012

PARAMETER	Batch	REPLICATE				Method Blank	REFERENCE MATERIAL				
		Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3814618	0.225	0.195	14.3%	< 0.01	12.2	13.0	94%	80%	120%
Al	1	3814618	6.85	6.42	6.5%	< 0.01				80%	120%
As	1	3814618	2.5	1.7		< 0.2				80%	120%
Ba	1	3814618	139	129	7.5%	< 1				80%	120%
Be	1	3814618	0.219	0.237	7.9%	< 0.05	0.4	0.4	103%	80%	120%
Bi	1	3814618	0.02	0.01		< 0.01				80%	120%
Ca	1	3814618	6.66	6.49	2.6%	< 0.01				80%	120%
Cd	1	3814618	0.145	0.152	4.7%	< 0.02				80%	120%
Ce	1	3814618	6.94	6.79	2.2%	< 0.01				80%	120%
Co	1	3814618	50.7	51.1	0.8%	< 0.05				80%	120%
Cr	1	3814618	202	197	2.5%	< 0.5				80%	120%
Cs	1	3814618	0.50	0.46	8.3%	< 0.01				80%	120%
Cu	1	3814618	120	121	0.8%	< 0.2				80%	120%
Fe	1	3814618	8.14	7.80	4.3%	< 0.01				80%	120%
Ga	1	3814618	17.0	17.2	1.2%	< 0.05				80%	120%
Ge	1	3814618	0.95	1.01	6.1%	< 0.05				80%	120%
Hf	1	3814618	1.1	1.1	0.0%	< 0.1				80%	120%
In	1	3814618	0.064	0.064	0.0%	< 0.005				80%	120%
K	1	3814618	0.05	0.05	0.0%	< 0.01				80%	120%
La	1	3814618	2.57	2.48	3.6%	< 0.5				80%	120%
Li	1	3814618	32.6	31.6	3.1%	< 0.1				80%	120%
Mg	1	3814618	2.66	2.42	9.4%	< 0.01				80%	120%
Mn	1	3814618	1810	1810	0.0%	< 1				80%	120%
Mo	1	3814618	0.62	0.51	19.5%	0.05	339	360	94%	80%	120%
Na	1	3814618	1.60	1.54	3.8%	< 0.01				80%	120%
Nb	1	3814618	3.7	3.6	2.7%	< 0.1				80%	120%
Ni	1	3814618	104	105	1.0%	0.3				80%	120%
P	1	3814618	282	294	4.2%	< 10	620	600	103%	80%	120%
Pb	1	3814618	2.3	2.3	0.0%	0.3				80%	120%
Rb	1	3814618	4.3	4.0	7.2%	< 0.1				80%	120%
Re	1	3814618	0.0053	0.0055	3.7%	0.002				80%	120%
S	1	3814618	0.057	0.048	17.1%	< 0.01				80%	120%
Sb	1	3814618	0.19	0.17	11.1%	< 0.05				80%	120%
Sc	1	3814618	41.3	39.8	3.7%	< 0.1				80%	120%
Se	1	3814618	1.0	1.0	0.0%	< 0.5				80%	120%
Sn	1	3814618	0.5	0.5	0.0%	< 0.2				80%	120%
Sr	1	3814618	111	112	0.9%	< 0.2	424	390	109%	80%	120%
Ta	1	3814618	0.417	0.380	9.3%	< 0.05				80%	120%
Te	1	3814618	0.024	0.025	4.1%	< 0.01				80%	120%
Th	1	3814618	0.27	0.23	16.0%	< 0.1	1.5	1.4	107%	80%	120%
Ti	1	3814618	0.47	0.46	2.2%	< 0.01				80%	120%
Tl	1	3814618	0.016	0.014	13.3%	< 0.01				80%	120%
U	1	3814618	0.0579	0.0564	2.6%	< 0.005				80%	120%
V	1	3814618	254	260	2.3%	< 0.5				80%	120%

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12T652376
PROJECT NO:
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Oct 26, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
W	1	3814618	0.9	0.8	11.8%	0.8				80%	120%
Y	1	3814618	16.9	16.7	1.2%	< 0.1				80%	120%
Zn	1	3814618	83.7	83.7	0.0%	1.8				80%	120%
Zr	1	3814618	31.6	34.1	7.6%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3814635	0.104	0.128	20.7%	< 0.01	12	13.0	93%	80%	120%
Al	1	3814635	3.14	3.10	1.3%	< 0.01				80%	120%
As	1	3814635	1.6	1.6	0.0%	0.2				80%	120%
Ba	1	3814635	37	38	2.7%	< 1				80%	120%
Be	1	3814635	0.668	0.675	1.0%	< 0.05	0.3	0.4	80%	80%	120%
Bi	1	3814635	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ca	1	3814635	2.22	2.24	0.9%	< 0.01				80%	120%
Cd	1	3814635	0.081	0.087	7.1%	< 0.02				80%	120%
Ce	1	3814635	14.2	13.8	2.9%	0.01				80%	120%
Co	1	3814635	4.31	3.71	15.0%	< 0.05				80%	120%
Cr	1	3814635	27.3	32.7	18.0%	< 0.5				80%	120%
Cs	1	3814635	0.08	0.07	13.3%	< 0.01				80%	120%
Cu	1	3814635	4.71	4.78	1.5%	< 0.2	5825	6000	97%	80%	120%
Fe	1	3814635	1.54	1.61	4.4%	< 0.01				80%	120%
Ga	1	3814635	11.8	11.7	0.9%	< 0.05				80%	120%
Ge	1	3814635	0.272	0.310	13.1%	< 0.05				80%	120%
Hf	1	3814635	2.20	2.27	3.1%	< 0.1				80%	120%
In	1	3814635	0.036	0.036	0.0%	< 0.005				80%	120%
K	1	3814635	0.04	0.04	0.0%	< 0.01				80%	120%
La	1	3814635	7.90	7.84	0.8%	< 0.5				80%	120%
Li	1	3814635	1.78	1.42	22.5%	< 0.1				80%	120%
Mg	1	3814635	0.316	0.300	5.2%	< 0.01				80%	120%
Mn	1	3814635	1210	1220	0.8%	< 1				80%	120%
Mo	1	3814635	1.49	1.54	3.3%	< 0.05	309	360	85%	80%	120%
Na	1	3814635	2.80	2.86	2.1%	< 0.01				80%	120%
Nb	1	3814635	1.67	1.58	5.5%	< 0.1				80%	120%
Ni	1	3814635	6.3	6.5	3.1%	< 0.2				80%	120%
P	1	3814635	536	557	3.8%	< 10	569	600	95%	80%	120%
Pb	1	3814635	1.9	1.9	0.0%	0.3				80%	120%
Rb	1	3814635	0.50	0.43	15.1%	< 0.1				80%	120%
Re	1	3814635	0.004	0.004	0.0%	0.003				80%	120%
S	1	3814635	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Sb	1	3814635	0.35	0.35	0.0%	< 0.05				80%	120%
Sc	1	3814635	3.69	3.65	1.1%	< 0.1				80%	120%
Se	1	3814635	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Sn	1	3814635	0.27	0.22	20.4%	< 0.2				80%	120%
Sr	1	3814635	85.2	79.0	7.6%	< 0.2	430	390	110%	80%	120%
Ta	1	3814635	0.16	0.14	13.3%	< 0.05				80%	120%
Te	1	3814635	< 0.01	< 0.01	0.0%	0.01				80%	120%

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CANADA L4Z 1N9
TEL (905)501-9998
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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12T652376

PROJECT NO:

ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Oct 26, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Th	1	3814635	1.1	1.1	0.0%	< 0.1	1.4	1.4	100%	80%	120%
Ti	1	3814635	0.05	0.05	0.0%	< 0.01				80%	120%
Tl	1	3814635	0.02	0.02	0.0%	< 0.01				80%	120%
U	1	3814635	0.220	0.215	2.3%	< 0.005				80%	120%
V	1	3814635	42.0	43.0	2.4%	< 0.5				80%	120%
W	1	3814635	< 0.1	< 0.1	0.0%	< 0.1				80%	120%
Y	1	3814635	8.1	8.1	0.0%	< 0.1	8	7	114%	80%	120%
Zn	1	3814635	10.1	10.3	2.0%	0.7				80%	120%
Zr	1	3814635	79.8	78.8	1.3%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3814643	0.34	0.22		< 0.01	12.1	13.0	93%	80%	120%
Al	1	3814643	8.04	8.26	2.7%	< 0.01				80%	120%
As	1	3814643	1.61	1.52	5.8%	< 0.2				80%	120%
Ba	1	3814643	155	155	0.0%	< 1				80%	120%
Be	1	3814643	0.265	0.276	4.1%	< 0.05	0.4	0.4	102%	80%	120%
Bi	1	3814643	0.08	0.08	0.0%	< 0.01				80%	120%
Ca	1	3814643	8.48	8.63	1.8%	< 0.01				80%	120%
Cd	1	3814643	0.07	0.07	0.0%	< 0.02				80%	120%
Ce	1	3814643	7.50	7.44	0.8%	< 0.01				80%	120%
Co	1	3814643	53.8	54.7	1.7%	< 0.05				80%	120%
Cr	1	3814643	272	272	0.0%	< 0.5				80%	120%
Cs	1	3814643	0.40	0.41	2.5%	< 0.01				80%	120%
Cu	1	3814643	66.5	68.1	2.4%	< 0.2	6090	6000	101%	80%	120%
Fe	1	3814643	8.35	8.37	0.2%	< 0.01				80%	120%
Ga	1	3814643	17.5	17.7	1.1%	< 0.05				80%	120%
Ge	1	3814643	0.642	0.554	14.7%	< 0.05				80%	120%
Hf	1	3814643	1.3	1.3	0.0%	< 0.1				80%	120%
In	1	3814643	0.0638	0.0646	1.2%	< 0.005				80%	120%
K	1	3814643	0.361	0.381	5.4%	< 0.01				80%	120%
La	1	3814643	3.2	3.2	0.0%	< 0.5				80%	120%
Li	1	3814643	9.6	10.1	5.1%	< 0.1				80%	120%
Mg	1	3814643	4.22	4.44	5.1%	< 0.01				80%	120%
Mn	1	3814643	1560	1610	3.2%	< 1				80%	120%
Mo	1	3814643	0.494	0.444	10.7%	< 0.05	322	360	89%	80%	120%
Na	1	3814643	1.67	1.67	0.0%	< 0.01				80%	120%
Nb	1	3814643	3.4	3.3	3.0%	< 0.1				80%	120%
Ni	1	3814643	120	120	0.0%	< 0.2				80%	120%
P	1	3814643	278	274	1.4%	< 10	606	600	101%	80%	120%
Pb	1	3814643	3.8	2.7		< 0.1				80%	120%
Rb	1	3814643	12.3	13.2	7.1%	< 0.1				80%	120%
Re	1	3814643	0.005	0.005	0.0%	< 0.002				80%	120%
S	1	3814643	0.347	0.331	4.7%	< 0.01	0.93	0.80	116%	80%	120%
Sb	1	3814643	0.21	0.23	9.1%	< 0.05				80%	120%
Sc	1	3814643	42.4	43.9	3.5%	< 0.1				80%	120%

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CANADA L4Z 1N9
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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12T652376
PROJECT NO:
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Oct 26, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Se	1	3814643	0.79	0.85	7.3%	< 0.5				80%	120%
Sn	1	3814643	0.69	0.61	12.3%	< 0.2				80%	120%
Sr	1	3814643	244	250	2.4%	< 0.2	410	390	105%	80%	120%
Ta	1	3814643	0.29	0.29	0.0%	< 0.05				80%	120%
Te	1	3814643	0.080	0.087	8.4%	< 0.01				80%	120%
Th	1	3814643	0.2	0.2	0.0%	< 0.1				80%	120%
Ti	1	3814643	0.482	0.487	1.0%	< 0.01				80%	120%
Tl	1	3814643	0.18	0.18	0.0%	< 0.01				80%	120%
U	1	3814643	0.072	0.067	7.2%	< 0.005				80%	120%
V	1	3814643	262	261	0.4%	< 0.5				80%	120%
W	1	3814643	0.8	0.8	0.0%	< 0.1				80%	120%
Y	1	3814643	18.2	18.9	3.8%	< 0.1	8	7	107%	80%	120%
Zn	1	3814643	79.5	79.5	0.0%	< 0.5				80%	120%
Zr	1	3814643	43.8	42.5	3.0%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3814655	0.139	0.130	6.7%	< 0.01	12.5	13.0	96%	80%	120%
Al	1	3814655	3.12	3.19	2.2%	< 0.01				80%	120%
As	1	3814655	5.3	4.5	16.3%	< 0.2				80%	120%
Ba	1	3814655	46	46	0.0%	< 1				80%	120%
Be	1	3814655	0.98	1.01	3.0%	< 0.05	0.4	0.4	108%	80%	120%
Bi	1	3814655	0.02	0.02	0.0%	< 0.01				80%	120%
Ca	1	3814655	2.77	2.72	1.8%	< 0.01				80%	120%
Cd	1	3814655	0.04	0.04	0.0%	< 0.02				80%	120%
Ce	1	3814655	17.2	18.0	4.5%	< 0.01				80%	120%
Co	1	3814655	5.86	5.87	0.2%	< 0.05				80%	120%
Cr	1	3814655	35.9	37.3	3.8%	< 0.5				80%	120%
Cs	1	3814655	0.295	0.297	0.7%	< 0.01				80%	120%
Cu	1	3814655	2.0	1.9	5.1%	< 0.2				80%	120%
Fe	1	3814655	1.89	1.90	0.5%	< 0.01				80%	120%
Ga	1	3814655	12.3	12.2	0.8%	< 0.05				80%	120%
Ge	1	3814655	0.491	0.576	15.9%	< 0.05				80%	120%
Hf	1	3814655	1.0	1.0	0.0%	< 0.1				80%	120%
In	1	3814655	0.023	0.024	4.3%	< 0.005				80%	120%
K	1	3814655	0.108	0.104	3.8%	< 0.01				80%	120%
La	1	3814655	8.14	8.32	2.2%	< 0.5				80%	120%
Li	1	3814655	14.0	14.4	2.8%	< 0.1				80%	120%
Mg	1	3814655	0.64	0.65	1.6%	< 0.01				80%	120%
Mn	1	3814655	502	511	1.8%	< 1				80%	120%
Mo	1	3814655	0.19	0.19	0.0%	< 0.05	342	360	95%	80%	120%
Na	1	3814655	1.67	1.62	3.0%	< 0.01				80%	120%
Nb	1	3814655	0.7	0.7	0.0%	< 0.1				80%	120%
Ni	1	3814655	9.9	10.2	3.0%	< 0.2				80%	120%
P	1	3814655	222	249	11.5%	< 10	640	600	107%	80%	120%
Pb	1	3814655	1.66	1.61	3.1%	< 0.1				80%	120%

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12T652376
PROJECT NO:
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Oct 26, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Rb	1	3814655	2.81	3.09	9.5%	< 0.1				80%	120%
Re	1	3814655	0.004	0.004	0.0%	< 0.002				80%	120%
S	1	3814655	0.05	0.05	0.0%	< 0.01				80%	120%
Sb	1	3814655	0.64	0.41		< 0.05				80%	120%
Sc	1	3814655	3.53	3.70	4.7%	< 0.1				80%	120%
Se	1	3814655	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Sn	1	3814655	0.2	0.2	0.0%	< 0.2				80%	120%
Sr	1	3814655	124	123	0.8%	< 0.2	437	390	112%	80%	120%
Ta	1	3814655	0.064	0.066	3.1%	< 0.05				80%	120%
Te	1	3814655	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Th	1	3814655	0.6	0.6	0.0%	< 0.1	1.3	1.4	93%	80%	120%
Ti	1	3814655	0.02	0.02	0.0%	< 0.01				80%	120%
Tl	1	3814655	0.01	0.01	0.0%	< 0.01				80%	120%
U	1	3814655	0.0897	0.0945	5.2%	< 0.005				80%	120%
V	1	3814655	34.7	35.8	3.1%	< 0.5				80%	120%
W	1	3814655	< 0.1	< 0.1	0.0%	< 0.1				80%	120%
Y	1	3814655	4.8	4.7	2.1%	< 0.1	8	7	114%	80%	120%
Zn	1	3814655	23.5	24.2	2.9%	< 0.5				80%	120%
Zr	1	3814655	35.0	35.6	1.7%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3814668	0.182	0.173	5.1%	< 0.01				80%	120%
Al	1	3814668	6.43	7.36	13.5%	< 0.01				80%	120%
As	1	3814668	13.7	13.4	2.2%	< 0.2				80%	120%
Ba	1	3814668	20	23	14.0%	< 1				80%	120%
Be	1	3814668	0.320	0.312	2.5%	< 0.05				80%	120%
Bi	1	3814668	0.01	0.01	0.0%	< 0.01				80%	120%
Ca	1	3814668	4.90	5.71	15.3%	< 0.01				80%	120%
Cd	1	3814668	0.069	0.075	8.3%	< 0.02				80%	120%
Ce	1	3814668	8.42	8.33	1.1%	< 0.01				80%	120%
Co	1	3814668	30.8	30.6	0.7%	< 0.05				80%	120%
Cr	1	3814668	406	395	2.7%	< 0.5				80%	120%
Cs	1	3814668	0.070	0.064	9.0%	< 0.01				80%	120%
Cu	1	3814668	25.4	25.8	1.6%	< 0.2				80%	120%
Fe	1	3814668	5.75	6.36	10.1%	< 0.01				80%	120%
Ga	1	3814668	17.9	17.7	1.1%	< 0.05				80%	120%
Ge	1	3814668	0.44	0.64		< 0.05				80%	120%
Hf	1	3814668	0.86	0.81	6.0%	< 0.1				80%	120%
In	1	3814668	0.0670	0.0686	2.4%	< 0.005				80%	120%
K	1	3814668	0.02	0.02	0.0%	< 0.01				80%	120%
La	1	3814668	3.1	3.1	0.0%	< 0.5				80%	120%
Li	1	3814668	22.4	21.7	3.2%	< 0.1				80%	120%
Mg	1	3814668	3.45	3.87	11.5%	< 0.01				80%	120%
Mn	1	3814668	1220	1180	3.3%	< 1				80%	120%
Mo	1	3814668	0.233	0.203	13.8%	< 0.05				80%	120%

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12T652376
PROJECT NO:
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Oct 26, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Na	1	3814668	1.59	1.86	15.7%	< 0.01				80%	120%
Nb	1	3814668	4.1	4.0	2.5%	< 0.1				80%	120%
Ni	1	3814668	64.3	64.5	0.3%	< 0.2				80%	120%
P	1	3814668	295	299	1.3%	< 10				80%	120%
Pb	1	3814668	1.64	1.76	7.1%	< 0.1				80%	120%
Rb	1	3814668	0.27	0.24	11.8%	< 0.1				80%	120%
Re	1	3814668	0.004	0.004	0.0%	< 0.002				80%	120%
S	1	3814668	0.01	< 0.01		< 0.01				80%	120%
Sb	1	3814668	0.378	0.364	3.8%	< 0.05				80%	120%
Sc	1	3814668	38.3	36.8	4.0%	< 0.1				80%	120%
Se	1	3814668	0.6	0.6	0.0%	< 0.5				80%	120%
Sn	1	3814668	0.5	0.5	0.0%	< 0.2				80%	120%
Sr	1	3814668	173	173	0.0%	< 0.2				80%	120%
Ta	1	3814668	0.36	0.36	0.0%	< 0.05				80%	120%
Te	1	3814668	0.02	0.02	0.0%	< 0.01				80%	120%
Th	1	3814668	0.3	0.3	0.0%	< 0.1				80%	120%
Ti	1	3814668	0.31	0.34	9.2%	< 0.01				80%	120%
Tl	1	3814668	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
U	1	3814668	0.089	0.088	1.1%	< 0.005				80%	120%
V	1	3814668	212	205	3.4%	< 0.5				80%	120%
W	1	3814668	< 0.1	< 0.1	0.0%	< 0.1				80%	120%
Y	1	3814668	22.0	21.0	4.7%	< 0.1				80%	120%
Zn	1	3814668	58.7	59.0	0.5%	< 0.5				80%	120%
Zr	1	3814668	24.9	23.5	5.8%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3814691	0.47	0.37	23.8%	< 0.01				80%	120%
Al	1	3814691	3.00	3.19	6.1%	< 0.01				80%	120%
As	1	3814691	233	213	9.0%	< 0.2				80%	120%
Ba	1	3814691	181	198	9.0%	< 1				80%	120%
Be	1	3814691	0.882	0.899	1.9%	< 0.05				80%	120%
Bi	1	3814691	0.085	0.083	2.4%	< 0.01				80%	120%
Ca	1	3814691	0.36	0.39	8.0%	< 0.01				80%	120%
Cd	1	3814691	0.09	0.09	0.0%	< 0.02				80%	120%
Ce	1	3814691	7.62	10.0	27.0%	< 0.01				80%	120%
Co	1	3814691	22.5	22.6	0.4%	< 0.05				80%	120%
Cr	1	3814691	94.7	98.4	3.8%	< 0.5				80%	120%
Cs	1	3814691	0.749	0.926	21.1%	< 0.01				80%	120%
Cu	1	3814691	37.9	39.0	2.9%	< 0.2				80%	120%
Fe	1	3814691	5.87	6.03	2.7%	< 0.01				80%	120%
Ga	1	3814691	16.6	16.5	0.6%	< 0.05				80%	120%
Ge	1	3814691	0.57	0.50	13.1%	< 0.05				80%	120%
Hf	1	3814691	2.22	2.28	2.7%	< 0.1				80%	120%
In	1	3814691	0.039	0.038	2.6%	< 0.005				80%	120%
K	1	3814691	0.993	1.11	11.1%	< 0.01				80%	120%

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12T652376
PROJECT NO:
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Oct 26, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
La	1	3814691	2.6	3.3		< 0.5				80%	120%
Li	1	3814691	40.7	43.4	6.4%	< 0.1				80%	120%
Mg	1	3814691	0.862	1.06	20.6%	< 0.01				80%	120%
Mn	1	3814691	773	736	4.9%	< 1				80%	120%
Mo	1	3814691	1.24	1.16	6.7%	< 0.05				80%	120%
Na	1	3814691	1.33	1.42	6.5%	< 0.01				80%	120%
Nb	1	3814691	1.2	1.3	8.0%	< 0.1				80%	120%
Ni	1	3814691	49.7	55.7	11.4%	< 0.2				80%	120%
P	1	3814691	454	470	3.5%	< 10				80%	120%
Pb	1	3814691	3.2	3.1	3.2%	< 0.1				80%	120%
Rb	1	3814691	13.0	15.4	16.9%	< 0.1				80%	120%
Re	1	3814691	< 0.002	0.003		< 0.002				80%	120%
S	1	3814691	0.07	0.07	0.0%	< 0.01				80%	120%
Sb	1	3814691	0.85	0.85	0.0%	< 0.05				80%	120%
Sc	1	3814691	8.3	8.8	5.8%	< 0.1				80%	120%
Se	1	3814691	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Sn	1	3814691	0.5	0.5	0.0%	< 0.2				80%	120%
Sr	1	3814691	52.2	51.0	2.3%	< 0.2				80%	120%
Ta	1	3814691	0.113	0.120	6.0%	< 0.05				80%	120%
Te	1	3814691	0.039	0.034	13.7%	< 0.01				80%	120%
Th	1	3814691	0.64	0.84	27.0%	< 0.1				80%	120%
Ti	1	3814691	0.10	0.11	9.5%	< 0.01				80%	120%
Tl	1	3814691	0.172	0.192	11.0%	< 0.01				80%	120%
U	1	3814691	0.422	0.435	3.0%	< 0.005				80%	120%
V	1	3814691	131	133	1.5%	< 0.5				80%	120%
W	1	3814691	1.22	1.49	19.9%	< 0.1				80%	120%
Y	1	3814691	2.5	3.5		< 0.1				80%	120%
Zn	1	3814691	76.3	79.4	4.0%	< 0.5				80%	120%
Zr	1	3814691	82.4	85.3	3.5%	< 0.5				80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3814618	0.001	< 0.001		< 0.001	0.265	0.263	101%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3814630	< 0.001	< 0.001	0.0%	< 0.001	0.267	0.263	101%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3814643	< 0.001	< 0.001	0.0%	< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3814655	< 0.001	< 0.001	0.0%	< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3814668	< 0.001	0.005		< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3814680	0.017	< 0.001		< 0.001				90%	110%

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CANADA L4Z 1N9
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FAX (905)501-0589
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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12T652376

PROJECT NO:

ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Oct 26, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3814691	0.0291	0.0310	6.3%	< 0.001				90%	110%

Certified By:

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Method Summary

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12T652376

PROJECT NO:

ATTENTION TO: JOHN FLOREK

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12020		ICP-MS
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP-MS
Ba	MIN-200-12020		ICP-MS
Be	MIN-200-12020		ICP-MS
Bi	MIN-200-12020		ICP-MS
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP-MS
Ce	MIN-200-12020		ICP-MS
Co	MIN-200-12020		ICP-MS
Cr	MIN-200-12020		ICP/OES
Cs	MIN-200-12020		ICP-MS
Cu	MIN-200-12020		ICP-MS
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP-MS
Ge	MIN-200-12020		ICP-MS
Hf	MIN-200-12020		ICP-MS
In	MIN-200-12020		ICP-MS
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP-MS
Li	MIN-200-12020		ICP-MS
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP-MS
Na	MIN-200-12020		ICP/OES
Nb	MIN-200-12020		ICP-MS
Ni	MIN-200-12020		ICP-MS
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP-MS
Rb	MIN-200-12020		ICP-MS
Re	MIN-200-12020		ICP-MS
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP-MS
Sc	MIN-200-12020		ICP-MS
Se	MIN-200-12020		ICP-MS
Sn	MIN-200-12020		ICP-MS
Sr	MIN-200-12020		ICP-MS
Ta	MIN-200-12020		ICP-MS
Te	MIN-200-12020		ICP-MS
Th	MIN-200-12020		ICP-MS
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP-MS
U	MIN-200-12020		ICP-MS
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP-MS
Y	MIN-200-12020		ICP-MS
Zn	MIN-200-12020		ICP-MS
Zr	MIN-200-12020		ICP-MS

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Method Summary

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12T652376

PROJECT NO:

ATTENTION TO: JOHN FLOREK

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: ENTOURAGE METALS LTD
BOX 1178
MARATHON, ON P0T2E0
(807) 229-9719

ATTENTION TO: JOHN FLOREK

PROJECT NO:

AGAT WORK ORDER: 12T655957

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Nov 02, 2012

PAGES (INCLUDING COVER): 23

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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CANADA L4Z 1N9
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Certificate of Analysis

AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2
323	1.64	0.12	2.25	2.0	588	0.57	0.08	0.71	0.08	15.2	12.1	45.6	0.65	1.3
324	5.11	0.17	1.94	<0.2	69	0.30	0.03	7.76	0.19	3.59	22.9	62.5	0.65	33.9
325	1.45	0.12	5.19	0.3	31	0.12	0.12	4.09	0.11	9.83	39.7	110	0.19	164
326	2.22	0.17	5.43	0.5	20	0.18	0.19	3.64	0.10	8.93	43.6	84.6	0.30	123
327	2.14	0.95	3.40	2.3	63	0.37	0.55	5.89	0.17	9.06	40.1	127	0.40	98.0
328	.75	0.20	5.58	3.2	32	0.19	0.05	2.34	0.10	6.88	50.9	222	0.19	117
329	1.55	0.14	4.75	2.5	12	0.20	0.14	5.60	0.14	9.62	47.9	227	0.24	113
330	1.53	0.13	5.58	3.7	10	0.13	0.01	5.97	0.09	5.09	45.1	228	0.13	85.2
331	.88	0.09	3.10	<0.2	35	0.12	<0.01	9.05	0.13	4.51	31.3	142	0.43	62.8
332	1.41	0.14	4.19	4.9	602	0.19	0.02	3.31	0.11	3.22	47.6	191	1.22	156
333	1.08	0.18	3.80	2.8	331	0.59	0.02	2.76	0.11	15.0	39.4	444	0.46	43.4
334	2.35	0.11	4.07	4.2	13	0.12	<0.01	1.20	0.05	1.67	52.1	266	0.10	63.0
450	1.96	0.16	0.79	0.8	68	0.40	0.11	0.11	0.09	6.43	5.26	47.0	13.1	104
560	1.14	0.13	1.10	2.1	93	0.15	0.01	0.83	0.05	1.68	37.6	91.1	0.28	96.8
561	2.56	0.34	0.55	23.5	20	0.10	0.29	0.04	0.16	2.45	4.59	116	0.43	122
403	1.10	0.13	2.92	25.2	84	0.29	0.19	0.25	0.08	7.70	39.0	188	0.44	89.4
404	1.44	0.15	5.15	7.8	25	0.22	0.03	4.94	0.18	7.69	54.8	278	0.06	98.7
405	2.86	0.12	4.56	2.2	33	0.18	0.01	4.86	0.13	6.11	46.2	227	0.08	90.9
406	1.63	0.11	1.16	5.4	330	0.53	0.02	0.42	0.08	11.6	3.74	27.6	1.43	4.6
407	.61	0.14	2.38	3.7	134	0.49	0.02	1.41	0.10	13.4	21.6	73.4	0.13	18.5
408	2.47	0.11	2.86	1.1	13	0.18	0.01	3.65	0.04	4.23	44.2	117	0.06	126
409	1.15	0.13	4.69	<0.2	25	0.15	<0.01	4.13	0.16	6.03	38.9	115	0.08	109
410	1.81	0.10	2.05	161	173	0.46	0.03	6.52	0.09	17.9	29.9	576	0.55	12.2
411	1.54	0.15	3.02	50.7	73	1.08	0.07	6.11	0.10	32.8	52.2	1140	0.24	35.3
412	1.43	0.26	3.22	4.9	385	0.69	0.04	2.32	0.21	23.2	24.2	75.2	0.86	36.0
413	1.95	0.10	4.02	3.6	24	0.20	<0.01	4.01	0.08	5.49	41.5	242	0.10	104
414	1.57	0.15	2.38	4.0	462	0.49	0.02	1.49	0.09	4.57	57.4	120	0.52	140
415	1.02	0.21	3.76	8.2	67	0.23	0.02	2.52	0.10	4.90	44.5	128	0.11	114
416	1.83	0.12	5.24	0.4	24	0.15	0.01	4.61	0.12	5.84	44.6	242	0.15	98.2
417	.78	0.20	4.36	472	67	0.24	0.21	5.76	0.12	3.29	101	1980	0.47	462
418	1.79	0.10	5.74	7.9	12	0.09	<0.01	6.36	0.06	2.59	41.7	322	0.06	56.4

Certified By:

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12T655957

PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2
419	1.40	0.08	5.40	3.5	24	0.07	<0.01	6.09	0.07	2.16	34.2	303	0.08	87.5
420	1.81	0.15	5.55	0.5	21	0.15	0.01	5.82	0.09	3.72	46.1	335	0.11	103
421	1.92	0.25	4.06	1.9	146	0.35	0.02	5.83	0.17	12.6	47.0	108	0.50	168
422	1.26	0.09	1.31	4.7	65	0.48	0.04	0.95	0.81	5.04	5.80	45.1	0.27	7.5
423	1.84	0.19	4.67	1.4	110	0.28	0.03	4.94	0.15	23.3	43.9	635	0.23	42.6
424	1.67	0.07	2.94	0.8	26	0.17	0.01	2.37	0.10	3.70	38.5	80.9	0.04	85.5
425	1.45	0.13	2.62	1.2	33	0.08	0.01	3.72	0.13	5.25	40.6	135	0.08	83.3
426	1.63	0.21	3.89	1.7	197	0.45	0.02	0.31	0.16	11.1	17.3	52.8	0.29	131
427	1.48	0.08	0.91	0.8	302	0.69	0.05	0.20	0.10	11.3	6.09	25.4	1.80	6.2
428	1.20	0.18	5.23	29.2	41	0.56	0.05	3.70	0.27	5.06	43.7	246	0.18	126
429	1.53	0.12	4.86	3.8	83	0.11	0.01	5.51	0.08	4.28	36.7	279	0.24	73.6
430	1.45	0.17	2.64	1.7	226	0.22	0.02	3.80	0.13	5.65	56.0	252	0.93	132
431	1.57	0.12	1.70	1.6	167	0.69	<0.01	0.94	0.17	14.7	14.0	10.4	0.14	1.3
432	1.59	0.10	2.96	1.0	16	0.10	<0.01	5.78	0.11	5.03	41.7	128	0.05	114
433	1.58	0.06	1.39	0.7	5	0.06	<0.01	1.72	0.06	2.32	85.6	1350	0.57	28.3
434	.95	0.06	6.27	0.4	76	0.09	<0.01	6.65	0.06	3.22	28.9	380	0.45	126
435	1.16	0.10	2.34	1.0	46	0.13	0.01	5.66	0.08	4.75	56.9	184	0.08	32.8
436	1.11	0.10	3.55	1.4	22	0.13	0.01	4.26	0.10	4.65	37.4	125	0.05	92.7
437	1.12	0.10	5.47	2.5	26	0.13	<0.01	6.30	0.12	6.13	37.3	125	0.12	95.4
438	1.08	0.12	5.59	0.5	21	0.18	<0.01	5.31	0.10	5.72	39.2	117	0.20	107
439	1.34	0.13	1.94	1.3	254	0.65	<0.01	0.30	0.11	17.7	9.16	40.2	0.73	6.9
440	1.25	0.23	4.29	0.8	179	0.46	0.02	4.38	0.13	25.8	35.5	200	0.39	57.6
441	1.81	0.10	6.09	0.9	21	0.10	0.01	5.21	0.07	4.15	66.1	281	0.16	70.5
442	1.00	0.16	4.35	1.1	221	0.57	0.02	1.00	0.11	11.7	31.3	327	1.34	34.5
443	1.78	0.15	3.47	4.4	296	0.58	0.03	3.41	0.16	44.4	21.1	56.6	0.70	32.3
444	1.95	0.14	5.19	2.9	99	0.29	<0.01	4.79	0.14	7.78	40.5	164	0.45	97.6
445	1.25	0.27	4.85	4.2	26	0.78	0.02	8.52	0.24	3.91	17.9	169	0.11	21.9
446	1.90	0.15	4.72	5.8	180	0.46	0.02	3.63	0.10	11.2	13.6	79.6	0.91	7.7
447	1.01	0.14	1.46	1.4	9	0.06	0.02	0.44	0.04	2.08	97.0	1630	1.26	107
448	1.58	0.16	0.15	2.8	3	1.69	0.09	0.11	0.17	3.73	2.91	32.5	1.13	59.2
449	2.41	0.16	0.41	2.1	9	0.37	0.20	0.06	0.43	3.87	4.65	26.9	3.34	62.2

Certified By:

Results relate only to the items tested and to all the items tested

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2
551	1.99	0.12	0.22	1.5	11	0.27	0.04	0.21	0.02	1.91	9.26	23.7	2.79	52.4
552	1.58	0.12	0.35	1.6	28	0.26	0.03	0.33	0.03	2.99	8.67	20.3	6.55	38.0
553	1.44	0.20	4.34	23.9	11	0.42	0.02	5.59	0.15	6.39	60.7	1080	0.36	93.9
554	1.30	0.15	6.00	10.5	23	0.26	0.01	5.02	0.07	7.11	49.1	518	0.18	82.6
555	1.65	0.22	0.58	6.0	7	0.45	0.24	0.11	0.03	10.5	3.54	42.1	9.79	58.9
556	2.10	0.74	1.44	1.8	7	0.33	0.77	0.06	0.60	13.9	3.82	62.1	2.53	174
557	1.49	0.19	4.82	3.1	26	0.33	0.04	5.69	0.12	8.62	45.1	451	0.32	71.4
558	1.29	0.08	1.33	3.5	494	1.19	0.02	0.80	0.10	3.34	4.90	70.9	0.52	7.5
559	1.84	0.09	4.80	0.2	21	0.22	0.01	3.53	0.12	8.77	39.5	57.8	0.08	87.0

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DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Unit:	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description RDL:	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2
323	2.45	15.8	0.32	1.6	0.023	1.20	7.1	19.8	0.94	553	0.42	2.14	3.6	17.2
324	4.94	4.66	0.22	0.5	0.030	0.37	1.4	2.0	2.42	1470	0.48	0.99	1.2	44.2
325	7.59	13.8	0.49	0.5	0.048	0.10	4.2	26.5	2.12	1020	0.20	1.46	1.7	54.9
326	7.90	14.5	0.91	0.7	0.059	0.04	3.4	17.9	2.75	1220	0.21	1.13	2.8	51.2
327	5.64	9.00	0.44	0.4	0.031	0.20	4.0	2.3	1.86	1260	1.65	2.66	0.8	57.9
328	7.86	17.4	0.37	0.8	0.057	0.05	2.6	12.9	2.82	1320	0.28	1.92	3.2	95.4
329	7.82	14.9	0.74	0.9	0.064	0.02	3.8	6.0	3.17	1420	0.44	0.48	2.9	82.3
330	7.66	14.2	0.56	0.7	0.051	0.02	1.9	11.8	3.38	1480	0.17	1.24	2.3	112
331	5.61	7.48	0.63	0.3	0.033	0.17	1.8	18.4	2.78	1890	0.25	0.24	1.0	70.6
332	7.07	16.0	0.73	0.6	0.063	1.93	1.1	22.0	2.54	1520	0.20	0.21	2.4	89.2
333	5.00	17.5	0.53	1.4	0.040	0.66	5.9	13.4	2.95	835	0.40	2.20	4.8	149
334	5.19	11.1	0.78	0.2	0.030	0.03	0.6	64.0	4.48	919	0.08	0.99	0.9	114
450	9.81	3.52	1.46	0.4	0.088	0.26	3.2	1.5	0.57	267	0.55	0.03	0.9	3.5
560	1.06	14.4	0.16	0.5	0.079	0.27	0.5	6.0	0.29	176	0.17	3.80	3.3	24.3
561	5.41	3.17	1.24	0.3	0.060	0.07	1.2	3.4	0.21	102	0.74	0.06	0.3	6.6
403	7.92	14.0	0.60	0.9	0.048	0.37	2.9	40.8	1.55	1410	1.03	0.69	0.6	110
404	6.76	16.4	0.21	0.7	0.066	0.02	2.8	6.8	1.78	1510	0.52	1.53	2.6	149
405	6.22	15.0	0.42	0.8	0.065	0.05	2.2	6.2	1.37	1500	0.38	1.32	2.8	115
406	1.02	17.2	0.42	1.1	0.012	1.27	5.3	3.2	0.13	173	0.13	3.23	1.0	2.1
407	3.13	17.5	0.26	1.7	0.031	0.13	5.7	11.7	1.50	537	0.43	3.89	4.1	55.9
408	7.73	14.8	0.63	0.5	0.054	0.05	1.4	8.3	1.95	1120	0.19	1.63	2.5	83.4
409	7.91	11.1	0.60	0.7	0.055	0.03	2.2	6.4	3.10	1440	0.25	1.45	2.4	65.1
410	3.94	6.00	0.24	1.0	0.024	0.81	8.1	0.8	2.43	1780	0.42	0.14	0.8	159
411	5.03	8.26	0.26	1.5	0.033	0.22	14.5	21.5	7.60	942	0.21	0.13	2.0	520
412	4.13	16.9	0.43	3.2	0.028	1.52	10.0	9.6	1.03	1370	0.65	1.82	8.4	55.5
413	7.23	13.5	0.33	0.9	0.053	0.03	1.9	5.5	2.67	1170	0.22	1.68	2.2	97.9
414	7.62	20.3	0.61	0.5	0.084	1.43	1.6	16.9	0.94	737	0.20	0.30	2.0	69.6
415	9.03	17.5	0.71	0.8	0.067	0.10	1.7	19.7	2.35	1840	0.24	2.39	2.8	64.7
416	7.50	14.1	0.60	0.9	0.058	0.03	2.3	8.2	2.16	1590	0.20	1.60	3.0	120
417	7.01	11.1	0.68	0.3	0.064	0.33	6.6	21.5	3.88	1930	0.37	0.69	1.0	807
418	5.94	13.3	0.71	0.3	0.039	0.03	0.9	19.4	4.15	1290	0.17	0.94	1.3	89.5
419	5.31	12.0	0.37	0.3	0.027	0.10	0.8	10.0	2.97	868	0.16	1.16	1.1	141

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Certificate of Analysis

AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Unit:	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description RDL:	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2
420	7.01	12.8	0.53	0.5	0.048	0.02	1.4	12.5	3.66	1580	0.21	0.96	1.9	113
421	8.84	15.4	0.34	1.7	0.064	0.50	5.3	4.4	2.73	1400	0.45	1.30	4.5	72.6
422	1.19	13.6	0.50	1.5	0.018	0.21	2.4	5.8	0.31	281	0.17	4.46	1.8	8.1
423	7.46	14.0	0.39	1.7	0.054	0.13	9.4	11.3	4.56	1350	0.39	1.28	6.2	218
424	6.78	12.9	0.60	0.3	0.049	0.02	1.3	23.6	3.01	1120	0.07	1.54	0.4	50.6
425	6.81	14.6	0.59	0.5	0.056	0.04	1.7	4.5	1.70	1150	0.27	3.20	2.4	71.6
426	6.60	21.6	0.40	2.8	0.040	0.95	4.3	30.0	0.72	427	0.42	2.53	1.3	22.0
427	1.46	18.8	0.31	1.6	0.018	1.27	5.1	4.2	0.10	190	0.13	3.53	1.3	6.1
428	8.19	15.2	0.53	0.7	0.074	0.13	1.8	19.9	3.53	2490	0.49	2.23	2.0	114
429	7.07	11.9	0.56	0.5	0.043	0.23	1.6	12.8	3.74	1180	0.22	1.64	1.5	97.7
430	8.21	17.2	0.64	0.9	0.060	1.15	1.9	20.6	1.94	1160	0.29	0.80	3.5	157
431	4.89	17.8	0.32	3.1	0.056	0.28	5.4	17.9	1.05	618	0.20	3.48	2.4	<0.2
432	8.36	15.5	0.39	0.6	0.060	0.02	1.7	6.6	2.54	1450	0.27	1.10	2.4	77.8
433	6.72	2.70	0.36	0.3	0.012	0.03	1.0	2.2	15.3	1020	0.09	0.04	0.8	1210
434	3.82	9.76	0.58	0.4	0.024	0.21	1.3	12.5	4.62	766	0.13	1.94	0.9	130
435	7.70	12.7	0.37	0.5	0.057	0.12	1.6	5.3	4.43	1200	0.11	0.82	1.8	272
436	8.07	13.4	0.54	0.7	0.051	0.01	1.6	5.0	2.18	1350	0.20	2.03	2.3	74.8
437	7.78	14.0	0.55	0.9	0.052	0.04	2.3	6.9	2.60	1310	0.25	1.07	2.3	73.1
438	7.38	14.0	0.56	0.9	0.054	0.05	2.1	7.6	3.12	1640	0.20	1.53	2.4	72.7
439	2.37	19.6	0.32	2.9	0.027	0.75	8.2	19.9	0.66	297	0.34	3.35	3.4	13.1
440	6.12	19.9	0.55	1.3	0.078	0.52	9.8	7.4	1.29	1400	0.49	2.02	9.8	95.2
441	7.14	12.7	0.38	0.8	0.037	0.04	1.7	13.4	6.81	1220	0.19	0.80	2.3	346
442	4.76	15.7	0.45	2.0	0.031	0.77	5.3	24.1	3.23	669	0.14	1.77	4.5	141
443	3.95	16.5	0.23	2.4	0.040	0.98	18.3	20.1	1.04	1150	0.46	1.47	4.5	41.3
444	8.23	15.6	0.58	0.8	0.062	0.37	2.9	41.3	2.89	1470	0.25	1.53	2.0	81.4
445	5.13	18.7	0.71	0.3	0.047	0.07	1.6	6.2	1.59	2250	0.40	0.43	1.4	44.0
446	2.56	16.0	0.27	2.1	0.020	0.92	5.0	12.1	0.91	729	0.39	2.73	1.8	30.1
447	6.78	3.58	0.64	0.2	0.019	0.03	0.9	3.4	14.0	962	0.38	0.02	1.3	1200
448	26.7	2.36	7.50	<0.1	0.049	0.09	1.7	<0.1	0.82	217	0.63	0.03	0.8	<0.2
449	19.3	2.67	2.92	0.1	0.097	0.23	1.7	<0.1	1.67	224	0.69	0.02	0.7	6.1
551	14.4	2.24	4.32	<0.1	0.133	0.18	0.9	<0.1	1.79	478	0.19	0.01	0.4	0.7
552	15.6	2.63	2.38	0.1	0.194	0.24	1.4	<0.1	1.60	461	0.14	0.01	0.5	1.8

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AGAT WORK ORDER: 12T655957

PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Unit:	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description RDL:	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2
553	7.31	12.5	1.31	1.3	0.058	0.01	2.0	30.6	7.85	1620	0.18	0.02	3.3	389
554	6.39	13.7	0.71	0.6	0.045	0.05	2.8	32.9	3.25	1660	0.13	1.96	3.0	137
555	22.7	3.91	2.35	0.3	0.209	0.42	5.0	0.3	1.24	376	1.01	0.03	1.1	2.8
556	11.9	7.28	0.36	1.0	0.172	0.13	6.4	0.7	0.68	167	2.76	0.02	2.1	5.9
557	7.11	14.0	0.61	1.0	0.059	0.06	3.3	19.8	3.03	1870	0.42	0.31	3.8	95.0
558	0.91	20.7	0.23	1.5	0.021	1.10	1.4	8.3	0.26	176	0.21	3.25	1.8	8.9
559	8.41	15.2	0.76	0.8	0.069	0.02	3.2	25.2	2.14	1120	0.22	1.17	1.5	41.5

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Analyte:	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	10	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01
323	426	2.3	22.1	0.003	<0.01	0.18	3.1	<0.5	0.7	129	0.35	0.02	1.2	0.16
324	74	1.9	12.9	0.006	0.12	0.11	19.5	<0.5	0.2	153	0.45	0.09	0.7	0.03
325	244	0.7	3.0	0.003	0.02	0.41	32.8	0.6	0.2	46.2	0.66	0.02	0.5	0.18
326	243	1.4	1.6	0.004	0.02	0.78	34.5	0.9	0.6	96.5	0.58	0.02	0.6	0.43
327	104	2.6	6.1	0.003	1.29	0.22	25.7	1.8	0.5	167	0.27	0.95	0.5	0.06
328	257	0.8	1.4	0.004	0.02	0.17	45.9	0.8	0.7	52.7	0.70	0.05	0.3	0.44
329	240	2.0	0.5	0.004	0.08	0.51	39.5	0.9	0.5	173	0.42	0.04	0.4	0.46
330	211	0.7	0.3	0.004	<0.01	0.21	33.5	0.6	0.4	52.3	0.52	0.03	0.2	0.37
331	141	0.6	6.4	0.004	0.03	0.31	21.6	<0.5	<0.2	63.1	0.38	0.01	0.1	0.07
332	311	0.3	26.2	0.004	0.03	0.08	30.6	0.8	0.5	8.8	0.28	0.03	0.1	0.47
333	499	4.3	6.0	0.003	<0.01	0.35	14.6	<0.5	0.8	243	0.47	<0.01	0.7	0.32
334	87	0.7	0.5	0.003	<0.01	1.65	23.4	<0.5	<0.2	40.8	0.25	<0.01	<0.1	0.13
450	237	1.1	30.3	0.003	0.60	0.19	2.2	1.2	0.9	7.4	0.08	0.21	0.4	0.03
560	64	1.0	2.6	0.003	0.02	0.11	9.3	0.5	0.8	51.8	0.22	0.01	<0.1	0.55
561	215	9.3	2.9	0.005	0.40	4.75	4.1	1.9	0.7	3.5	<0.05	0.38	0.2	0.02
403	301	2.7	7.3	0.003	0.14	1.46	16.1	<0.5	0.2	49.5	0.08	0.06	0.6	0.05
404	256	4.9	0.4	0.004	0.06	2.23	30.8	0.9	0.5	123	0.27	0.03	0.4	0.48
405	304	1.0	1.1	0.004	0.03	0.19	26.7	0.7	0.6	101	0.26	0.01	0.2	0.51
406	184	4.5	29.9	0.003	<0.01	1.26	0.7	<0.5	0.3	164	0.08	<0.01	0.8	0.10
407	423	3.3	1.2	0.003	<0.01	0.94	5.7	<0.5	0.7	239	0.33	<0.01	0.6	0.27
408	245	1.4	0.8	0.004	0.06	0.65	15.3	0.7	0.5	76.2	0.21	0.02	<0.1	0.40
409	253	0.7	0.3	0.003	0.01	0.24	28.1	0.5	0.5	54.1	0.24	0.01	0.2	0.45
410	1030	1.9	28.1	0.003	0.09	2.91	13.1	<0.5	0.3	144	0.08	<0.01	1.1	0.06
411	1230	4.0	7.8	0.004	0.05	21.0	20.8	<0.5	0.4	238	0.44	0.01	2.0	0.12
412	593	2.5	41.5	0.003	<0.01	0.46	10.1	<0.5	1.6	65.4	0.66	<0.01	1.2	0.36
413	244	0.9	0.5	0.004	0.05	2.59	21.8	0.5	0.4	128	0.22	<0.01	0.2	0.43
414	463	1.0	21.4	0.004	0.15	1.36	18.0	0.6	0.6	34.2	0.16	0.02	0.2	0.37
415	293	5.5	1.3	0.004	0.08	2.60	23.3	0.7	0.6	83.3	0.23	0.03	0.2	0.50
416	254	1.1	1.6	0.006	0.06	0.73	29.0	0.7	0.4	132	0.62	0.03	0.7	0.44
417	78	1.4	11.9	0.007	0.08	16.4	25.8	0.5	0.3	150	0.42	0.05	0.3	0.07
418	127	1.0	0.4	0.004	<0.01	2.08	29.1	<0.5	<0.2	165	0.37	<0.01	<0.1	0.21
419	112	1.7	1.8	0.003	<0.01	0.43	16.9	<0.5	0.2	107	0.26	0.01	<0.1	0.20

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FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	10	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01
420	182	1.9	0.6	0.004	0.15	0.22	35.8	0.9	0.3	150	0.33	0.02	0.1	0.34
421	425	2.9	6.5	0.004	0.08	0.08	26.7	0.9	0.7	124	0.39	0.03	0.7	0.53
422	227	4.8	2.1	0.003	0.02	0.50	1.3	<0.5	0.5	54.7	0.12	<0.01	0.5	0.13
423	788	3.1	2.3	0.004	0.07	1.44	24.0	0.7	0.6	354	0.51	<0.01	0.6	0.54
424	250	0.6	<0.1	0.003	<0.01	0.39	15.6	<0.5	<0.2	51.6	0.08	<0.01	<0.1	0.05
425	242	15.4	0.3	0.004	0.16	1.10	17.0	0.8	0.5	55.3	0.19	0.01	0.1	0.42
426	546	3.0	13.1	0.003	0.02	0.99	5.2	<0.5	0.4	54.0	0.13	<0.01	0.6	0.09
427	217	5.5	20.4	0.003	<0.01	0.51	0.9	<0.5	0.5	130	0.08	<0.01	0.5	0.14
428	219	1.8	1.5	0.004	<0.01	0.68	33.4	<0.5	0.8	79.0	0.24	0.07	0.1	0.38
429	167	3.0	6.9	0.004	0.03	0.33	29.2	0.5	0.3	163	0.17	0.02	0.1	0.30
430	331	0.9	12.6	0.005	0.26	0.29	15.3	1.3	0.6	72.6	0.26	0.03	0.1	0.51
431	1350	2.7	1.3	0.004	<0.01	0.11	3.8	<0.5	0.7	141	0.21	<0.01	0.4	0.15
432	247	1.5	0.2	0.004	0.02	1.12	18.4	<0.5	0.5	102	0.19	0.01	<0.1	0.43
433	80	0.6	1.7	0.003	0.02	<0.05	11.8	<0.5	<0.2	7.5	0.28	<0.01	0.1	0.06
434	91	0.4	4.0	0.003	<0.01	0.33	27.5	<0.5	<0.2	129	0.20	0.03	0.1	0.12
435	203	1.1	0.5	0.003	<0.01	0.06	11.2	<0.5	0.7	155	0.17	<0.01	<0.1	0.28
436	254	1.3	0.2	0.005	0.06	0.72	20.3	0.5	0.4	75.3	0.19	0.02	0.1	0.45
437	240	0.8	1.2	0.005	<0.01	0.47	32.9	0.5	0.4	96.6	0.21	<0.01	0.2	0.43
438	262	0.9	1.2	0.004	0.03	1.40	33.5	0.6	0.4	116	0.22	0.01	0.2	0.45
439	423	2.9	13.8	0.004	<0.01	0.82	2.1	<0.5	0.8	144	0.33	<0.01	0.7	0.12
440	1150	2.3	11.3	0.004	0.08	0.06	17.4	1.0	1.1	263	0.59	0.02	0.5	0.93
441	156	1.3	1.0	0.007	0.01	0.19	23.1	<0.5	0.3	116	0.90	0.03	0.6	0.20
442	560	4.2	14.6	0.004	<0.01	0.64	14.4	<0.5	0.8	73.7	0.40	<0.01	0.9	0.28
443	963	2.7	19.4	0.004	<0.01	0.14	12.9	<0.5	0.7	291	0.37	<0.01	1.4	0.28
444	338	1.5	4.8	0.004	0.01	3.34	29.2	<0.5	0.3	222	0.20	0.01	0.2	0.34
445	134	4.7	1.6	0.004	<0.01	1.10	14.0	<0.5	0.5	293	0.15	<0.01	0.1	0.16
446	379	2.9	22.9	0.004	<0.01	1.03	8.9	<0.5	0.4	224	0.17	<0.01	1.0	0.13
447	98	2.4	3.2	0.003	0.03	1.02	14.9	<0.5	0.2	10.4	0.55	0.02	<0.1	0.08
448	501	2.9	3.2	0.003	0.06	1.47	0.6	0.7	2.0	5.1	0.09	0.09	<0.1	<0.01
449	188	2.9	9.0	0.003	0.07	0.99	1.4	1.3	1.9	7.6	<0.05	0.32	0.2	0.01
551	72	2.3	8.2	0.003	0.38	1.07	0.5	0.9	3.2	6.4	<0.05	0.03	<0.1	<0.01
552	206	1.6	17.4	0.002	0.21	0.83	0.6	<0.5	3.4	10.5	<0.05	0.03	0.1	0.01

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Certificate of Analysis

AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	10	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01
553	241	1.3	0.9	0.004	0.02	0.09	36.7	0.9	1.2	30.6	0.64	0.03	0.3	0.26
554	250	0.9	1.4	0.003	0.01	0.11	43.5	0.7	0.5	68.1	0.35	0.03	0.3	0.35
555	420	2.5	17.6	0.005	0.74	0.82	2.2	2.8	1.6	23.1	0.08	0.40	0.4	0.04
556	189	5.1	5.2	0.018	0.40	0.36	4.7	9.7	1.3	7.7	0.17	1.52	1.2	0.08
557	280	2.5	1.7	0.004	0.02	0.45	41.1	0.8	0.6	183	0.38	0.05	0.3	0.33
558	155	5.7	27.6	0.003	0.02	0.08	1.2	<0.5	0.8	229	0.12	0.02	0.5	0.09
559	334	0.8	0.6	0.005	0.07	<0.05	40.0	<0.5	0.4	72.8	0.20	<0.01	0.3	0.16

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AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.005	0.5	0.1	0.1	0.5	0.5
323	0.15	0.410	63.4	0.2	4.1	48.5	57.5
324	0.07	0.019	116	1.4	3.6	65.8	6.7
325	0.02	0.054	261	<0.1	4.3	83.4	17.2
326	0.01	0.057	281	0.1	13.7	92.3	18.3
327	0.04	0.050	82.3	3.2	3.0	66.6	12.9
328	<0.01	0.050	303	0.1	15.6	96.9	22.2
329	<0.01	0.069	275	<0.1	15.5	86.9	27.6
330	<0.01	0.045	245	<0.1	11.1	73.7	19.9
331	0.03	0.025	146	0.1	4.2	55.0	11.0
332	0.19	0.035	324	0.2	9.9	78.9	16.7
333	0.06	0.254	149	0.2	7.1	78.0	49.7
334	<0.01	0.021	212	0.1	1.4	75.7	6.1
450	0.12	0.100	17.5	0.2	1.8	61.6	16.2
560	0.04	0.011	326	0.1	2.2	20.5	16.9
561	0.22	0.069	32.6	0.6	1.7	135	12.5
403	0.14	0.269	236	0.1	1.7	96.9	32.2
404	<0.01	0.084	286	0.1	12.2	101	14.5
405	0.01	0.058	306	0.1	13.3	85.8	20.2
406	0.34	0.261	23.6	0.2	1.1	35.8	34.2
407	0.04	0.179	102	0.2	5.8	72.2	66.8
408	0.03	0.049	273	<0.1	6.7	78.0	14.4
409	<0.01	0.064	270	<0.1	12.6	93.0	19.2
410	0.18	0.339	75.8	<0.1	7.2	34.8	37.9
411	0.05	0.619	125	0.1	10.8	42.0	57.2
412	0.29	0.356	97.0	0.3	13.9	91.6	124
413	<0.01	0.077	251	<0.1	8.3	60.5	26.8
414	0.38	0.055	410	0.1	3.0	135	18.9
415	0.03	0.068	320	<0.1	10.1	126	22.9
416	0.02	0.057	259	0.2	12.7	87.5	13.5
417	0.14	0.052	178	0.1	8.0	26.6	10.2
418	<0.01	0.024	196	0.3	7.8	55.9	6.6
419	0.02	0.027	160	<0.1	4.3	45.4	9.9

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AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.005	0.5	0.1	0.1	0.5	0.5
420	<0.01	0.042	266	0.1	9.6	79.4	14.7
421	0.11	0.312	306	0.1	13.1	99.4	58.5
422	0.03	0.096	34.7	0.5	1.5	71.9	53.3
423	0.03	0.184	201	<0.1	15.3	89.0	61.3
424	<0.01	0.044	210	<0.1	2.1	81.0	13.2
425	0.02	0.066	286	0.1	7.3	82.0	13.4
426	0.07	0.328	122	0.2	2.9	167	105
427	0.27	0.103	49.2	0.1	1.3	52.6	54.1
428	0.12	0.054	255	0.8	10.0	182	18.7
429	0.07	0.053	231	<0.1	10.1	70.5	15.5
430	0.42	0.069	292	0.3	7.3	96.8	30.9
431	0.03	0.176	40.9	<0.1	7.4	114	118
432	0.01	0.053	290	<0.1	8.4	86.7	15.3
433	<0.01	0.021	54.2	<0.1	3.1	50.8	10.1
434	0.03	0.037	123	<0.1	5.3	29.5	13.5
435	0.03	0.040	200	<0.1	5.4	78.8	18.2
436	<0.01	0.059	283	<0.1	7.9	84.9	17.7
437	0.01	0.063	254	<0.1	13.0	77.4	27.0
438	0.02	0.056	264	<0.1	13.8	81.2	27.9
439	0.10	0.364	50.2	0.1	3.1	107	97.2
440	0.06	0.121	209	0.2	17.7	97.0	37.2
441	0.01	0.054	146	<0.1	8.7	70.3	16.0
442	0.09	0.297	135	0.1	8.1	78.3	70.7
443	0.10	0.336	134	0.1	11.7	79.1	92.7
444	0.07	0.076	278	<0.1	4.3	88.6	28.9
445	0.02	0.039	215	<0.1	7.3	99.7	8.0
446	0.16	0.282	56.9	0.7	4.1	58.0	76.8
447	0.02	0.028	76.6	0.3	4.4	29.7	6.5
448	0.02	0.023	8.5	1.6	1.7	180	2.3
449	0.07	0.046	14.1	0.7	1.4	181	6.7
551	0.04	0.023	12.5	0.1	1.9	122	2.9
552	0.05	0.032	10.9	0.2	1.9	118	5.0

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AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.005	0.5	0.1	0.1	0.5	0.5
553	<0.01	0.071	189	0.8	15.8	101	45.5
554	0.01	0.068	238	0.3	16.0	73.2	21.2
555	0.11	0.073	21.6	0.5	2.9	117	11.7
556	0.04	0.333	40.1	0.5	3.9	224	39.7
557	0.04	0.084	240	0.2	19.8	80.7	31.5
558	0.36	0.532	30.6	0.3	1.1	55.2	44.4
559	<0.01	0.065	302	0.4	5.7	106	30.6

Comments: RDL - Reported Detection Limit
3850050-3850120 As, Sb values may be low due to digestion losses.

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
323	0.004
324	0.833
325	0.010
326	0.005
327	9.23
328	0.091
329	0.040
330	0.004
331	0.012
332	0.015
333	0.004
334	0.001
450	0.002
560	0.013
561	0.009
403	0.007
404	0.004
405	0.001
406	0.001
407	<0.001
408	<0.001
409	0.031
410	0.003
411	<0.001
412	<0.001
413	<0.001
414	<0.001
415	<0.001
416	<0.001
417	0.003
418	<0.001
419	<0.001

Certified By:

Results relate only to the items tested and to all the items tested

AGAT Laboratories

5623 McADAM ROAD
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FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

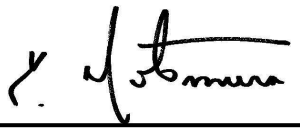
ATTENTION TO: JOHN FLOREK

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
420	<0.001
421	0.004
422	<0.001
423	<0.001
424	0.003
425	0.001
426	0.002
427	<0.001
428	0.004
429	0.001
430	<0.001
431	<0.001
432	<0.001
433	<0.001
434	0.001
435	<0.001
436	<0.001
437	<0.001
438	0.004
439	0.003
440	<0.001
441	<0.001
442	<0.001
443	<0.001
444	0.157
445	0.005
446	<0.001
447	0.001
448	<0.001
449	0.004
551	<0.001
552	<0.001

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 12T655957
PROJECT NO:

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Oct 24, 2012 | DATE RECEIVED: Oct 24, 2012 | DATE REPORTED: Nov 02, 2012 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
553	<0.001
554	<0.001
555	0.001
556	0.012
557	0.002
558	0.003
559	0.007

Comments: RDL - Reported Detection Limit

Certified By:

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CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12T655957

PROJECT NO:

ATTENTION TO: JOHN FLOREK

Solid Analysis

RPT Date: Nov 02, 2012

PARAMETER	Batch	REPLICATE				Method Blank	REFERENCE MATERIAL				
		Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3850050	0.120	0.094	24.3%	< 0.01	10.6	13.0	82%	80%	120%
Al	1	3850050	2.25	2.08	7.9%	< 0.01				80%	120%
As	1	3850050	2.0	1.7	16.2%	< 0.2				80%	120%
Ba	1	3850050	588	545	7.6%	< 1				80%	120%
Be	1	3850050	0.57	0.51	11.1%	< 0.05	0.5	0.4	120%	80%	120%
Bi	1	3850050	0.076	0.060	23.5%	< 0.01				80%	120%
Ca	1	3850050	0.707	0.642	9.6%	< 0.01				80%	120%
Cd	1	3850050	0.078	0.068	13.7%	< 0.02				80%	120%
Ce	1	3850050	15.2	14.5	4.7%	< 0.01				80%	120%
Co	1	3850050	12.1	11.2	7.7%	< 0.05				80%	120%
Cr	1	3850050	45.6	44.3	2.9%	< 0.5				80%	120%
Cs	1	3850050	0.65	0.59	9.7%	< 0.01				80%	120%
Cu	1	3850050	1.34	1.24	7.8%	< 0.2	5489	6000	91%	80%	120%
Fe	1	3850050	2.45	2.22	9.9%	< 0.01				80%	120%
Ga	1	3850050	15.8	13.4	16.4%	< 0.05				80%	120%
Ge	1	3850050	0.321	0.292	9.5%	< 0.05				80%	120%
Hf	1	3850050	1.6	1.3	20.7%	< 0.1				80%	120%
In	1	3850050	0.023	0.020	14.0%	< 0.005				80%	120%
K	1	3850050	1.20	1.11	7.8%	< 0.01				80%	120%
La	1	3850050	7.1	6.1	15.2%	< 0.5				80%	120%
Li	1	3850050	19.8	17.4	12.9%	< 0.1				80%	120%
Mg	1	3850050	0.937	0.798	16.0%	0.01				80%	120%
Mn	1	3850050	553	503	9.5%	< 1				80%	120%
Mo	1	3850050	< 0.05	< 0.05	0.0%	< 0.05	293	360	81%	80%	120%
Na	1	3850050	2.14	1.98	7.8%	< 0.01				80%	120%
Nb	1	3850050	3.6	3.0	18.2%	< 0.1				80%	120%
Ni	1	3850050	17.2	17.1	0.6%	< 0.2				80%	120%
P	1	3850050	426	420	1.4%	< 10	526	600	88%	80%	120%
Pb	1	3850050	2.3	2.1	9.1%	< 0.1				80%	120%
Rb	1	3850050	22.1	19.1	14.6%	< 0.1				80%	120%
Re	1	3850050	0.003	0.003	0.0%	0.003				80%	120%
S	1	3850050	< 0.01	< 0.01	0.0%	< 0.01	0.94	0.80	117%	80%	120%
Sb	1	3850050	0.18	0.15	18.2%	< 0.05				80%	120%
Sc	1	3850050	2.0	1.7	16.2%	0.1				80%	120%
Se	1	3850050	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Sn	1	3850050	0.65	0.59	9.7%	< 0.2				80%	120%
Sr	1	3850050	129	114	12.3%	< 0.2	343	390	88%	80%	120%
Ta	1	3850050	0.351	0.321	8.9%	< 0.05				80%	120%
Te	1	3850050	4.66	5.25	11.9%	< 0.01				80%	120%
Th	1	3850050	1.17	0.99	16.7%	< 0.1				80%	120%
Ti	1	3850050	0.16	0.15	6.5%	< 0.01				80%	120%
Tl	1	3850050	0.15	0.14	6.9%	< 0.01				80%	120%
U	1	3850050	0.410	0.355	14.4%	< 0.005				80%	120%
V	1	3850050	63.4	61.5	3.0%	< 0.5				80%	120%

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12T655957
PROJECT NO:
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 02, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
W	1	3850050	0.15	0.12	22.2%	< 0.1				80%	120%
Y	1	3850050	3.42	2.93	15.4%	< 0.1	8	7	112%	80%	120%
Zn	1	3850050	48.5	48.0	1.0%	< 0.5				80%	120%
Zr	1	3850050	57.5	50.5	13.0%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3850075	0.10	0.10	0.0%	< 0.01	12	13.0	92%	80%	120%
Al	1	3850075	4.02	3.80	5.6%	< 0.01				80%	120%
As	1	3850075	3.6	3.6	0.0%	< 0.1				80%	120%
Ba	1	3850075	24	23	4.3%	< 1				80%	120%
Be	1	3850075	0.200	0.209	4.4%	< 0.05	0.5	0.4	113%	80%	120%
Bi	1	3850075	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ca	1	3850075	4.01	3.37	17.3%	< 0.01				80%	120%
Cd	1	3850075	0.08	0.08	0.0%	< 0.02				80%	120%
Ce	1	3850075	5.49	5.59	1.8%	< 0.01				80%	120%
Co	1	3850075	41.5	43.3	4.2%	< 0.05				80%	120%
Cr	1	3850075	242	233	3.8%	< 0.5				80%	120%
Cs	1	3850075	0.10	0.15		< 0.01				80%	120%
Cu	1	3850075	104	99.7	4.2%	< 0.2				80%	120%
Fe	1	3850075	7.23	6.15	16.1%	< 0.01				80%	120%
Ga	1	3850075	13.5	13.2	2.2%	< 0.05	11	10	111%	80%	120%
Ge	1	3850075	0.33	0.41		0.08				80%	120%
Hf	1	3850075	0.85	0.83	2.4%	< 0.1				80%	120%
In	1	3850075	0.053	0.053	0.0%	< 0.005				80%	120%
K	1	3850075	0.03	0.04	28.6%	0.01				80%	120%
La	1	3850075	1.93	2.19	12.6%	< 0.5				80%	120%
Li	1	3850075	5.5	6.3	13.6%	< 0.1				80%	120%
Mg	1	3850075	2.67	2.44	9.0%	< 0.01				80%	120%
Mn	1	3850075	1170	1140	2.6%	3				80%	120%
Mo	1	3850075	0.22	0.18	20.0%	< 0.05	354	360	98%	80%	120%
Na	1	3850075	1.68	1.48	12.7%	0.01				80%	120%
Nb	1	3850075	2.25	2.44	8.1%	< 0.1				80%	120%
Ni	1	3850075	97.9	93.8	4.3%	< 0.2				80%	120%
P	1	3850075	244	220	10.3%	< 10	608	600	101%	80%	120%
Pb	1	3850075	0.9	0.9	0.0%	0.2				80%	120%
Rb	1	3850075	< 0.1	0.6		< 0.1				80%	120%
Re	1	3850075	0.004	0.004	0.0%	0.002				80%	120%
S	1	3850075	0.048	0.043	11.0%	< 0.01				80%	120%
Sb	1	3850075	2.59	2.69	3.8%	< 0.05				80%	120%
Sc	1	3850075	21.8	23.1	5.8%	< 0.1				80%	120%
Se	1	3850075	0.51	0.68	28.6%	< 0.5				80%	120%
Sn	1	3850075	0.4	0.4	0.0%	< 0.2				80%	120%
Sr	1	3850075	128	112	13.3%	< 0.2	411	390	105%	80%	120%
Ta	1	3850075	0.220	0.276	22.6%	< 0.05				80%	120%
Te	1	3850075	< 0.01	< 0.01	0.0%	< 0.01				80%	120%

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12T655957
PROJECT NO:
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 02, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Th	1	3850075	0.2	0.2	0.0%	< 0.1	1.2	1.4	85%	80%	120%
Ti	1	3850075	0.43	0.40	7.2%	< 0.01				80%	120%
Tl	1	3850075	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
U	1	3850075	0.0772	0.0827	6.9%	0.009				80%	120%
V	1	3850075	251	235	6.6%	< 0.5				80%	120%
W	1	3850075	< 0.1	< 0.1	0.0%	< 0.1				80%	120%
Y	1	3850075	8.3	10.0	18.6%	< 0.1	8	7	117%	80%	120%
Zn	1	3850075	60.5	57.8	4.6%	0.9				80%	120%
Zr	1	3850075	26.8	26.0	3.0%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3850090	0.18	0.23	24.4%	< 0.01	11.3	13.0	87%	80%	120%
Al	1	3850090	5.23	5.69	8.4%	< 0.01				80%	120%
As	1	3850090	29.2	26.0	11.6%	< 0.2				80%	120%
Ba	1	3850090	41	50	19.8%	< 1				80%	120%
Be	1	3850090	0.565	0.555	1.8%	< 0.05	0.4	0.4	110%	80%	120%
Bi	1	3850090	0.05	0.05	0.0%	< 0.01				80%	120%
Ca	1	3850090	3.70	3.88	4.7%	< 0.01				80%	120%
Cd	1	3850090	0.27	0.25	7.7%	< 0.02				80%	120%
Ce	1	3850090	5.06	5.37	5.9%	< 0.01				80%	120%
Co	1	3850090	43.7	41.7	4.7%	< 0.05				80%	120%
Cr	1	3850090	246	254	3.2%	< 0.5				80%	120%
Cs	1	3850090	0.18	0.18	0.0%	< 0.01				80%	120%
Cu	1	3850090	126	132	4.7%	< 0.2	5896	6000	98%	80%	120%
Fe	1	3850090	8.19	8.72	6.3%	< 0.01				80%	120%
Ga	1	3850090	15.2	14.0	8.2%	< 0.05	10	10	97%	80%	120%
Ge	1	3850090	0.53	0.42		< 0.05				80%	120%
Hf	1	3850090	0.7	0.7	0.0%	< 0.1				80%	120%
In	1	3850090	0.0738	0.0701	5.1%	< 0.005				80%	120%
K	1	3850090	0.13	0.14	7.4%	< 0.01				80%	120%
La	1	3850090	1.84	2.03	9.8%	< 0.5				80%	120%
Li	1	3850090	19.9	18.1	9.5%	< 0.1				80%	120%
Mg	1	3850090	3.53	3.70	4.7%	< 0.01				80%	120%
Mn	1	3850090	2490	2360	5.4%	< 1				80%	120%
Mo	1	3850090	< 0.05	< 0.05	0.0%	< 0.05	318	360	88%	80%	120%
Na	1	3850090	2.23	2.35	5.2%	< 0.01				80%	120%
Nb	1	3850090	2.0	1.9	5.1%	< 0.1				80%	120%
Ni	1	3850090	114	117	2.6%	< 0.2				80%	120%
P	1	3850090	219	220	0.5%	< 10	596	600	99%	80%	120%
Pb	1	3850090	1.8	1.9	5.4%	< 0.1				80%	120%
Rb	1	3850090	1.52	1.86	20.1%	< 0.1				80%	120%
Re	1	3850090	0.004	0.004	0.0%	< 0.002				80%	120%
S	1	3850090	< 0.01	0.01		< 0.01				80%	120%
Sb	1	3850090	0.68	0.65	4.5%	< 0.05				80%	120%
Sc	1	3850090	33.4	32.7	2.1%	< 0.1				80%	120%

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12T655957

PROJECT NO:

ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 02, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Se	1	3850090	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Sn	1	3850090	0.8	0.8	0.0%	< 0.2				80%	120%
Sr	1	3850090	79.0	73.9	6.7%	< 0.2	368	390	94%	80%	120%
Ta	1	3850090	0.236	0.219	7.5%	< 0.05				80%	120%
Te	1	3850090	0.07	0.07	0.0%	< 0.01				80%	120%
Th	1	3850090	0.15	0.18	18.2%	< 0.1	1.2	1.4	85%	80%	120%
Ti	1	3850090	0.383	0.419	9.0%	< 0.01				80%	120%
Tl	1	3850090	0.119	0.111	7.0%	< 0.01				80%	120%
U	1	3850090	0.054	0.056	3.6%	< 0.005				80%	120%
V	1	3850090	255	265	3.8%	< 0.5				80%	120%
W	1	3850090	0.8	0.8	0.0%	< 0.1				80%	120%
Y	1	3850090	9.96	9.61	3.6%	< 0.1	8	7	114%	80%	120%
Zn	1	3850090	182	186	2.2%	< 0.5				80%	120%
Zr	1	3850090	18.7	20.7	10.2%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3850100	0.119	0.136	13.3%	< 0.01	11.8	13.0	90%	80%	120%
Al	1	3850100	5.59	6.24	11.0%	< 0.01				80%	120%
As	1	3850100	1.2	2.5		< 0.2				80%	120%
Ba	1	3850100	21	23	9.1%	< 1				80%	120%
Be	1	3850100	0.180	0.198	9.5%	< 0.05	0.5	0.4	115%	80%	120%
Bi	1	3850100	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ca	1	3850100	5.31	5.56	4.6%	< 0.01				80%	120%
Cd	1	3850100	0.105	0.121	14.2%	< 0.02				80%	120%
Ce	1	3850100	5.72	6.72	16.1%	< 0.01				80%	120%
Co	1	3850100	39.2	42.2	7.4%	< 0.05				80%	120%
Cr	1	3850100	117	125	6.6%	< 0.5				80%	120%
Cs	1	3850100	0.198	0.235	17.1%	< 0.01				80%	120%
Cu	1	3850100	107	113	5.5%	< 0.2	5595	6000	93%	80%	120%
Fe	1	3850100	7.38	7.95	7.4%	< 0.01				80%	120%
Ga	1	3850100	14.0	15.5	10.2%	< 0.05	10	10	99%	80%	120%
Ge	1	3850100	0.564	0.524	7.4%	< 0.05				80%	120%
Hf	1	3850100	0.94	1.08	13.9%	< 0.1				80%	120%
In	1	3850100	0.0541	0.0576	6.3%	< 0.005				80%	120%
K	1	3850100	0.05	0.05	0.0%	< 0.01				80%	120%
La	1	3850100	2.1	2.5	17.4%	< 0.5				80%	120%
Li	1	3850100	7.6	8.1	6.4%	< 0.1				80%	120%
Mg	1	3850100	3.12	3.44	9.8%	< 0.01				80%	120%
Mn	1	3850100	1640	1800	9.3%	< 1				80%	120%
Mo	1	3850100	0.198	0.256	25.6%	< 0.05	291	360	80%	80%	120%
Na	1	3850100	1.53	1.62	5.7%	< 0.01				80%	120%
Nb	1	3850100	2.4	2.8	15.4%	< 0.1				80%	120%
Ni	1	3850100	72.7	76.5	5.1%	< 0.2				80%	120%
P	1	3850100	262	279	6.3%	< 10	544	600	91%	80%	120%
Pb	1	3850100	0.9	1.0	10.5%	< 0.1				80%	120%

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12T655957

PROJECT NO:

ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 02, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Rb	1	3850100	0.6	1.9		< 0.1				80%	120%
Re	1	3850100	0.004	0.004	0.0%	< 0.002				80%	120%
S	1	3850100	0.03	0.03	0.0%	< 0.01				80%	120%
Sb	1	3850100	1.40	1.47	4.9%	< 0.05				80%	120%
Sc	1	3850100	33.5	38.1	12.8%	< 0.1				80%	120%
Se	1	3850100	0.6	0.7	15.4%	< 0.5				80%	120%
Sn	1	3850100	0.44	0.49	10.8%	< 0.2				80%	120%
Sr	1	3850100	116	125	7.5%	< 0.2	321	390	82%	80%	120%
Ta	1	3850100	< 0.05	< 0.05	0.0%	< 0.05				80%	120%
Te	1	3850100	0.01	0.01	0.0%	< 0.01				80%	120%
Th	1	3850100	0.2	0.2	0.0%	< 0.1				80%	120%
Ti	1	3850100	0.45	0.48	6.5%	< 0.01				80%	120%
Tl	1	3850100	0.02	0.02	0.0%	< 0.01				80%	120%
U	1	3850100	0.056	0.062	10.2%	< 0.005				80%	120%
V	1	3850100	264	271	2.6%	< 0.5				80%	120%
W	1	3850100	< 0.1	< 0.1	0.0%	< 0.1				80%	120%
Y	1	3850100	13.8	15.8	13.5%	< 0.1	8	7	113%	80%	120%
Zn	1	3850100	81.2	83.4	2.7%	< 0.5				80%	120%
Zr	1	3850100	27.9	33.9	19.4%	< 0.5				80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3850119	0.003	0.003	0.0%	< 0.001	1.49	1.52	98%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3850062	0.002	0.003		< 0.001	0.274	0.263	104%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3850075	< 0.001	< 0.001	0.0%	< 0.001	1.44	1.52	95%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3850087	0.001	0.003		< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3850100	0.004	< 0.001		< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3850111	0.004	< 0.001		< 0.001				90%	110%

Certified By:

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AGAT Laboratories

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12T655957

PROJECT NO:

ATTENTION TO: JOHN FLOREK

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12020		ICP-MS
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP-MS
Ba	MIN-200-12020		ICP-MS
Be	MIN-200-12020		ICP-MS
Bi	MIN-200-12020		ICP-MS
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP-MS
Ce	MIN-200-12020		ICP-MS
Co	MIN-200-12020		ICP-MS
Cr	MIN-200-12020		ICP/OES
Cs	MIN-200-12020		ICP-MS
Cu	MIN-200-12020		ICP-MS
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP-MS
Ge	MIN-200-12020		ICP-MS
Hf	MIN-200-12020		ICP-MS
In	MIN-200-12020		ICP-MS
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP-MS
Li	MIN-200-12020		ICP-MS
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP-MS
Na	MIN-200-12020		ICP/OES
Nb	MIN-200-12020		ICP-MS
Ni	MIN-200-12020		ICP-MS
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP-MS
Rb	MIN-200-12020		ICP-MS
Re	MIN-200-12020		ICP-MS
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP-MS
Sc	MIN-200-12020		ICP-MS
Se	MIN-200-12020		ICP-MS
Sn	MIN-200-12020		ICP-MS
Sr	MIN-200-12020		ICP-MS
Ta	MIN-200-12020		ICP-MS
Te	MIN-200-12020		ICP-MS
Th	MIN-200-12020		ICP-MS
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP-MS
U	MIN-200-12020		ICP-MS
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP-MS
Y	MIN-200-12020		ICP-MS
Zn	MIN-200-12020		ICP-MS
Zr	MIN-200-12020		ICP-MS

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FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12T655957

PROJECT NO:

ATTENTION TO: JOHN FLOREK

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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MISSISSAUGA, ONTARIO
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TEL (905)501-9998
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http://www.agatlabs.com

CLIENT NAME: ENTOURAGE METALS LTD
BOX 1178
MARATHON, ON P0T2E0
(807) 229-9719

ATTENTION TO: JOHN FLOREK

PROJECT NO: OCTOBER GOLD ROCK

AGAT WORK ORDER: 12U663725

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Nov 30, 2012

PAGES (INCLUDING COVER): 34

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2
SOO562	1.68	0.13	5.87	1.1	171	0.28	0.05	4.76	0.19	7.87	53.1	109	0.35	127
SOO563	1.74	0.19	5.81	2.7	78	0.24	0.08	5.17	0.24	8.82	51.7	118	0.17	134
SOO564	1.12	0.16	6.84	0.8	52	0.24	0.04	4.87	0.16	10.7	49.7	124	0.21	105
SOO565	1.66	0.12	7.11	<0.2	34	0.19	0.03	6.57	0.14	6.12	42.8	268	0.23	109
SOO566	1.24	0.11	2.92	1.3	772	1.23	0.08	0.40	0.26	5.97	3.69	23.0	1.42	9.4
SOO567	1.78	0.16	7.49	0.8	29	0.27	0.06	6.57	0.13	11.1	52.7	136	0.18	113
SOO568	1.50	0.10	6.76	3.0	141	0.27	0.02	3.73	0.27	6.06	47.8	242	0.29	65.9
SOO569	1.32	0.12	6.38	3.9	287	0.29	0.01	4.32	0.11	10.1	45.7	102	0.27	81.9
SOO570	1.12	0.33	7.45	2.1	70	0.18	0.03	7.36	0.17	7.50	50.1	293	0.17	103
SOO571	1.80	0.10	4.27	0.2	822	1.20	0.05	1.73	0.13	15.0	6.65	52.4	0.15	12.4
SOO572	2.10	0.10	0.13	12.8	4	0.90	0.05	0.07	0.03	6.10	1.35	41.1	0.09	11.3
SOO573	1.90	0.12	8.14	0.9	37	0.17	0.01	5.36	0.14	7.10	53.2	363	0.32	83.6
SOO574	2.02	0.29	2.68	14.7	22	0.63	0.10	1.68	0.23	35.0	133	1710	0.09	368
SOO575	1.54	0.22	4.18	0.6	551	0.85	0.14	1.70	0.20	25.7	8.10	45.9	0.62	15.7
SOO576	1.10	0.28	6.84	4.7	697	0.46	0.13	2.92	0.36	12.3	29.7	274	0.48	149
SOO577	0.90	0.11	6.84	1.7	165	0.29	0.02	3.45	0.11	7.13	52.3	262	0.31	113
SOO578	1.70	0.14	6.35	1.8	112	0.34	0.02	5.30	0.18	11.9	43.8	71.9	0.28	101
SOO579	1.04	0.16	6.53	1.3	1410	1.92	0.11	3.81	0.19	46.2	32.0	634	1.14	68.3
SOO580	1.12	0.26	6.56	0.8	248	0.52	0.05	4.91	0.32	27.9	48.9	46.6	1.98	143
SOO581	2.54	0.09	7.58	1.5	46	0.19	0.02	2.69	0.07	5.30	44.7	251	0.25	135
SOO582	2.86	0.19	6.76	1.1	447	0.66	0.02	3.38	0.15	27.0	26.3	156	0.55	46.7
SOO583	1.66	0.07	5.81	0.5	314	0.55	0.02	3.33	0.12	21.7	22.4	79.1	0.81	36.2
SOO584	1.78	0.16	7.27	0.4	96	0.63	0.01	2.74	0.13	28.9	31.5	121	0.33	14.7
SOO585	1.56	0.12	6.84	<0.2	35	0.16	0.01	5.13	0.13	8.37	43.1	127	0.42	84.8
SOO586	2.26	0.13	6.68	9.6	13	0.19	0.01	4.39	0.19	7.27	44.6	131	0.16	118
SOO587	1.08	0.08	4.37	3.2	604	1.26	0.07	0.63	0.07	30.1	11.8	13.7	1.80	5.0
SOO588	2.32	0.10	6.85	0.6	34	0.15	0.01	5.21	0.09	9.73	42.3	179	0.20	116
SOO589	1.24	0.10	5.90	1.1	41	0.22	0.01	3.87	0.09	5.69	44.5	96.9	0.22	79.8
SOO590	2.80	0.08	6.84	0.7	116	0.29	0.01	3.80	0.09	6.58	45.4	149	0.22	<0.2
SOO591	1.74	0.21	5.14	0.8	161	0.55	0.01	2.52	0.17	15.9	33.0	2.3	3.36	31.3
SOO592	2.58	0.03	0.83	0.8	20	<0.05	<0.01	0.20	0.03	0.61	15.3	48.3	0.12	76.2

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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2
SOO593	1.86	0.07	6.56	<0.2	106	0.23	<0.01	5.86	0.11	7.47	45.6	206	0.32	122
SOO594	3.10	0.16	4.88	6.3	115	0.32	0.03	1.23	0.21	5.85	52.9	217	0.49	85.4
SOO595	1.14	0.14	5.54	1.9	38	0.32	0.02	6.17	0.13	11.4	45.8	67.0	0.13	80.8
SOO596	2.50	0.11	6.79	1.3	14	0.21	0.01	7.57	0.11	7.28	48.0	248	0.08	72.9
SOO597	1.42	0.11	4.99	0.4	20	0.25	0.01	7.21	0.14	8.36	45.4	222	0.12	81.4
SOO598	1.60	0.09	6.15	1.7	20	0.30	0.01	6.19	0.05	6.40	56.5	154	0.11	127
SOO599	2.84	0.09	6.94	1.2	132	0.19	<0.01	7.05	0.29	5.47	45.9	313	0.56	127
SOO600	1.72	0.15	6.87	2.4	20	0.24	0.02	6.14	0.32	7.20	52.8	165	0.35	93.0
SOO601	2.24	0.19	7.11	1.0	85	0.17	0.04	7.45	0.14	5.98	49.8	322	0.23	104
SOO602	1.60	0.32	7.64	1.5	120	0.29	0.02	7.26	0.38	9.44	49.1	201	0.42	108
SOO603	0.96	0.19	5.22	2.3	171	0.12	0.06	7.36	0.11	4.88	45.1	311	0.40	54.7
SOO604	1.24	0.11	3.52	0.8	788	1.15	0.09	1.64	0.08	23.1	7.86	22.0	2.13	4.0
SOO605	1.36	0.10	6.24	2.4	51	0.22	0.01	6.38	0.12	7.54	48.0	267	0.18	44.1
SOO606	1.22	0.13	6.47	2.9	109	0.23	0.02	5.83	0.11	8.14	48.5	304	0.12	76.6
SOO607	1.02	0.17	6.04	2.3	60	0.38	0.02	6.24	0.13	12.0	56.0	95.0	0.17	98.8
SOO608	2.58	0.11	5.96	1.0	60	0.22	0.01	5.94	0.12	6.87	46.5	87.3	0.12	77.8
SOO609	1.90	0.10	7.89	5.2	109	0.25	0.03	6.79	0.19	9.06	49.0	94.6	0.29	95.6
SOO610	1.40	0.41	5.29	1.5	60	0.11	0.13	3.57	0.09	6.41	190	82.1	0.21	862
SOO611	1.56	0.13	6.94	7.2	15	0.20	0.02	8.06	0.16	8.92	43.7	171	0.16	64.9
SOO612	1.26	0.12	6.92	6.2	25	0.24	0.01	5.24	0.11	8.26	50.0	211	0.13	72.5
SOO613	2.22	0.14	2.66	1.6	123	0.63	0.05	1.35	0.11	10.7	5.08	13.3	1.01	9.8
SOO614	2.10	0.12	5.55	0.7	68	0.30	0.04	7.13	0.12	6.09	52.8	255	0.18	80.4
SOO615	2.88	0.12	6.56	1.6	144	0.25	0.02	6.34	0.14	8.36	49.4	131	0.34	106
SOO616	3.00	0.13	6.43	1.3	56	0.16	0.02	7.08	0.15	6.11	52.8	303	0.20	115
SOO617	1.32	0.17	5.10	9.9	795	0.91	0.15	1.59	0.18	27.4	18.0	28.9	0.36	24.5
SOO618	1.80	0.08	6.85	3.7	156	0.13	0.02	5.57	0.11	4.40	52.7	146	0.96	106
SOO619	2.56	0.55	5.94	0.9	37	0.22	0.02	5.75	0.09	5.99	46.8	200	0.88	120
SOO620	1.64	0.19	4.31	2.5	108	0.61	0.09	0.75	0.10	12.0	20.2	58.2	0.36	104
SOO621	2.96	0.22	7.60	1.4	43	0.24	0.02	6.26	0.41	6.77	51.5	264	0.35	107
SOO622	2.16	0.13	7.88	0.6	36	0.27	0.02	4.88	0.14	6.07	50.5	336	0.21	110
SOO623	1.62	0.19	6.49	0.3	53	0.46	<0.01	4.87	0.13	18.8	46.8	51.0	0.29	101

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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2
SOO624	2.12	0.16	6.91	0.3	133	0.29	0.04	7.35	0.15	8.62	47.2	243	0.39	101
SOO625	1.44	0.08	4.56	0.4	260	0.22	<0.01	13.6	0.13	5.78	39.2	176	0.68	63.7
SOO626	3.04	0.21	6.38	0.9	111	0.50	0.20	8.14	0.17	16.1	51.3	48.9	0.61	80.3
SOO627	2.48	0.21	6.79	0.3	90	0.46	0.01	5.96	0.13	15.4	50.9	44.0	7.53	134
SOO628	2.34	0.21	6.69	<0.2	52	0.51	0.04	5.62	0.18	20.1	56.6	37.2	0.72	191
SOO629	1.42	0.13	7.28	<0.2	451	0.23	0.02	6.77	0.16	9.46	51.1	191	0.90	92.8
SOO630	2.22	0.20	7.38	0.3	115	0.45	0.02	4.94	0.14	15.7	53.9	47.2	0.61	128
SOO631	1.34	0.21	6.93	2.5	68	0.23	0.17	4.38	0.13	8.65	65.5	52.7	0.78	148
SOO632	2.02	0.14	5.85	0.5	167	0.85	0.08	3.26	0.26	37.4	42.7	13.5	0.87	23.7
SOO633	1.52	1.71	7.26	19.4	284	0.51	0.44	0.64	24.1	10.8	26.6	48.1	1.83	161
SOO634	2.40	0.17	8.26	0.4	66	0.36	<0.01	6.00	0.20	11.7	52.3	163	0.23	85.0
SOO635	0.84	0.17	5.95	0.8	71	0.28	0.02	4.87	0.59	9.95	53.7	29.9	0.33	116
SOO636	1.76	0.06	1.25	0.3	64	0.08	<0.01	0.63	0.09	8.44	0.80	6.2	0.13	3.4
SOO637	2.62	0.18	2.91	0.2	59	0.47	0.06	12.4	0.65	23.4	10.8	68.2	0.31	60.1
SOO638	2.48	0.37	6.34	21.1	123	0.88	0.28	0.50	4.98	6.51	19.5	25.7	0.26	183
SOO639	2.26	0.10	7.73	4.6	122	0.74	0.01	2.34	0.20	19.0	39.7	127	0.31	51.0
SOO640	2.14	0.20	9.07	0.7	620	1.12	0.55	1.89	0.15	12.7	9.70	20.9	1.32	42.2
SOO641	1.62	0.11	7.11	0.6	27	0.22	0.02	7.86	0.17	7.01	47.4	83.9	0.24	267
SOO642	2.02	0.08	6.96	<0.2	67	0.16	0.02	5.49	0.10	6.41	55.7	405	0.21	11.5
SOO643	1.32	0.10	8.38	5.2	139	0.28	0.01	6.81	0.09	8.37	46.6	84.3	0.44	83.1
SOO644	1.38	0.09	1.50	2.5	15	0.09	<0.01	1.20	0.11	2.52	117	1820	1.33	57.0
SOO645	2.44	0.08	7.37	1.0	29	0.16	<0.01	6.36	0.08	5.72	52.1	332	0.22	68.0
SOO646	2.68	0.12	3.67	1.2	180	0.63	0.19	1.63	0.28	19.3	7.44	32.2	0.96	22.6
SOO647	3.08	0.12	7.19	0.4	66	0.30	0.02	5.28	0.21	8.79	51.2	15.5	0.31	130
SOO648	1.52	0.16	6.40	<0.2	266	0.76	0.05	2.20	0.10	16.9	9.36	18.7	1.07	28.8
SOO649	3.38	0.12	7.12	0.8	17	0.31	<0.01	6.19	0.18	8.05	57.3	208	0.19	135
SOO650	2.62	0.12	7.72	2.0	33	0.22	0.02	6.74	0.14	7.11	53.6	291	0.23	116
SOO710	2.34	0.15	7.08	2.4	52	0.24	0.09	7.93	0.13	7.30	57.9	205	0.29	124
SOO711	1.64	0.09	6.02	1.2	47	0.28	0.02	5.33	0.14	5.58	49.1	242	0.12	57.9
SOO712	1.96	0.14	7.72	0.6	94	0.47	0.02	5.84	0.14	11.4	50.3	189	0.25	85.2
SOO701	2.30	0.11	7.69	0.6	102	0.22	0.02	7.93	0.16	7.60	58.5	169	0.70	94.1

Certified By:

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2
SOO702	2.74	0.08	7.06	<0.2	30	0.17	0.01	6.78	0.12	6.05	46.7	308	0.32	82.2
SOO703	2.08	0.11	7.41	1.9	52	0.17	0.01	6.24	0.13	6.33	55.6	337	1.05	116
SOO704	2.72	0.14	6.48	0.9	50	0.38	0.02	6.16	0.14	9.44	47.8	102	0.79	81.5
SOO705	2.68	0.12	7.62	0.6	71	0.35	0.01	5.78	0.17	9.07	56.4	284	0.34	98.5
SOO706	2.98	0.13	7.04	1.1	6	0.21	0.02	5.40	0.08	5.13	54.7	211	0.10	117
SOO707	2.10	0.37	8.35	2.5	24	0.33	0.02	2.58	0.09	8.48	51.7	250	0.17	67.8
SOO708	1.50	0.36	7.33	2.2	22	0.35	0.02	2.36	0.09	8.98	50.7	232	0.21	67.2
SOO709	3.52	0.23	7.06	1.2	114	0.47	0.02	5.96	0.22	24.8	41.8	149	0.51	65.2
SOO713	1.06	0.13	7.87	0.6	59	0.24	0.01	6.80	0.15	7.77	55.3	220	0.29	106
SOO714	2.04	0.09	7.16	0.7	26	0.21	<0.01	9.10	0.12	5.47	56.4	243	0.12	134
SOO715	2.50	0.10	8.71	0.2	69	0.22	0.01	6.69	0.08	6.47	54.6	242	0.45	97.2
SOO716	3.58	0.11	7.53	0.8	374	0.34	0.02	5.83	0.15	8.14	51.9	130	0.38	99.2
SOO717	2.00	0.12	7.00	0.7	1030	1.24	0.08	2.31	0.11	46.0	16.3	96.9	0.50	5.1

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CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Unit:	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description RDL:	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2
SOO562	6.80	17.3	0.21	0.7	0.069	0.58	2.8	16.1	2.84	1160	0.79	1.29	2.3	112
SOO563	8.82	17.2	0.33	1.1	0.074	0.04	3.3	6.9	2.84	1500	0.72	1.59	3.6	86.4
SOO564	10.2	18.9	0.31	1.6	0.079	0.08	4.0	11.1	2.83	1830	0.40	1.34	3.7	93.8
SOO565	7.54	15.3	0.32	0.7	0.057	0.09	2.2	18.2	4.43	1340	0.85	1.49	2.6	108
SOO566	0.80	24.5	0.08	1.9	0.019	1.76	2.9	10.3	0.23	84	1.19	3.84	0.8	5.2
SOO567	9.65	18.9	0.34	1.5	0.078	0.06	4.1	8.0	3.58	1630	0.68	1.20	3.7	98.7
SOO568	7.05	17.7	0.26	0.8	0.059	0.47	2.1	22.1	2.16	1550	0.52	2.08	2.3	135
SOO569	9.01	19.3	0.47	1.6	0.083	0.81	3.6	16.0	4.06	1500	0.54	1.43	3.7	54.0
SOO570	7.71	17.4	0.12	1.2	0.070	0.32	2.7	9.9	2.51	1650	0.86	1.95	2.9	117
SOO571	1.42	24.2	0.23	2.2	0.027	1.45	6.7	6.6	0.62	203	1.82	4.22	2.8	12.9
SOO572	17.4	1.01	0.35	0.1	0.038	0.03	3.1	0.8	0.04	80	2.48	0.03	0.5	5.1
SOO573	9.14	17.5	0.38	0.9	0.067	0.12	2.5	26.1	3.27	1870	0.73	0.97	3.2	155
SOO574	12.6	11.0	1.45	2.0	0.073	0.02	15.8	7.8	7.42	904	1.69	0.02	5.6	1030
SOO575	2.44	17.6	0.46	3.0	0.039	2.45	10.6	13.3	0.76	348	1.87	1.38	7.3	12.3
SOO576	6.81	19.3	0.60	1.3	0.090	1.62	6.0	21.0	2.53	1330	1.41	2.26	3.8	70.7
SOO577	6.76	18.3	0.47	1.0	0.066	0.43	2.9	19.0	1.97	1380	0.47	1.63	2.0	149
SOO578	9.01	18.6	0.44	1.9	0.081	0.17	4.5	10.0	2.97	1570	0.45	1.67	3.8	50.3
SOO579	4.83	15.8	0.30	2.8	0.046	3.61	22.1	10.8	4.90	880	0.30	1.34	5.3	169
SOO580	9.31	19.6	0.67	3.0	0.083	1.24	13.3	9.3	3.19	1560	0.61	2.68	7.0	58.2
SOO581	5.96	17.8	0.31	1.3	0.061	0.07	2.0	69.9	3.13	1270	0.18	3.39	2.2	89.0
SOO582	4.36	19.9	0.27	2.6	0.042	1.62	12.4	10.9	2.43	761	1.50	2.46	5.5	93.9
SOO583	4.01	20.2	0.17	1.3	0.033	1.03	9.1	7.8	1.48	551	0.32	2.80	2.0	42.1
SOO584	5.40	19.0	0.30	3.0	0.043	0.27	13.0	13.1	3.20	792	0.77	3.46	5.9	104
SOO585	8.53	15.7	0.58	1.1	0.065	0.07	3.2	9.1	3.20	1590	0.21	2.93	3.0	65.9
SOO586	8.56	16.1	0.44	1.2	0.064	0.03	2.6	40.4	3.11	1400	0.17	1.78	3.1	69.9
SOO587	2.01	19.7	0.18	1.8	0.025	1.88	14.1	21.1	0.70	263	0.25	4.34	2.2	14.2
SOO588	7.38	16.6	0.27	0.7	0.061	0.07	3.7	11.6	3.78	1560	0.15	1.68	2.6	60.7
SOO589	8.01	14.8	0.32	0.7	0.064	0.25	1.9	10.8	3.51	1510	0.22	2.44	2.3	61.3
SOO590	7.57	14.1	0.38	0.7	0.032	0.20	2.5	11.1	5.19	1240	0.09	2.40	2.1	80.5
SOO591	11.1	23.1	0.88	2.6	0.127	0.17	5.0	4.9	1.87	1590	0.52	2.33	8.0	<0.2
SOO592	1.98	2.29	0.13	<0.1	0.006	0.05	<0.5	2.0	0.54	202	0.66	0.11	0.3	30.4
SOO593	7.49	17.0	0.47	1.1	0.055	0.39	2.9	19.0	1.99	1140	0.27	1.19	0.9	113

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CANADA L4Z 1N9
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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Unit:	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description RDL:	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2
SOO594	11.7	18.4	0.41	1.0	0.066	0.57	2.2	38.4	1.70	1100	0.54	1.07	3.4	85.5
SOO595	8.33	19.6	0.37	1.0	0.087	0.12	4.0	9.0	2.35	1560	0.33	1.78	3.9	48.1
SOO596	8.97	17.9	0.19	0.8	0.063	0.04	2.6	14.5	4.09	1760	0.22	0.89	2.9	127
SOO597	7.44	17.8	0.14	1.0	0.067	0.02	3.0	7.2	3.64	1450	0.32	1.27	3.4	125
SOO598	7.61	17.5	0.22	0.8	0.071	0.04	2.3	13.5	2.10	2140	0.29	1.71	2.4	133
SOO599	7.41	15.5	0.12	0.9	0.056	0.39	2.0	16.3	4.66	1500	0.17	1.68	1.8	122
SOO600	7.33	21.9	0.34	1.9	0.073	0.03	2.7	15.1	2.33	2100	0.30	1.71	2.7	119
SOO601	7.81	16.0	0.45	0.7	0.049	0.31	2.3	11.8	4.66	1410	0.42	1.05	2.0	103
SOO602	9.02	18.4	0.62	0.9	0.074	0.52	3.6	8.5	3.72	1710	0.47	2.11	3.1	98.7
SOO603	8.81	16.4	0.41	0.6	0.061	0.52	1.8	19.5	4.04	1930	0.30	0.98	1.9	103
SOO604	1.62	21.2	0.52	1.4	0.022	1.53	9.2	16.6	0.66	265	0.19	3.61	2.9	13.3
SOO605	7.88	17.5	0.53	0.8	0.062	0.11	2.7	17.6	4.74	1410	0.23	1.24	2.9	125
SOO606	8.24	19.0	0.60	0.8	0.067	0.21	2.9	12.6	3.14	1730	0.45	1.03	3.2	120
SOO607	9.43	18.8	0.48	1.0	0.075	0.13	4.2	7.9	2.89	1730	0.42	1.49	5.1	76.0
SOO608	8.49	16.2	0.53	0.7	0.063	0.19	2.5	12.9	3.26	1700	0.23	1.19	2.2	64.2
SOO609	7.25	19.2	0.59	1.0	0.077	0.32	3.6	13.4	2.50	1620	0.29	1.70	2.4	68.7
SOO610	24.2	15.6	0.45	0.7	0.088	0.25	2.5	7.2	2.27	1280	1.10	1.03	2.1	14.1
SOO611	7.93	19.5	0.93	0.8	0.065	0.06	3.4	10.5	3.58	1370	0.26	0.23	3.0	76.7
SOO612	7.62	17.0	0.73	0.9	0.072	0.11	3.0	13.2	3.47	1470	0.45	2.08	2.8	117
SOO613	1.23	17.1	0.43	1.6	0.007	1.03	4.3	17.9	0.39	365	0.50	2.65	1.3	6.1
SOO614	7.97	18.2	0.47	0.9	0.060	0.13	2.1	8.8	3.57	1470	0.33	1.56	2.5	146
SOO615	7.83	18.1	0.60	1.1	0.068	0.20	3.1	14.6	3.96	2070	0.47	1.20	3.1	60.9
SOO616	7.62	15.8	0.48	0.7	0.060	0.26	2.2	12.1	4.30	1460	0.57	1.48	1.9	107
SOO617	3.13	20.5	0.55	3.5	0.038	1.79	13.2	14.8	1.07	478	0.81	1.99	6.7	23.6
SOO618	8.16	16.2	0.37	0.6	0.060	0.52	1.8	32.4	3.59	1750	0.28	1.46	1.5	112
SOO619	6.91	14.5	0.61	0.7	0.048	0.10	2.3	19.5	3.83	1410	1.21	1.95	2.0	96.9
SOO620	3.81	17.9	0.19	2.4	0.031	0.26	5.4	23.3	1.23	384	1.85	3.98	3.1	30.2
SOO621	7.22	17.6	0.48	1.0	0.063	0.18	2.5	28.7	4.52	1360	0.88	1.51	2.4	120
SOO622	7.79	17.9	0.94	1.0	0.068	0.08	2.3	15.6	4.03	1970	0.29	1.83	2.1	111
SOO623	10.1	21.2	0.88	2.1	0.102	0.17	7.3	15.1	2.90	1460	0.58	2.31	6.0	33.5
SOO624	6.58	16.4	0.30	1.2	0.059	0.40	3.2	18.7	2.10	2280	0.34	1.52	1.5	117
SOO625	6.03	12.3	0.09	0.9	0.043	0.62	2.1	21.1	1.69	4680	0.30	0.67	1.3	82.2

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AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Unit:	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description RDL:	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2
SOO626	8.38	18.0	0.67	1.8	0.073	0.16	6.5	8.8	2.48	2590	0.65	2.40	5.2	40.1
SOO627	9.99	21.1	0.90	1.8	0.078	0.73	5.7	17.3	3.03	1650	0.40	2.13	5.8	34.7
SOO628	10.4	20.5	0.19	1.8	0.092	0.31	7.4	7.5	2.86	1690	0.53	2.31	6.3	34.5
SOO629	9.08	19.2	0.77	1.5	0.072	0.72	3.5	18.2	3.85	1670	0.37	1.31	3.2	71.5
SOO630	8.53	23.0	0.59	1.8	0.091	0.37	5.8	25.3	3.16	2430	0.58	1.48	6.3	39.3
SOO631	10.6	20.3	0.60	1.1	0.083	0.43	3.6	18.2	2.85	1600	0.59	2.76	2.6	29.9
SOO632	3.11	20.4	1.55	4.1	0.069	0.62	16.9	20.4	0.90	467	1.73	1.69	4.0	112
SOO633	5.34	20.6	0.33	2.3	0.147	1.68	4.3	31.1	1.14	420	2.86	0.98	0.9	25.0
SOO634	8.64	20.4	0.50	1.4	0.074	0.11	4.2	13.4	4.53	1290	0.45	1.67	4.0	129
SOO635	10.4	20.4	0.18	1.1	0.096	0.43	3.7	7.8	3.05	1620	0.44	2.07	3.6	40.8
SOO636	0.59	1.60	<0.05	0.7	0.007	0.14	3.8	0.8	0.24	150	0.43	0.55	0.5	0.7
SOO637	6.69	10.8	0.05	1.4	0.089	0.31	10.6	14.1	0.89	2480	1.87	0.07	1.1	18.6
SOO638	11.5	20.9	1.01	2.6	0.438	0.78	2.7	21.1	1.27	340	2.85	0.14	0.7	16.7
SOO639	7.60	22.5	0.28	2.6	0.084	0.62	7.4	42.6	3.20	1180	0.59	1.25	1.3	92.0
SOO640	3.16	18.4	0.42	2.2	0.016	2.91	5.9	23.7	0.78	514	2.32	1.38	5.7	14.5
SOO641	8.26	17.0	0.37	0.8	0.076	0.09	2.5	15.9	3.15	1470	0.84	0.84	2.2	52.4
SOO642	7.73	15.6	0.30	1.0	0.057	0.25	2.4	32.2	5.71	1400	0.35	2.39	2.2	191
SOO643	5.45	15.2	0.35	0.8	0.059	0.41	3.2	14.3	3.96	1080	0.52	2.23	2.9	67.2
SOO644	7.90	4.34	0.50	0.5	0.021	0.03	0.9	22.4	19.1	1520	0.16	0.05	1.2	1140
SOO645	7.37	15.1	0.19	0.8	0.058	0.14	2.1	21.7	3.14	1410	0.32	1.18	1.9	119
SOO646	2.88	11.6	0.64	2.2	0.036	1.45	9.3	8.3	0.42	857	1.53	0.62	2.1	16.5
SOO647	10.2	19.5	0.42	1.2	0.080	0.10	3.2	5.5	3.05	1670	0.54	2.75	3.0	28.5
SOO648	2.00	17.1	0.18	1.8	0.018	1.19	8.3	11.8	0.72	338	0.75	2.19	2.4	13.1
SOO649	8.32	17.9	0.43	0.9	0.073	0.05	2.8	12.4	3.90	2000	0.30	1.75	2.8	122
SOO650	7.79	17.0	0.37	0.9	0.063	0.09	2.7	26.6	4.91	1580	0.42	1.55	1.9	112
SOO710	8.51	18.4	0.33	0.7	0.073	0.25	2.7	9.7	3.62	1480	2.10	1.06	2.4	127
SOO711	7.14	13.2	0.25	0.5	0.050	0.16	2.1	16.1	2.67	1370	0.59	1.41	2.4	112
SOO712	8.57	17.1	0.45	1.1	0.071	0.41	4.8	12.8	3.27	1520	0.55	2.09	3.2	92.5
SOO701	9.26	18.8	0.65	1.0	0.074	0.17	2.8	9.4	3.38	1920	0.41	1.11	2.4	119
SOO702	7.15	16.4	0.56	0.9	0.059	0.13	2.3	11.5	3.51	1670	0.35	1.24	1.8	97.2
SOO703	7.42	16.9	0.38	0.9	0.066	0.15	3.1	20.2	4.51	1760	0.29	1.16	1.9	126
SOO704	9.62	19.4	0.42	1.6	0.089	0.14	3.4	8.5	3.75	1610	0.40	1.66	3.6	47.5

Certified By:

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AGAT Laboratories

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CANADA L4Z 1N9
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FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Unit:	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description RDL:	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.2
SOO705	6.43	18.2	0.40	1.5	0.071	0.17	3.5	15.0	3.16	1600	0.28	2.34	3.0	111
SOO706	7.64	15.9	0.63	0.6	0.057	0.02	1.9	12.3	5.61	1310	0.19	1.62	2.0	140
SOO707	7.33	19.5	0.23	0.7	0.081	0.02	3.0	32.9	2.45	1280	0.34	3.40	3.4	114
SOO708	6.74	18.5	0.19	0.7	0.078	0.02	3.2	31.5	2.23	1240	0.30	3.17	3.5	104
SOO709	6.86	23.1	0.49	2.3	0.073	0.42	10.2	12.6	2.16	1440	1.01	1.93	7.6	69.2
SOO713	8.57	17.8	0.23	0.8	0.068	0.36	2.9	23.3	4.22	1450	0.39	1.62	2.4	130
SOO714	6.68	16.9	0.50	0.9	0.055	0.04	2.0	15.2	3.38	1510	0.33	1.84	1.8	132
SOO715	8.77	17.9	0.53	0.6	0.067	0.24	2.4	20.5	3.98	1430	0.28	2.09	2.3	115
SOO716	8.67	18.6	0.75	1.0	0.077	0.33	3.1	15.6	4.51	1510	0.24	1.67	2.9	80.3
SOO717	2.84	21.5	0.16	1.0	0.031	1.90	23.4	23.0	1.69	456	1.59	2.77	3.8	48.9

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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	10	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01
SOO562	357	8.7	9.6	0.005	0.12	0.18	28.9	<0.5	0.5	74.3	0.40	0.03	0.2	0.10
SOO563	370	14.1	1.0	0.005	0.31	0.36	35.7	1.2	0.7	110	0.29	0.02	0.3	0.56
SOO564	359	4.4	2.3	0.005	0.06	0.10	40.7	0.7	0.8	139	0.31	0.02	0.4	0.63
SOO565	255	4.4	2.2	0.005	0.16	0.41	36.5	0.7	0.5	155	0.24	0.02	0.2	0.45
SOO566	202	21.6	45.8	0.003	0.02	0.13	1.1	<0.5	0.7	201	0.06	0.05	0.7	0.06
SOO567	377	3.4	1.5	0.005	0.11	0.58	41.5	0.9	0.8	163	0.28	0.01	0.3	0.64
SOO568	236	2.4	10.1	0.005	0.05	0.08	34.8	0.6	0.5	92.4	0.18	0.01	0.2	0.49
SOO569	420	1.8	8.1	0.005	0.07	0.12	41.4	0.9	0.6	89.0	0.27	<0.01	0.3	0.70
SOO570	243	2.5	5.3	0.004	0.19	0.17	42.1	1.1	0.5	126	0.21	0.02	0.3	0.55
SOO571	498	15.8	11.1	0.004	0.06	0.09	3.4	<0.5	0.9	500	0.21	<0.01	1.9	0.18
SOO572	395	2.2	0.6	0.004	0.01	0.28	0.8	<0.5	0.3	5.3	<0.05	0.04	0.1	0.01
SOO573	302	2.0	3.7	0.005	0.01	0.12	43.7	0.6	0.5	132	0.25	0.03	0.2	0.58
SOO574	456	2.8	0.3	0.005	1.70	1.97	33.6	1.3	0.5	23.6	0.34	0.08	1.3	0.22
SOO575	374	9.1	37.5	0.004	0.39	0.09	6.9	0.6	1.4	59.5	0.73	0.02	2.7	0.23
SOO576	263	7.8	26.5	0.006	0.88	0.15	33.5	1.9	1.2	155	0.30	0.09	0.9	0.47
SOO577	258	2.2	8.5	0.005	0.07	0.11	37.4	0.7	0.5	95.1	0.18	0.03	0.3	0.33
SOO578	434	1.8	3.1	0.005	0.05	0.09	41.2	0.9	0.7	70.8	0.27	0.01	0.4	0.72
SOO579	1850	8.5	104	0.005	0.01	0.13	16.3	0.5	1.1	666	0.36	0.02	3.4	0.38
SOO580	481	4.2	57.4	0.005	0.12	0.44	39.1	1.1	1.4	315	0.51	0.03	2.7	0.68
SOO581	285	1.0	2.4	0.004	0.08	1.15	43.5	0.8	0.5	46.1	0.16	0.03	0.3	0.54
SOO582	626	3.3	23.7	0.004	0.02	0.08	17.0	0.5	1.0	258	0.39	<0.01	1.6	0.45
SOO583	466	2.8	14.6	0.004	0.02	0.30	15.4	<0.5	0.4	248	0.15	<0.01	0.7	0.30
SOO584	547	2.1	5.3	0.004	<0.01	0.30	21.5	0.5	0.9	239	0.39	<0.01	1.8	0.45
SOO585	312	1.5	1.6	0.005	0.13	0.13	39.8	0.9	0.6	61.6	0.22	0.02	0.3	0.57
SOO586	317	0.8	0.9	0.005	0.05	0.57	40.3	0.9	0.7	44.2	0.73	0.04	0.4	0.58
SOO587	726	2.3	39.4	0.004	<0.01	0.26	2.7	<0.5	0.5	260	0.18	<0.01	0.9	0.23
SOO588	273	1.5	1.3	0.004	0.03	0.12	37.8	0.6	0.5	86.1	0.24	0.02	0.2	0.51
SOO589	263	1.8	2.8	0.004	0.07	0.14	34.4	0.7	0.5	60.7	0.20	0.01	0.2	0.54
SOO590	339	1.6	4.3	0.003	<0.01	0.06	36.4	0.6	0.3	129	0.20	0.01	0.2	0.49
SOO591	811	1.7	6.0	0.005	0.02	0.17	32.5	1.2	0.7	103	0.61	0.02	0.7	1.05
SOO592	32	0.6	1.6	0.004	0.08	<0.05	5.3	0.6	<0.2	2.9	<0.05	0.05	<0.1	0.07
SOO593	302	0.6	9.5	0.004	0.02	<0.05	25.3	<0.5	0.3	81.6	0.10	<0.01	0.3	0.19

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	10	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01
SOO594	324	5.1	10.9	0.005	7.62	1.14	26.8	1.1	0.7	109	0.27	0.03	0.3	0.58
SOO595	462	1.3	1.8	0.006	0.11	0.10	36.4	1.1	0.9	107	0.29	0.01	0.3	0.71
SOO596	272	1.8	0.4	0.004	0.11	0.16	34.9	0.7	0.5	118	0.23	<0.01	0.2	0.57
SOO597	380	1.7	0.5	0.004	0.09	0.38	27.7	0.8	0.6	167	0.26	0.02	0.2	0.56
SOO598	280	1.0	0.2	0.005	0.06	0.36	36.0	0.9	0.5	98.6	0.19	0.02	0.2	0.55
SOO599	229	2.3	8.9	0.004	0.06	0.21	41.6	0.7	0.3	142	0.15	0.02	0.2	0.39
SOO600	240	1.3	1.3	0.005	0.04	0.40	39.6	0.7	0.6	151	0.21	0.02	0.3	0.54
SOO601	207	2.9	13.5	0.005	0.09	0.17	43.0	0.9	2.6	188	0.19	0.02	0.2	0.41
SOO602	335	22.0	15.6	0.005	0.07	0.09	42.0	0.9	0.7	148	0.25	0.02	0.4	0.60
SOO603	252	4.5	12.2	0.005	0.07	0.28	35.7	0.9	0.4	214	0.16	0.05	0.2	0.38
SOO604	495	15.4	25.7	0.005	<0.01	0.08	3.5	<0.5	0.6	525	0.23	<0.01	2.1	0.20
SOO605	258	1.8	1.8	0.004	<0.01	0.19	33.6	0.6	0.5	169	0.24	0.01	0.2	0.52
SOO606	318	3.0	3.4	0.004	0.05	0.15	35.7	1.4	0.6	129	0.25	0.02	0.3	0.57
SOO607	375	1.9	3.2	0.004	0.07	0.21	32.4	1.1	1.0	169	0.37	0.01	0.3	0.79
SOO608	313	1.4	3.0	0.004	0.03	0.13	35.9	0.7	0.5	116	0.17	0.02	0.2	0.49
SOO609	336	2.5	10.7	0.005	0.04	0.16	44.5	0.8	0.6	110	0.19	0.03	0.3	0.54
SOO610	293	4.6	8.0	0.006	3.55	0.28	31.4	1.8	1.0	73.5	0.14	0.16	0.3	0.36
SOO611	291	2.5	1.2	0.006	0.02	0.23	38.1	0.8	0.6	144	0.66	0.03	0.4	0.52
SOO612	264	1.3	1.5	0.006	0.11	0.16	39.0	1.0	0.8	102	0.25	0.02	0.4	0.52
SOO613	291	84.1	20.6	0.004	1.13	0.44	1.9	0.7	0.5	131	0.17	<0.01	0.9	0.05
SOO614	274	3.0	2.0	0.005	0.05	0.14	28.2	0.7	0.5	130	0.20	0.03	0.2	0.46
SOO615	305	2.5	3.5	0.005	0.02	0.20	41.2	0.8	1.2	160	0.24	0.02	0.3	0.55
SOO616	228	6.0	5.4	0.005	0.09	0.16	40.9	0.8	0.7	104	0.17	0.02	0.2	0.40
SOO617	355	5.4	32.8	0.004	0.05	0.09	7.4	<0.5	1.3	114	0.70	0.05	4.7	0.23
SOO618	222	2.1	15.3	0.004	0.04	0.20	41.3	0.6	0.4	164	0.16	0.03	0.2	0.35
SOO619	205	2.4	3.4	0.004	0.03	0.24	35.3	0.6	1.1	175	0.15	0.02	0.3	0.36
SOO620	423	2.6	5.9	0.005	0.39	0.26	7.6	0.8	1.0	73.3	0.34	0.12	1.5	0.20
SOO621	234	20.6	5.6	0.005	0.06	0.76	41.8	1.0	0.5	179	0.21	0.03	0.3	0.45
SOO622	227	5.0	2.1	0.005	0.09	1.48	44.9	0.8	0.6	105	0.18	0.02	0.3	0.46
SOO623	669	3.3	2.9	0.006	0.02	0.21	43.0	1.1	1.0	97.9	0.45	<0.01	0.9	0.96
SOO624	258	4.2	13.8	0.006	0.07	0.06	37.4	0.6	0.9	114	0.13	0.01	0.4	0.26
SOO625	255	1.4	26.5	0.004	0.02	0.06	27.8	<0.5	0.5	103	0.09	0.03	0.2	0.16

Certified By:

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	10	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01
SOO626	537	2.3	5.1	0.005	0.23	0.33	36.5	1.1	1.1	212	0.38	0.04	0.5	0.73
SOO627	432	1.5	44.7	0.005	0.04	0.81	41.0	0.9	1.4	248	0.43	0.02	0.5	0.82
SOO628	465	1.4	8.9	0.005	0.06	0.13	41.9	1.2	0.8	181	0.46	0.01	1.3	0.85
SOO629	314	2.0	33.1	0.006	0.10	0.19	45.8	1.1	2.8	144	0.26	0.02	0.5	0.63
SOO630	516	1.6	14.7	0.005	0.35	0.07	40.4	1.0	0.9	151	0.47	0.01	0.5	0.87
SOO631	358	6.3	15.5	0.005	1.63	0.56	42.1	3.3	0.7	108	0.20	0.20	0.5	0.61
SOO632	913	5.4	19.3	0.004	0.15	0.10	17.4	0.5	1.3	136	0.36	<0.01	3.9	0.14
SOO633	511	304	42.5	0.004	0.27	0.67	18.2	2.0	1.3	79.1	0.08	0.45	1.9	0.06
SOO634	500	2.8	2.9	0.005	0.02	0.12	33.7	0.9	0.5	195	0.30	0.02	0.4	0.71
SOO635	491	8.1	10.6	0.006	0.44	0.09	44.0	1.8	0.7	77.8	0.26	0.04	0.3	0.95
SOO636	85	2.5	4.4	<0.002	0.15	<0.05	2.2	<0.5	<0.2	16.8	<0.05	<0.01	0.8	0.02
SOO637	442	6.7	8.7	0.006	1.03	0.24	10.3	1.3	3.0	57.4	0.10	0.17	0.4	0.13
SOO638	432	15.8	8.5	0.009	2.94	0.26	4.8	5.2	6.4	21.3	0.06	0.73	1.1	0.04
SOO639	823	2.4	13.1	0.004	0.05	0.18	23.0	<0.5	0.6	50.8	0.11	0.02	0.8	0.13
SOO640	286	5.0	44.8	0.004	0.76	0.15	5.1	0.8	1.7	97.8	0.57	0.36	2.4	0.16
SOO641	291	1.4	1.7	0.005	0.08	0.21	38.9	0.9	0.4	200	0.18	0.03	0.2	0.50
SOO642	224	2.0	5.4	0.005	0.01	0.34	47.4	0.6	0.4	167	0.22	0.02	0.2	0.43
SOO643	242	1.8	15.8	0.005	0.02	0.50	43.2	0.5	0.3	129	0.23	0.02	0.3	0.34
SOO644	136	1.5	2.0	0.004	0.04	1.30	14.5	<0.5	0.2	18.1	0.17	0.02	0.2	0.13
SOO645	213	1.7	4.7	0.004	0.02	0.32	44.9	<0.5	0.4	205	0.16	0.02	0.2	0.42
SOO646	183	5.4	21.9	0.003	0.67	0.15	3.3	<0.5	1.0	40.3	0.21	0.05	1.8	0.05
SOO647	398	1.4	0.9	0.005	0.04	0.20	38.9	0.9	0.9	212	0.25	0.02	0.3	0.72
SOO648	292	4.7	26.2	0.004	0.14	0.08	4.3	<0.5	0.6	174	0.29	0.01	1.9	0.13
SOO649	334	0.9	1.5	0.004	0.02	0.28	41.7	0.8	0.7	92.4	0.24	0.01	0.2	0.58
SOO650	222	1.7	2.9	0.005	0.10	0.63	47.2	0.8	0.5	116	0.17	0.03	0.3	0.43
SOO710	295	1.9	8.3	0.007	0.11	0.22	39.5	0.9	0.7	126	0.19	0.03	0.3	0.53
SOO711	228	1.5	3.0	0.004	0.04	0.19	29.5	0.6	0.5	90.9	0.22	0.02	0.2	0.47
SOO712	354	1.5	14.0	0.005	0.06	0.10	40.8	0.8	0.6	112	0.26	0.01	0.6	0.55
SOO701	287	2.6	12.2	0.005	0.05	0.06	45.3	0.8	0.6	130	0.19	0.02	0.3	0.55
SOO702	208	1.6	6.3	0.004	0.09	0.22	46.6	0.7	0.4	105	0.15	0.02	0.3	0.40
SOO703	236	1.3	6.7	0.005	0.04	0.45	49.0	0.6	0.5	104	0.18	0.03	0.3	0.43
SOO704	412	1.9	6.6	0.005	0.10	0.41	49.2	1.0	0.7	105	0.29	0.01	0.3	0.77

Certified By:

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	10	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01
SOO705	319	1.0	5.7	0.005	0.03	0.14	45.9	0.7	0.7	102	0.25	0.01	0.4	0.59
SOO706	203	1.1	0.3	0.004	0.03	0.38	34.5	0.6	0.4	129	0.20	0.02	0.2	0.42
SOO707	372	1.9	0.4	0.004	0.56	0.57	45.3	1.0	0.7	93.2	0.26	0.45	0.3	0.73
SOO708	334	1.8	0.6	0.005	0.52	0.54	44.9	1.1	0.7	90.4	0.60	0.48	0.4	0.68
SOO709	800	1.9	13.8	0.005	0.04	0.30	30.3	1.0	1.1	208	0.60	0.02	1.1	0.76
SOO713	314	6.7	14.2	0.005	0.12	0.11	40.3	0.8	0.5	110	0.23	0.03	0.3	0.54
SOO714	237	0.8	1.0	0.005	0.03	1.67	39.4	0.5	0.5	195	0.17	0.03	0.2	0.42
SOO715	254	1.9	9.6	0.004	0.05	0.14	41.3	0.7	0.5	127	0.20	0.02	0.2	0.53
SOO716	315	2.1	5.9	0.005	0.03	0.16	44.7	0.7	0.6	193	0.24	0.01	0.3	0.56
SOO717	830	12.4	38.0	0.004	<0.01	0.12	8.2	<0.5	0.7	601	0.30	<0.01	4.5	0.30

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FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.005	0.5	0.1	0.1	0.5	0.5
SOO562	0.05	0.052	271	0.2	4.4	113	23.1
SOO563	0.03	0.144	307	0.3	19.1	136	33.6
SOO564	0.01	0.098	329	0.1	23.6	125	46.1
SOO565	0.02	0.073	264	0.2	17.2	90.8	15.6
SOO566	0.34	0.850	25.0	0.7	1.1	76.6	45.9
SOO567	<0.01	0.107	346	0.2	24.1	117	44.3
SOO568	0.13	0.050	291	0.2	14.9	121	25.1
SOO569	0.06	0.098	351	0.3	21.7	93.9	44.6
SOO570	0.07	0.077	286	0.3	19.9	85.9	27.6
SOO571	0.13	1.01	55.6	0.1	2.7	89.4	60.9
SOO572	0.01	0.053	5.2	0.4	7.3	52.8	3.2
SOO573	0.04	0.067	329	0.2	17.1	111	20.4
SOO574	<0.01	0.280	218	0.3	9.0	147	62.8
SOO575	0.48	1.13	60.8	0.3	11.9	77.1	76.5
SOO576	0.38	0.288	242	0.5	14.1	212	34.5
SOO577	0.08	0.089	288	0.1	15.5	93.0	30.5
SOO578	0.02	0.105	364	0.3	23.9	117	57.1
SOO579	0.89	1.28	170	0.4	17.6	66.6	95.5
SOO580	0.31	0.713	371	0.3	29.2	117	90.8
SOO581	0.02	0.065	296	0.1	6.6	78.4	39.8
SOO582	0.12	0.383	140	0.2	13.9	86.0	82.4
SOO583	0.10	0.269	143	0.2	7.4	55.9	33.7
SOO584	0.02	0.390	161	0.2	15.0	78.9	97.3
SOO585	0.01	0.083	313	0.1	19.0	85.8	29.7
SOO586	0.01	0.077	323	0.1	18.7	96.6	32.1
SOO587	0.15	0.771	57.7	0.2	1.6	45.5	48.5
SOO588	0.01	0.053	301	0.4	18.6	86.4	21.4
SOO589	0.08	0.057	316	0.4	12.7	93.0	12.5
SOO590	0.03	0.038	293	0.3	18.0	73.0	18.6
SOO591	0.05	0.289	190	0.3	29.8	115	74.9
SOO592	0.01	0.016	46.2	0.3	1.1	21.5	3.1
SOO593	0.07	0.072	235	<0.1	4.2	81.6	34.1

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FAX (905)501-0589
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AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.005	0.5	0.1	0.1	0.5	0.5
SOO594	0.55	0.117	266	0.4	11.7	251	27.9
SOO595	0.02	0.110	353	0.2	21.3	98.0	24.6
SOO596	0.01	0.089	296	0.4	14.9	96.2	17.5
SOO597	0.01	0.117	278	0.1	12.2	85.9	25.7
SOO598	<0.01	0.066	308	0.2	14.8	73.3	19.4
SOO599	0.08	0.064	278	0.1	14.3	95.6	26.2
SOO600	0.01	0.084	302	0.3	23.2	81.7	255
SOO601	0.07	0.069	277	0.6	16.9	79.8	21.3
SOO602	0.12	0.105	331	0.4	20.7	149	25.2
SOO603	0.13	0.062	280	0.3	12.3	84.4	17.2
SOO604	0.29	0.729	50.0	0.1	3.4	54.5	39.3
SOO605	0.02	0.077	270	0.2	14.1	83.1	19.1
SOO606	0.04	0.093	303	0.2	14.3	94.0	20.3
SOO607	0.03	0.108	306	0.6	14.7	99.0	24.5
SOO608	0.04	0.080	304	0.2	15.0	116	17.8
SOO609	0.07	0.106	333	0.3	20.5	149	30.5
SOO610	0.19	0.120	229	0.3	13.6	106	20.1
SOO611	0.02	0.104	294	0.3	19.1	83.0	22.6
SOO612	0.03	0.102	289	0.4	18.9	83.9	24.8
SOO613	0.14	0.380	26.0	0.2	2.3	40.7	43.9
SOO614	0.06	0.087	275	0.3	11.9	90.5	24.4
SOO615	0.04	0.100	315	0.4	18.1	81.2	32.2
SOO616	0.06	0.078	268	0.4	13.8	80.4	25.1
SOO617	0.29	1.78	73.8	3.3	8.6	67.3	101
SOO618	0.09	0.057	270	0.3	16.4	75.9	14.6
SOO619	0.02	0.065	218	3.4	15.4	74.7	19.9
SOO620	0.06	0.665	100	3.0	6.9	32.8	68.3
SOO621	0.03	0.067	262	0.9	19.1	92.5	24.7
SOO622	0.02	0.080	315	0.2	16.1	93.0	28.4
SOO623	0.03	0.238	390	0.3	34.2	112	62.4
SOO624	0.04	0.087	236	0.4	11.8	74.5	39.9
SOO625	0.10	0.058	182	0.7	12.3	66.5	27.1

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AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.005	0.5	0.1	0.1	0.5	0.5
SOO626	0.03	0.143	286	2.1	20.8	91.2	58.0
SOO627	0.21	0.117	326	0.8	20.8	81.5	50.2
SOO628	0.04	0.154	337	0.3	24.2	109	49.7
SOO629	0.20	0.082	324	0.3	23.5	96.1	39.9
SOO630	0.08	0.149	339	0.2	19.3	104	47.6
SOO631	0.15	0.068	333	1.6	29.3	97.2	25.7
SOO632	0.43	1.12	108	0.3	20.3	84.5	119
SOO633	0.30	0.567	133	0.5	7.4	725	68.9
SOO634	0.02	0.093	237	0.1	28.9	92.6	38.0
SOO635	0.05	0.085	422	0.2	28.3	117	25.9
SOO636	0.14	0.121	7.7	<0.1	4.3	46.1	23.1
SOO637	0.18	0.128	75.7	0.4	19.3	225	111
SOO638	0.51	0.586	57.1	0.1	4.6	1910	76.1
SOO639	0.27	0.182	179	<0.1	9.5	162	77.1
SOO640	0.25	1.07	43.7	0.4	7.4	75.2	59.6
SOO641	0.02	0.085	277	<0.1	17.5	81.0	32.3
SOO642	0.04	0.060	250	0.2	15.5	91.9	31.1
SOO643	0.18	0.087	221	0.2	19.0	56.8	24.5
SOO644	0.08	0.033	86.2	0.4	5.0	43.5	34.6
SOO645	0.04	0.071	283	0.1	13.7	77.7	22.9
SOO646	0.23	0.609	22.9	0.3	7.9	64.6	58.2
SOO647	0.02	0.082	341	0.1	23.5	123	34.6
SOO648	0.19	0.569	41.3	0.3	5.8	35.4	50.5
SOO649	<0.01	0.074	320	0.1	20.3	105	26.6
SOO650	0.04	0.087	268	0.2	16.4	79.7	31.6
SOO710	0.07	0.094	288	0.4	18.5	92.3	22.9
SOO711	0.03	0.088	258	0.2	11.9	81.7	14.2
SOO712	0.06	0.151	280	0.2	21.8	97.5	39.1
SOO701	0.05	0.085	314	0.1	21.3	104	32.8
SOO702	0.05	0.074	272	<0.1	16.1	72.7	26.9
SOO703	0.05	0.074	297	0.1	17.0	84.6	35.1
SOO704	0.04	0.087	388	0.3	24.3	96.3	43.1

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AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.005	0.5	0.1	0.1	0.5	0.5
SOO705	0.05	0.103	320	0.3	20.9	92.6	47.2
SOO706	<0.01	0.051	235	0.1	13.7	77.5	16.4
SOO707	<0.01	0.089	331	18.5	22.4	93.8	20.3
SOO708	<0.01	0.086	318	17.8	22.4	84.6	27.3
SOO709	0.08	0.257	234	0.5	23.8	98.4	76.4
SOO713	0.09	0.092	289	0.8	19.2	97.2	20.4
SOO714	<0.01	0.048	271	0.1	14.0	75.2	25.1
SOO715	0.05	0.063	293	0.2	18.1	90.3	14.0
SOO716	0.05	0.084	325	0.1	19.9	97.2	27.1
SOO717	0.40	1.18	87.7	0.3	7.5	72.0	58.3

Comments: RDL - Reported Detection Limit

3931113-3931218 As, Sb values may be low due to digestion losses.

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AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
SOO562	0.002
SOO563	0.003
SOO564	<0.001
SOO565	0.002
SOO566	0.002
SOO567	<0.001
SOO568	<0.001
SOO569	0.001
SOO570	0.001
SOO571	<0.001
SOO572	0.002
SOO573	<0.001
SOO574	0.006
SOO575	0.004
SOO576	<0.001
SOO577	<0.001
SOO578	<0.001
SOO579	<0.001
SOO580	<0.001
SOO581	0.002
SOO582	<0.001
SOO583	<0.001
SOO584	<0.001
SOO585	<0.001
SOO586	<0.001
SOO587	<0.001
SOO588	0.002
SOO589	0.004
SOO590	<0.001
SOO591	<0.001
SOO592	<0.001
SOO593	<0.001

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PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
SOO594	0.008
SOO595	<0.001
SOO596	<0.001
SOO597	<0.001
SOO598	<0.001
SOO599	0.004
SOO600	<0.001
SOO601	0.002
SOO602	0.001
SOO603	0.004
SOO604	<0.001
SOO605	<0.001
SOO606	0.006
SOO607	<0.001
SOO608	0.003
SOO609	0.002
SOO610	0.017
SOO611	<0.001
SOO612	0.003
SOO613	0.011
SOO614	<0.001
SOO615	0.001
SOO616	0.002
SOO617	0.001
SOO618	0.002
SOO619	0.001
SOO620	0.005
SOO621	<0.001
SOO622	0.008
SOO623	0.004
SOO624	0.042
SOO625	0.003

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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
SOO626	0.001
SOO627	0.001
SOO628	0.004
SOO629	<0.001
SOO630	<0.001
SOO631	<0.001
SOO632	0.001
SOO633	<0.001
SOO634	0.006
SOO635	<0.001
SOO636	0.002
SOO637	0.001
SOO638	0.014
SOO639	<0.001
SOO640	0.003
SOO641	0.006
SOO642	<0.001
SOO643	<0.001
SOO644	0.004
SOO645	<0.001
SOO646	0.004
SOO647	0.003
SOO648	<0.001
SOO649	0.013
SOO650	0.002
SOO710	<0.001
SOO711	<0.001
SOO712	<0.001
SOO701	<0.001
SOO702	0.002
SOO703	0.002
SOO704	<0.001

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

CLIENT NAME: ENTOURAGE METALS LTD

ATTENTION TO: JOHN FLOREK

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Nov 15, 2012 | DATE RECEIVED: Nov 14, 2012 | DATE REPORTED: Nov 30, 2012 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
SOO705	0.002
SOO706	<0.001
SOO707	<0.001
SOO708	0.029
SOO709	0.001
SOO713	0.002
SOO714	0.003
SOO715	<0.001
SOO716	<0.001
SOO717	0.001

Comments: RDL - Reported Detection Limit

Certified By:

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12U663725
PROJECT NO: OCTOBER GOLD ROCK
ATTENTION TO: JOHN FLOREK

Solid Analysis

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3931113	0.002	0.002	0.0%	< 0.001	0.277	0.263	105%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3931125	0.006	0.006	0.0%	< 0.001	1.48	1.52	98%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3931138	< 0.001	0.004		< 0.001	0.275	0.263	105%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3931150	0.004	0.009		< 0.001	1.48	1.52	97%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3931163	0.003	< 0.001		< 0.001	1.52	1.52	100%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3931175	0.042	< 0.001		< 0.001	0.265	0.263	101%	90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3931188	0.001	0.002		< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3931200	0.013	< 0.001		< 0.001				90%	110%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	3931213	0.001	< 0.001		< 0.001				90%	110%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3931113	0.13	0.17	26.7%	< 0.01	11.5	13.0	89%	80%	120%
Al	1	3931113	5.87	5.82	0.9%	< 0.01				80%	120%
As	1	3931113	1.1	1.2	8.7%	0.3				80%	120%
Ba	1	3931113	171	179	4.6%	< 1				80%	120%
Be	1	3931113	0.28	0.30	6.9%	< 0.05	0.4	0.4	92%	80%	120%
Bi	1	3931113	0.05	0.05	0.0%	< 0.01				80%	120%
Ca	1	3931113	4.76	4.77	0.2%	< 0.01				80%	120%
Cd	1	3931113	0.192	0.201	4.6%	< 0.02				80%	120%
Ce	1	3931113	7.87	7.58	3.8%	0.02				80%	120%
Co	1	3931113	53.1	52.2	1.7%	< 0.05				80%	120%
Cr	1	3931113	109	108	0.9%	< 0.5				80%	120%
Cs	1	3931113	0.35	0.36	2.8%	< 0.01				80%	120%
Cu	1	3931113	127	122	4.0%	< 0.2	6362	6000	106%	80%	120%
Fe	1	3931113	6.80	6.88	1.2%	< 0.01				80%	120%
Ga	1	3931113	17.3	17.1	1.2%	< 0.05	8	10	85%	80%	120%
Ge	1	3931113	0.21	0.21	0.0%	< 0.05				80%	120%
Hf	1	3931113	0.7	0.7	0.0%	< 0.1				80%	120%
In	1	3931113	0.069	0.071	2.9%	< 0.005				80%	120%
K	1	3931113	0.58	0.58	0.0%	< 0.01				80%	120%
La	1	3931113	2.82	2.74	2.9%	< 0.5				80%	120%

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AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12U663725
PROJECT NO: OCTOBER GOLD ROCK
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Li	1	3931113	16.1	16.1	0.0%	< 0.1				80%	120%
Mg	1	3931113	2.84	2.83	0.4%	< 0.01				80%	120%
Mn	1	3931113	1160	1170	0.9%	< 1				80%	120%
Mo	1	3931113	0.79	0.56		0.06	352	360	97%	80%	120%
Na	1	3931113	1.29	1.29	0.0%	< 0.01				80%	120%
Nb	1	3931113	2.3	1.4		< 0.1				80%	120%
Ni	1	3931113	112	108	3.6%	0.3				80%	120%
P	1	3931113	357	348	2.6%	< 10	688	600	115%	80%	120%
Pb	1	3931113	8.7	9.7	10.9%	0.3				80%	120%
Rb	1	3931113	9.63	10.0	3.8%	< 0.1				80%	120%
Re	1	3931113	0.0051	0.0044	14.7%	0.004				80%	120%
S	1	3931113	0.12	0.12	0.0%	< 0.01				80%	120%
Sb	1	3931113	0.18	0.14	25.0%	< 0.05				80%	120%
Sc	1	3931113	28.9	27.9	3.5%	< 0.1				80%	120%
Se	1	3931113	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Sn	1	3931113	0.46	0.43	6.7%	< 0.2				80%	120%
Sr	1	3931113	74.3	73.7	0.8%	< 0.2	395	390	101%	80%	120%
Ta	1	3931113	0.40	0.22		< 0.05	1.1	0.9	118%	80%	120%
Te	1	3931113	0.03	0.03	0.0%	0.03				80%	120%
Th	1	3931113	0.2	0.2	0.0%	< 0.1	1.4	1.4	99%	80%	120%
Ti	1	3931113	0.101	0.108	6.7%	< 0.01				80%	120%
Tl	1	3931113	0.05	0.05	0.0%	< 0.01				80%	120%
U	1	3931113	0.052	0.054	3.8%	< 0.005				80%	120%
V	1	3931113	271	263	3.0%	< 0.5				80%	120%
W	1	3931113	0.2	0.1		0.1				80%	120%
Y	1	3931113	4.40	4.48	1.8%	< 0.1				80%	120%
Zn	1	3931113	113	109	3.6%	< 0.5				80%	120%
Zr	1	3931113	23.1	22.6	2.2%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3931125	0.286	0.274	4.3%	< 0.01	11.8	13.0	91%	80%	120%
Al	1	3931125	2.68	2.71	1.1%	< 0.01				80%	120%
As	1	3931125	14.7	14.1	4.2%	0.3				80%	120%
Ba	1	3931125	22	23	4.4%	1				80%	120%
Be	1	3931125	0.63	0.65	3.1%	< 0.05	0.4	0.4	91%	80%	120%
Bi	1	3931125	0.10	0.10	0.0%	< 0.01				80%	120%
Ca	1	3931125	1.68	1.69	0.6%	0.01				80%	120%
Cd	1	3931125	0.23	0.24	4.3%	< 0.02				80%	120%
Ce	1	3931125	35.0	34.9	0.3%	< 0.01				80%	120%
Co	1	3931125	133	131	1.5%	< 0.05				80%	120%
Cr	1	3931125	1710	1700	0.6%	< 0.5				80%	120%
Cs	1	3931125	0.09	0.09	0.0%	< 0.01				80%	120%
Cu	1	3931125	368	356	3.3%	< 0.2	6567	6000	109%	80%	120%
Fe	1	3931125	12.6	12.7	0.8%	0.01				80%	120%
Ga	1	3931125	11.0	10.7	2.8%	< 0.05				80%	120%

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12U663725
PROJECT NO: OCTOBER GOLD ROCK
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Ge	1	3931125	1.45	1.59	9.2%	< 0.05				80%	120%
Hf	1	3931125	2.0	2.0	0.0%	< 0.1				80%	120%
In	1	3931125	0.0727	0.0690	5.2%	< 0.005				80%	120%
K	1	3931125	0.02	0.02	0.0%	0.01				80%	120%
La	1	3931125	15.8	15.9	0.6%	< 0.5				80%	120%
Li	1	3931125	7.8	7.5	3.9%	< 0.1				80%	120%
Mg	1	3931125	7.42	7.35	0.9%	0.01				80%	120%
Mn	1	3931125	904	885	2.1%	< 1				80%	120%
Mo	1	3931125	1.69	1.78	5.2%	< 0.05	360	360	100%	80%	120%
Na	1	3931125	0.016	0.013	20.7%	0.01				80%	120%
Nb	1	3931125	5.55	4.37	23.8%	< 0.1				80%	120%
Ni	1	3931125	1030	994	3.6%	< 0.2				80%	120%
P	1	3931125	456	431	5.6%	< 10	674	600	112%	80%	120%
Pb	1	3931125	2.8	2.6	7.4%	0.1				80%	120%
Rb	1	3931125	0.3	0.3	0.0%	0.3				80%	120%
Re	1	3931125	0.005	0.005	0.0%	0.004				80%	120%
S	1	3931125	1.70	1.76	3.5%	< 0.01				80%	120%
Sb	1	3931125	1.97	1.97	0.0%	< 0.05				80%	120%
Sc	1	3931125	33.6	32.8	2.4%	0.2				80%	120%
Se	1	3931125	1.3	1.4	7.4%	< 0.5				80%	120%
Sn	1	3931125	0.5	0.4	22.2%	< 0.2				80%	120%
Sr	1	3931125	23.6	22.6	4.3%	< 0.2	384	390	99%	80%	120%
Ta	1	3931125	0.340	0.283	18.3%	< 0.05				80%	120%
Te	1	3931125	0.08	0.08	0.0%	< 0.01				80%	120%
Th	1	3931125	1.3	1.3	0.0%	< 0.1	1.4	1.4	101%	80%	120%
Ti	1	3931125	0.22	0.20	9.5%	< 0.01				80%	120%
Tl	1	3931125	< 0.01	0.01		< 0.01				80%	120%
U	1	3931125	0.280	0.271	3.3%	< 0.005				80%	120%
V	1	3931125	218	207	5.2%	< 0.5				80%	120%
W	1	3931125	0.26	0.23	12.2%	< 0.1				80%	120%
Y	1	3931125	8.97	8.44	6.1%	0.2				80%	120%
Zn	1	3931125	147	139	5.6%	< 0.5				80%	120%
Zr	1	3931125	62.8	61.2	2.6%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3931138	0.077	0.061	23.2%	0.02	11.4	13.0	88%	80%	120%
Al	1	3931138	4.37	3.93	10.6%	< 0.01				80%	120%
As	1	3931138	3.2	2.6	20.7%	0.6				80%	120%
Ba	1	3931138	604	623	3.1%	< 1				80%	120%
Be	1	3931138	1.26	1.14	10.0%	< 0.05	0.3	0.4	82%	80%	120%
Bi	1	3931138	0.07	0.07	0.0%	< 0.01				80%	120%
Ca	1	3931138	0.630	0.615	2.4%	< 0.01				80%	120%
Cd	1	3931138	0.07	0.07	0.0%	< 0.02				80%	120%
Ce	1	3931138	30.1	27.2	10.1%	0.02				80%	120%
Co	1	3931138	11.8	11.1	6.1%	< 0.05				80%	120%

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CANADA L4Z 1N9
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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12U663725
PROJECT NO: OCTOBER GOLD ROCK
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Cr	1	3931138	13.7	14.2	3.6%	< 0.5				80%	120%
Cs	1	3931138	1.80	1.63	9.9%	< 0.01				80%	120%
Cu	1	3931138	5.02	5.18	3.1%	0.6	6570	6000	109%	80%	120%
Fe	1	3931138	2.01	2.05	2.0%	< 0.01				80%	120%
Ga	1	3931138	19.7	19.0	3.6%	< 0.05	8	10	80%	80%	120%
Ge	1	3931138	0.177	0.153	14.5%	< 0.05				80%	120%
Hf	1	3931138	1.75	1.67	4.7%	< 0.1				80%	120%
In	1	3931138	0.025	0.025	0.0%	< 0.005				80%	120%
K	1	3931138	1.88	1.85	1.6%	< 0.01				80%	120%
La	1	3931138	14.1	12.4	12.8%	< 0.5				80%	120%
Li	1	3931138	21.1	18.4	13.7%	< 0.1				80%	120%
Mg	1	3931138	0.702	0.685	2.5%	< 0.01				80%	120%
Mn	1	3931138	263	248	5.9%	< 1				80%	120%
Mo	1	3931138	0.25	0.27	7.7%	< 0.05	348	360	96%	80%	120%
Na	1	3931138	4.34	4.35	0.2%	< 0.01				80%	120%
Nb	1	3931138	2.2	2.2	0.0%	< 0.1				80%	120%
Ni	1	3931138	14.2	14.8	4.1%	0.2				80%	120%
P	1	3931138	726	752	3.5%	< 10	677	600	113%	80%	120%
Pb	1	3931138	2.33	2.24	3.9%	< 0.1				80%	120%
Rb	1	3931138	39.4	32.5	19.2%	< 0.1				80%	120%
Re	1	3931138	0.0038	0.0035	8.2%	0.003				80%	120%
S	1	3931138	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Sb	1	3931138	0.258	0.251	2.8%	< 0.05				80%	120%
Sc	1	3931138	2.7	2.2	20.4%	< 0.1				80%	120%
Se	1	3931138	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Sn	1	3931138	0.5	0.5	0.0%	< 0.2				80%	120%
Sr	1	3931138	260	241	7.6%	< 0.2	373	390	96%	80%	120%
Ta	1	3931138	0.178	0.164	8.2%	< 0.05				80%	120%
Te	1	3931138	< 0.01	< 0.01	0.0%	0.02				80%	120%
Th	1	3931138	0.9	0.8	11.8%	< 0.1	1.4	1.4	101%	80%	120%
Ti	1	3931138	0.23	0.24	4.3%	< 0.01				80%	120%
Tl	1	3931138	0.151	0.142	6.1%	< 0.01				80%	120%
U	1	3931138	0.771	0.796	3.2%	< 0.005				80%	120%
V	1	3931138	57.7	59.8	3.6%	< 0.5				80%	120%
W	1	3931138	0.2	0.2	0.0%	< 0.1				80%	120%
Y	1	3931138	1.55	1.19	26.3%	< 0.1				80%	120%
Zn	1	3931138	45.5	47.3	3.9%	< 0.5				80%	120%
Zr	1	3931138	48.5	45.3	6.8%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3931150	0.094	0.099	5.2%	< 0.01	11.8	13.0	91%	80%	120%
Al	1	3931150	6.94	7.33	5.5%	< 0.01				80%	120%
As	1	3931150	1.2	0.5		< 0.2				80%	120%
Ba	1	3931150	132	142	7.3%	< 1				80%	120%
Be	1	3931150	0.187	0.160	15.6%	< 0.05	0.3	0.4	82%	80%	120%

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12U663725
PROJECT NO: OCTOBER GOLD ROCK
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Bi	1	3931150	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ca	1	3931150	7.05	7.71	8.9%	< 0.01				80%	120%
Cd	1	3931150	0.29	0.27	7.1%	< 0.02				80%	120%
Ce	1	3931150	5.47	5.36	2.0%	< 0.01				80%	120%
Co	1	3931150	45.9	46.7	1.7%	< 0.05				80%	120%
Cr	1	3931150	313	311	0.6%	< 0.5				80%	120%
Cs	1	3931150	0.556	0.513	8.0%	< 0.01				80%	120%
Cu	1	3931150	127	129	1.6%	< 0.2	6266	6000	104%	80%	120%
Fe	1	3931150	7.41	7.75	4.5%	< 0.01				80%	120%
Ga	1	3931150	15.5	15.3	1.3%	< 0.05				80%	120%
Ge	1	3931150	0.12	0.41		< 0.05				80%	120%
Hf	1	3931150	0.9	0.9	0.0%	< 0.1				80%	120%
In	1	3931150	0.056	0.053	5.5%	< 0.005				80%	120%
K	1	3931150	0.391	0.397	1.5%	< 0.01				80%	120%
La	1	3931150	2.00	1.94	3.0%	< 0.5				80%	120%
Li	1	3931150	16.3	15.9	2.5%	< 0.1				80%	120%
Mg	1	3931150	4.66	4.90	5.0%	< 0.01				80%	120%
Mn	1	3931150	1500	1500	0.0%	< 1				80%	120%
Mo	1	3931150	0.17	0.17	0.0%	< 0.05	351	360	97%	80%	120%
Na	1	3931150	1.68	1.84	9.1%	< 0.01				80%	120%
Nb	1	3931150	1.8	1.8	0.0%	< 0.1				80%	120%
Ni	1	3931150	122	122	0.0%	< 0.2				80%	120%
P	1	3931150	229	229	0.0%	< 10	649	600	108%	80%	120%
Pb	1	3931150	2.34	2.50	6.6%	< 0.1				80%	120%
Rb	1	3931150	8.9	5.8		< 0.1				80%	120%
Re	1	3931150	0.004	0.005	22.2%	< 0.002				80%	120%
S	1	3931150	0.06	0.06	0.0%	< 0.01				80%	120%
Sb	1	3931150	0.21	0.20	4.9%	< 0.05				80%	120%
Sc	1	3931150	41.6	39.4	5.4%	< 0.1				80%	120%
Se	1	3931150	0.69	0.75	8.3%	< 0.5				80%	120%
Sn	1	3931150	0.35	0.35	0.0%	< 0.2				80%	120%
Sr	1	3931150	142	142	0.0%	< 0.2	370	390	95%	80%	120%
Ta	1	3931150	0.15	0.15	0.0%	< 0.05				80%	120%
Te	1	3931150	0.02	0.02	0.0%	< 0.01				80%	120%
Th	1	3931150	0.2	0.2	0.0%	< 0.1	1.5	1.4	110%	80%	120%
Ti	1	3931150	0.391	0.426	8.6%	< 0.01				80%	120%
Tl	1	3931150	0.08	0.08	0.0%	< 0.01				80%	120%
U	1	3931150	0.064	0.065	1.6%	< 0.005				80%	120%
V	1	3931150	278	282	1.4%	< 0.5				80%	120%
W	1	3931150	0.1	0.1	0.0%	< 0.1				80%	120%
Y	1	3931150	14.3	13.9	2.8%	< 0.1				80%	120%
Zn	1	3931150	95.6	95.5	0.1%	< 0.5				80%	120%
Zr	1	3931150	26.2	27.9	6.3%	< 0.5				80%	120%

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12U663725
PROJECT NO: OCTOBER GOLD ROCK
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Ag	1	3931163	0.119	0.100	17.4%	< 0.01	11.6	13.0	89%	80%	120%
Al	1	3931163	6.92	6.62	4.4%	< 0.01				80%	120%
As	1	3931163	6.2	4.7		< 0.2				80%	120%
Ba	1	3931163	25	24	4.1%	< 1				80%	120%
Be	1	3931163	0.242	0.249	2.9%	< 0.05	0.3	0.4	84%	80%	120%
Bi	1	3931163	0.01	0.01	0.0%	< 0.01				80%	120%
Ca	1	3931163	5.24	5.32	1.5%	< 0.01				80%	120%
Cd	1	3931163	0.11	0.11	0.0%	< 0.02				80%	120%
Ce	1	3931163	8.26	7.94	4.0%	< 0.01				80%	120%
Co	1	3931163	50.0	49.3	1.4%	< 0.05				80%	120%
Cr	1	3931163	211	216	2.3%	< 0.5				80%	120%
Cs	1	3931163	0.13	0.09		< 0.01				80%	120%
Cu	1	3931163	72.5	75.0	3.4%	< 0.2	6255	6000	104%	80%	120%
Fe	1	3931163	7.62	7.73	1.4%	< 0.01				80%	120%
Ga	1	3931163	17.0	16.6	2.4%	< 0.05				80%	120%
Ge	1	3931163	0.73	0.59	21.2%	< 0.05				80%	120%
Hf	1	3931163	0.86	0.83	3.6%	< 0.1				80%	120%
In	1	3931163	0.0716	0.0689	3.8%	< 0.005				80%	120%
K	1	3931163	0.108	0.099	8.7%	< 0.01				80%	120%
La	1	3931163	2.96	2.72	8.5%	< 0.5				80%	120%
Li	1	3931163	13.2	12.6	4.7%	< 0.1				80%	120%
Mg	1	3931163	3.47	3.40	2.0%	< 0.01				80%	120%
Mn	1	3931163	1470	1460	0.7%	< 1				80%	120%
Mo	1	3931163	0.45	0.34	27.8%	< 0.05	330	360	91%	80%	120%
Na	1	3931163	2.08	2.11	1.4%	< 0.01				80%	120%
Nb	1	3931163	2.77	2.70	2.6%	< 0.1				80%	120%
Ni	1	3931163	117	114	2.6%	< 0.2				80%	120%
P	1	3931163	264	257	2.7%	< 10	667	600	111%	80%	120%
Pb	1	3931163	1.3	1.2	8.0%	< 0.1				80%	120%
Rb	1	3931163	1.5	1.2		< 0.1				80%	120%
Re	1	3931163	0.0056	0.0054	3.6%	< 0.002				80%	120%
S	1	3931163	0.11	0.11	0.0%	< 0.01				80%	120%
Sb	1	3931163	0.156	0.147	5.9%	< 0.05				80%	120%
Sc	1	3931163	39.0	38.8	0.5%	< 0.1				80%	120%
Se	1	3931163	1.0	0.9	10.5%	< 0.5				80%	120%
Sn	1	3931163	0.76	0.71	6.8%	< 0.2				80%	120%
Sr	1	3931163	102	99.9	2.1%	< 0.2	366	390	94%	80%	120%
Ta	1	3931163	0.253	0.225	11.7%	< 0.05				80%	120%
Te	1	3931163	0.02	0.02	0.0%	< 0.01				80%	120%
Th	1	3931163	0.37	0.33	11.4%	< 0.1	1.5	1.4	110%	80%	120%
Ti	1	3931163	0.524	0.528	0.8%	< 0.01				80%	120%
Tl	1	3931163	0.03	0.03	0.0%	< 0.01				80%	120%
U	1	3931163	0.102	0.0981	3.9%	< 0.005				80%	120%
V	1	3931163	289	297	2.7%	< 0.5				80%	120%

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12U663725
PROJECT NO: OCTOBER GOLD ROCK
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
W	1	3931163	0.40	0.34	16.2%	< 0.1				80%	120%
Y	1	3931163	18.9	16.7	12.4%	< 0.1				80%	120%
Zn	1	3931163	83.9	81.3	3.1%	< 0.5				80%	120%
Zr	1	3931163	24.8	21.2	15.7%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3931175	0.16	0.13		< 0.01	11.9	13.0	91%	80%	120%
Al	1	3931175	6.91	7.27	5.1%	< 0.01				80%	120%
As	1	3931175	0.3	0.6		< 0.2				80%	120%
Ba	1	3931175	133	132	0.8%	< 1				80%	120%
Be	1	3931175	0.29	0.29	0.0%	< 0.05	0.3	0.4	84%	80%	120%
Bi	1	3931175	0.04	0.01		< 0.01				80%	120%
Ca	1	3931175	7.35	8.00	8.5%	< 0.01				80%	120%
Cd	1	3931175	0.15	0.15	0.0%	< 0.02				80%	120%
Ce	1	3931175	8.62	7.98	7.7%	< 0.01				80%	120%
Co	1	3931175	47.2	48.8	3.3%	< 0.05				80%	120%
Cr	1	3931175	243	233	4.2%	< 0.5				80%	120%
Cs	1	3931175	0.389	0.382	1.8%	< 0.01				80%	120%
Cu	1	3931175	101	100	1.0%	< 0.2	6178	6000	102%	80%	120%
Fe	1	3931175	6.58	6.74	2.4%	< 0.01				80%	120%
Ga	1	3931175	16.4	17.0	3.6%	< 0.05				80%	120%
Ge	1	3931175	0.299	0.326	8.6%	< 0.05				80%	120%
Hf	1	3931175	1.2	1.2	0.0%	< 0.1				80%	120%
In	1	3931175	0.059	0.061	3.3%	< 0.005				80%	120%
K	1	3931175	0.396	0.405	2.2%	< 0.01				80%	120%
La	1	3931175	3.17	2.94	7.5%	< 0.5				80%	120%
Li	1	3931175	18.7	19.1	2.1%	< 0.1				80%	120%
Mg	1	3931175	2.10	2.05	2.4%	< 0.01				80%	120%
Mn	1	3931175	2280	2330	2.2%	< 1				80%	120%
Mo	1	3931175	0.34	0.33	3.0%	< 0.05	329	360	91%	80%	120%
Na	1	3931175	1.52	1.65	8.2%	< 0.01				80%	120%
Nb	1	3931175	1.54	1.66	7.5%	< 0.1				80%	120%
Ni	1	3931175	117	127	8.2%	< 0.2				80%	120%
P	1	3931175	258	280	8.2%	< 10	685	600	114%	80%	120%
Pb	1	3931175	4.2	1.5		< 0.1				80%	120%
Rb	1	3931175	13.8	13.5	2.2%	< 0.1				80%	120%
Re	1	3931175	0.0055	0.0041	29.2%	< 0.002				80%	120%
S	1	3931175	0.069	0.054	24.4%	< 0.01				80%	120%
Sb	1	3931175	0.06	0.06	0.0%	< 0.05				80%	120%
Sc	1	3931175	37.4	37.7	0.8%	< 0.1				80%	120%
Se	1	3931175	0.6	0.6	0.0%	< 0.5				80%	120%
Sn	1	3931175	0.9	0.4		< 0.2				80%	120%
Sr	1	3931175	114	114	0.0%	< 0.2	354	390	91%	80%	120%
Ta	1	3931175	0.135	0.140	3.6%	< 0.05				80%	120%
Te	1	3931175	0.012	0.016	28.6%	< 0.01				80%	120%

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12U663725
PROJECT NO: OCTOBER GOLD ROCK
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Th	1	3931175	0.37	0.33	11.4%	< 0.1	1.2	1.4	88%	80%	120%
Ti	1	3931175	0.259	0.287	10.3%	< 0.01				80%	120%
Tl	1	3931175	0.04	0.04	0.0%	< 0.01				80%	120%
U	1	3931175	0.087	0.080	8.4%	< 0.005				80%	120%
V	1	3931175	236	248	5.0%	< 0.5				80%	120%
W	1	3931175	0.4	0.1		< 0.1				80%	120%
Y	1	3931175	11.8	10.8	8.8%	< 0.1				80%	120%
Zn	1	3931175	74.5	73.0	2.0%	< 0.5				80%	120%
Zr	1	3931175	39.9	42.4	6.1%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3931188	0.18	0.18	0.0%	< 0.01				80%	120%
Al	1	3931188	2.91	2.88	1.0%	< 0.01				80%	120%
As	1	3931188	0.2	0.7		< 0.2				80%	120%
Ba	1	3931188	59	57	3.4%	< 1				80%	120%
Be	1	3931188	0.473	0.502	5.9%	< 0.05				80%	120%
Bi	1	3931188	0.06	0.06	0.0%	< 0.01				80%	120%
Ca	1	3931188	12.4	12.2	1.6%	< 0.01				80%	120%
Cd	1	3931188	0.65	0.60	8.0%	< 0.02				80%	120%
Ce	1	3931188	23.4	22.3	4.8%	< 0.01				80%	120%
Co	1	3931188	10.8	10.9	0.9%	< 0.05				80%	120%
Cr	1	3931188	68.2	69.2	1.5%	< 0.5				80%	120%
Cs	1	3931188	0.31	0.30	3.3%	< 0.01				80%	120%
Cu	1	3931188	60.1	60.7	1.0%	< 0.2				80%	120%
Fe	1	3931188	6.69	6.64	0.8%	< 0.01				80%	120%
Ga	1	3931188	10.8	10.9	0.9%	< 0.05				80%	120%
Ge	1	3931188	0.05	0.15		< 0.05				80%	120%
Hf	1	3931188	1.4	1.4	0.0%	< 0.1				80%	120%
In	1	3931188	0.089	0.088	1.1%	< 0.005				80%	120%
K	1	3931188	0.306	0.299	2.3%	< 0.01				80%	120%
La	1	3931188	10.6	10.3	2.9%	< 0.5				80%	120%
Li	1	3931188	14.1	14.5	2.8%	< 0.1				80%	120%
Mg	1	3931188	0.887	0.879	0.9%	< 0.01				80%	120%
Mn	1	3931188	2480	2470	0.4%	< 1				80%	120%
Mo	1	3931188	1.87	1.92	2.6%	< 0.05				80%	120%
Na	1	3931188	0.07	0.07	0.0%	< 0.01				80%	120%
Nb	1	3931188	1.1	1.1	0.0%	< 0.1				80%	120%
Ni	1	3931188	18.6	18.4	1.1%	< 0.2				80%	120%
P	1	3931188	442	429	3.0%	< 10				80%	120%
Pb	1	3931188	6.7	6.7	0.0%	< 0.1				80%	120%
Rb	1	3931188	8.7	8.6	1.2%	< 0.1				80%	120%
Re	1	3931188	0.0056	0.0054	3.6%	< 0.002				80%	120%
S	1	3931188	1.03	1.02	1.0%	< 0.01				80%	120%
Sb	1	3931188	0.24	0.24	0.0%	< 0.05				80%	120%
Sc	1	3931188	10.3	10.1	2.0%	< 0.1				80%	120%

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CANADA L4Z 1N9
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FAX (905)501-0589
http://www.agatlabs.com

Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12U663725
PROJECT NO: OCTOBER GOLD ROCK
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Se	1	3931188	1.3	1.3	0.0%	< 0.5				80%	120%
Sn	1	3931188	2.98	2.89	3.1%	< 0.2				80%	120%
Sr	1	3931188	57.4	57.2	0.3%	< 0.2				80%	120%
Ta	1	3931188	0.100	0.081	21.0%	< 0.05				80%	120%
Te	1	3931188	0.17	0.16	6.1%	< 0.01				80%	120%
Th	1	3931188	0.4	0.4	0.0%	< 0.1				80%	120%
Ti	1	3931188	0.128	0.110	15.1%	< 0.01				80%	120%
Tl	1	3931188	0.18	0.18	0.0%	< 0.01				80%	120%
U	1	3931188	0.128	0.123	4.0%	< 0.005				80%	120%
V	1	3931188	75.7	76.8	1.4%	< 0.5				80%	120%
W	1	3931188	0.4	0.2		< 0.1				80%	120%
Y	1	3931188	19.3	19.4	0.5%	< 0.1				80%	120%
Zn	1	3931188	225	223	0.9%	< 0.5				80%	120%
Zr	1	3931188	111	91.4	19.4%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3931200	0.12	0.12	0.0%	< 0.01				80%	120%
Al	1	3931200	7.12	7.08	0.6%	< 0.01				80%	120%
As	1	3931200	0.8	0.3		< 0.2				80%	120%
Ba	1	3931200	17	19	11.1%	< 1				80%	120%
Be	1	3931200	0.311	0.315	1.3%	< 0.05				80%	120%
Bi	1	3931200	< 0.01	0.01		< 0.01				80%	120%
Ca	1	3931200	6.19	6.17	0.3%	< 0.01				80%	120%
Cd	1	3931200	0.18	0.18	0.0%	< 0.02				80%	120%
Ce	1	3931200	8.05	7.68	4.7%	< 0.01				80%	120%
Co	1	3931200	57.3	57.0	0.5%	< 0.05				80%	120%
Cr	1	3931200	208	211	1.4%	< 0.5				80%	120%
Cs	1	3931200	0.19	0.23	19.0%	< 0.01				80%	120%
Cu	1	3931200	135	136	0.7%	< 0.2				80%	120%
Fe	1	3931200	8.32	8.44	1.4%	< 0.01				80%	120%
Ga	1	3931200	17.9	17.8	0.6%	< 0.05				80%	120%
Ge	1	3931200	0.43	0.41	4.8%	< 0.05				80%	120%
Hf	1	3931200	0.9	0.9	0.0%	< 0.1				80%	120%
In	1	3931200	0.0732	0.0737	0.7%	< 0.005				80%	120%
K	1	3931200	0.05	0.05	0.0%	< 0.01				80%	120%
La	1	3931200	2.80	2.73	2.5%	< 0.5				80%	120%
Li	1	3931200	12.4	13.0	4.7%	< 0.1				80%	120%
Mg	1	3931200	3.90	3.99	2.3%	< 0.01				80%	120%
Mn	1	3931200	2000	2050	2.5%	< 1				80%	120%
Mo	1	3931200	0.301	0.292	3.0%	< 0.05				80%	120%
Na	1	3931200	1.75	1.77	1.1%	< 0.01				80%	120%
Nb	1	3931200	2.84	2.89	1.7%	< 0.1				80%	120%
Ni	1	3931200	122	124	1.6%	< 0.2				80%	120%
P	1	3931200	334	340	1.8%	< 10				80%	120%
Pb	1	3931200	0.87	0.95	8.8%	< 0.1				80%	120%

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CANADA L4Z 1N9
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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD
AGAT WORK ORDER: 12U663725
PROJECT NO: OCTOBER GOLD ROCK
ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Rb	1	3931200	1.5	1.9	23.5%	< 0.1				80%	120%
Re	1	3931200	0.004	0.004	0.0%	< 0.002				80%	120%
S	1	3931200	0.021	0.028	28.6%	< 0.01				80%	120%
Sb	1	3931200	0.28	0.28	0.0%	< 0.05				80%	120%
Sc	1	3931200	41.7	41.5	0.5%	< 0.1				80%	120%
Se	1	3931200	0.77	0.74	4.0%	< 0.5				80%	120%
Sn	1	3931200	0.66	0.61	7.9%	< 0.2				80%	120%
Sr	1	3931200	92.4	96.1	3.9%	< 0.2				80%	120%
Ta	1	3931200	0.242	0.256	5.6%	< 0.05				80%	120%
Te	1	3931200	0.01	0.01	0.0%	< 0.01				80%	120%
Th	1	3931200	0.2	0.2	0.0%	< 0.1				80%	120%
Ti	1	3931200	0.58	0.59	1.7%	< 0.01				80%	120%
Tl	1	3931200	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
U	1	3931200	0.0740	0.0721	2.6%	< 0.005				80%	120%
V	1	3931200	320	324	1.2%	< 0.5				80%	120%
W	1	3931200	0.1	0.1	0.0%	< 0.1				80%	120%
Y	1	3931200	20.3	19.8	2.5%	< 0.1				80%	120%
Zn	1	3931200	105	107	1.9%	< 0.5				80%	120%
Zr	1	3931200	26.6	25.2	5.4%	< 0.5				80%	120%
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)											
Ag	1	3931213	0.23	0.22	4.4%	< 0.01				80%	120%
Al	1	3931213	7.06	7.59	7.2%	< 0.01				80%	120%
As	1	3931213	1.2	0.7		< 0.2				80%	120%
Ba	1	3931213	114	124	8.4%	< 1				80%	120%
Be	1	3931213	0.47	0.47	0.0%	< 0.05				80%	120%
Bi	1	3931213	0.02	0.02	0.0%	< 0.01				80%	120%
Ca	1	3931213	5.96	6.41	7.3%	< 0.01				80%	120%
Cd	1	3931213	0.22	0.22	0.0%	< 0.02				80%	120%
Ce	1	3931213	24.8	25.3	2.0%	< 0.01				80%	120%
Co	1	3931213	41.8	42.2	1.0%	< 0.05				80%	120%
Cr	1	3931213	149	145	2.7%	< 0.5				80%	120%
Cs	1	3931213	0.51	0.52	1.9%	< 0.01				80%	120%
Cu	1	3931213	65.2	64.1	1.7%	< 0.2				80%	120%
Fe	1	3931213	6.86	6.87	0.1%	< 0.01				80%	120%
Ga	1	3931213	23.1	23.4	1.3%	< 0.05				80%	120%
Ge	1	3931213	0.49	0.49	0.0%	< 0.05				80%	120%
Hf	1	3931213	2.3	2.2	4.4%	< 0.1				80%	120%
In	1	3931213	0.0734	0.0754	2.7%	< 0.005				80%	120%
K	1	3931213	0.42	0.42	0.0%	< 0.01				80%	120%
La	1	3931213	10.2	10.4	1.9%	< 0.5				80%	120%
Li	1	3931213	12.6	12.8	1.6%	< 0.1				80%	120%
Mg	1	3931213	2.16	2.20	1.8%	< 0.01				80%	120%
Mn	1	3931213	1440	1440	0.0%	< 1				80%	120%
Mo	1	3931213	1.01	1.06	4.8%	< 0.05				80%	120%

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Quality Assurance

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

ATTENTION TO: JOHN FLOREK

Solid Analysis (Continued)

RPT Date: Nov 30, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Na	1	3931213	1.93	2.06	6.5%	< 0.01				80%	120%
Nb	1	3931213	7.63	7.65	0.3%	< 0.1				80%	120%
Ni	1	3931213	69.2	67.8	2.0%	< 0.2				80%	120%
P	1	3931213	800	794	0.8%	< 10				80%	120%
Pb	1	3931213	1.9	1.8	5.4%	< 0.1				80%	120%
Rb	1	3931213	13.8	14.3	3.6%	< 0.1				80%	120%
Re	1	3931213	0.005	0.005	0.0%	< 0.002				80%	120%
S	1	3931213	0.043	0.048	11.0%	< 0.01				80%	120%
Sb	1	3931213	0.30	0.25	18.2%	< 0.05				80%	120%
Sc	1	3931213	30.3	30.3	0.0%	< 0.1				80%	120%
Se	1	3931213	1.0	0.9	10.5%	< 0.5				80%	120%
Sn	1	3931213	1.1	1.1	0.0%	< 0.2				80%	120%
Sr	1	3931213	208	214	2.8%	< 0.2				80%	120%
Ta	1	3931213	0.605	0.585	3.4%	< 0.05				80%	120%
Te	1	3931213	0.02	0.02	0.0%	< 0.01				80%	120%
Th	1	3931213	1.05	1.04	1.0%	< 0.1				80%	120%
Ti	1	3931213	0.76	0.80	5.1%	< 0.01				80%	120%
Tl	1	3931213	0.075	0.070	6.9%	< 0.01				80%	120%
U	1	3931213	0.257	0.259	0.8%	< 0.005				80%	120%
V	1	3931213	234	232	0.9%	< 0.5				80%	120%
W	1	3931213	0.5	0.5	0.0%	< 0.1				80%	120%
Y	1	3931213	23.8	23.2	2.6%	< 0.1				80%	120%
Zn	1	3931213	98.4	95.5	3.0%	< 0.5				80%	120%
Zr	1	3931213	76.4	67.1	13.0%	< 0.5				80%	120%

Certified By:

Results relate only to the items tested and to all the items tested

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

ATTENTION TO: JOHN FLOREK

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12020		ICP-MS
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP-MS
Ba	MIN-200-12020		ICP-MS
Be	MIN-200-12020		ICP-MS
Bi	MIN-200-12020		ICP-MS
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP-MS
Ce	MIN-200-12020		ICP-MS
Co	MIN-200-12020		ICP-MS
Cr	MIN-200-12020		ICP/OES
Cs	MIN-200-12020		ICP-MS
Cu	MIN-200-12020		ICP-MS
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP-MS
Ge	MIN-200-12020		ICP-MS
Hf	MIN-200-12020		ICP-MS
In	MIN-200-12020		ICP-MS
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP-MS
Li	MIN-200-12020		ICP-MS
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP-MS
Na	MIN-200-12020		ICP/OES
Nb	MIN-200-12020		ICP-MS
Ni	MIN-200-12020		ICP-MS
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP-MS
Rb	MIN-200-12020		ICP-MS
Re	MIN-200-12020		ICP-MS
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP-MS
Sc	MIN-200-12020		ICP-MS
Se	MIN-200-12020		ICP-MS
Sn	MIN-200-12020		ICP-MS
Sr	MIN-200-12020		ICP-MS
Ta	MIN-200-12020		ICP-MS
Te	MIN-200-12020		ICP-MS
Th	MIN-200-12020		ICP-MS
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP-MS
U	MIN-200-12020		ICP-MS
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP-MS
Y	MIN-200-12020		ICP-MS
Zn	MIN-200-12020		ICP-MS
Zr	MIN-200-12020		ICP-MS

Results relate only to the items tested and to all the items tested

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Method Summary

CLIENT NAME: ENTOURAGE METALS LTD

AGAT WORK ORDER: 12U663725

PROJECT NO: OCTOBER GOLD ROCK

ATTENTION TO: JOHN FLOREK

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Results relate only to the items tested and to all the items tested

APPENDIX 5

C1. Introduction

C1 includes a:

- Description of the Innov-X ***Delta***™ family of handheld XRF analyzers.
- Visual tour of the instrument(s) noting all the major features, and accessories.

Description of *Delta* System

What Is It?

The ***Delta*** is a handheld energy dispersive X-Ray fluorescence spectrometer, generally referred to as an XRF analyzer.A complete **Delta** package consists of:

- Handheld analyzer using an integrated group of instrument components that are sealed in an ergonomically designed, light-weight body. They include --
  - Controller
  - Color touchscreen (ergonomically mounted interactive display)
  - Membrane navigation keys
  - Choice of detectors (PiN or SDD) to meet wide-ranging application goals

Coordinated with these robust characteristics, the instrument's ***key feature*** is Innov-X's proprietary control, data acquisition, and analysis software with customer configured options.

Additional accessories (standard and optional) include:

- Li-Ion batteries (2) - {Standard}
- Delta Docking Station (DDS) Dedicated charging and calibration unit - {Standard}
- Rugged waterproof carry case - {Standard}
- Portable test stand to create a Delta workstation (A-020-D) {Optional}
- Soil foot (A-035) (Optional)
- Soil extension pole (990055) (Optional)
- Trimble Xplorer Package (Optional)

What Does It Do?

The expanded ***Delta*** family of handheld XRF instruments delivers fast and precise identification and analysis for elements from magnesium to uranium (Mg to U) depending on the selected model. A weatherproof/dustproof ultra rugged design including an integral heat sink permits users to conduct diverse analysis testing under severe operating conditions. An added convenience feature for field use is battery "Hot Swapping."

Applications

The analyzer gives accurate chemical analysis for commercial or industrial areas, such as:

- Positive Material Identification
- Mining and Exploration
- Consumer Safety
- Scrap Processing
- Environmental Testing
- Light Element & Aluminum Analysis

Delta Family: Types, Models, Modes and Calibrations

Delta Types and Models

Type	Modes	Models
Premium	Alloy	DP-2000
	Environmental	DP-4000
	Mining	DP-6000
	RoHS	DP-6500
Standard	Alloy	DS-2000
	Environmental	DS-4000
	Mining	DS-6000
	RoHS	DS-6500
Classic	Alloy	DC-2000
	Environmental	DC-4000
	Mining	DC-6000
	RoHS	DC-6500

Modes and Calibrations

ALLOY Analysis	Alloy	MINING	Mining Mode	LEAD PAINT	Lead in Paint (HUD)
	Alloy Plus		2 Beam Mining		Lead in Paint (Industrial)
	FastID & Pass/Fail		Car Catalyst		
	Precious Metals			THIN	Filter Analysis
		CONSUMER GOODS	RoHS		Dust Wipe
SOIL Analysis	Environmental		Consumer Products		
	Exploration				

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C7. Soil Modes

The Delta family currently supports two soil modes, **Soil** and **3 Beam Soil**. Each mode has a possibility of two default element suites, **Environmental** and **Exploration**.
Note that both calibration packages cannot reside on one instrument.:

SOIL Environmental Use with: **All** Models

Soil 3 Beam

K, Ca, S, P, Cl, Ti, Cr, Mn, Fe, Ni, Cu, Zn, Hg, As, Pb, Se, Rb, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba
(elements may be customize on request)
Compton Normalization algorithm designed for achieving lowest Limit of Detection (LOD) possible for **SOIL** and **BULK** samples. PowerShot and SmartShot 3-beam modes included.

SOIL Exploration Use with: **All** Models

Soil 3 Beam

K, Ca, S, P, Cl, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, W, Hg, As, Pb, Bi, Se, Th, Rb, U, Sr, Zr, Mo, Ag, Cd, Sn, Sb

(elements may be customized on request)
Compton Normalization algorithm designed for achieving lowest Limit of Detection (LOD) possible for exploration samples. PowerShot and SmartShot 3-beam modes included.

Soil Mode Beam Selection

SmartShot Beam Mode:

Uses a single incident bean setting (Transition Metals) otimized to deliver ultra fast results with solid LOD performance across the periodic table. SmartShot offers excellent sensitivity in the fastest testing time possible.

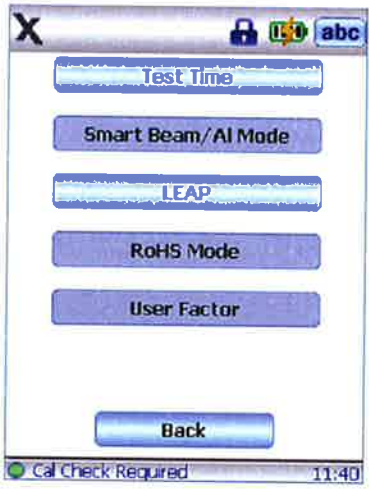
PowerShot Beam Mode:

Offers a fully optimized, multi-beam analysis method that provides exceptional LODs for all elements analyzed - heavy metals, transition metals, and light elements. PowerShot can be used to analyze the full element range, or to focus in on a particular element of interest, such as Cr, Cd, Ni, or Cu. Any or all of the following beams conditions may be selected:

- Heavy Elements
- Transition Metals
- LEAP (Light Elements)

Use this procedure to configure beam selections:

From the Mode Setup screen select **Test Conditions.**



Select the **LEAP** option

Configure one or more **Powershot(s).** Note that multiple beams may be chosen.
Press **Save** to return to soil testing.

Best Practices

Check Standards

Measure a check standard after each standardization, and periodically throughout the day, for a minimum of one minute. Elemental concentrations for elements of interest, in the range expected at the site, plus or minus the error on the reading, should be within 20 percent of the standard value. *A2.Soil Testing* describes recommended quality assurance considerations in detail.

The standards provided with the analyzer are contained in XRF sample cups. These containers have a film window (through which the soil can be viewed) on one side, and a solid cap on the other side. Always measure samples through the film window.

Sample Preparation

Preparation considerations include:

- Avoid measuring very thin samples, as this can affect results. Prepare samples cups to contain at least 0.5"(usually 4-8 grams) of packed samples.
- When analyzing bagged samples, ensure that sufficient sample material exists in the bag to create a a sample thickness of a minimum of 15 mm for a spot size that is larger than the analyzer's measurement window.
- When using bags, cheaper bags (having thinner plastic walls) are better than more expensive ones (which have thicker plastic walls).

A1. Overview: X-Ray Fluorescence (XRF) Spectrometry

Basic Theory

Although most commonly known for diagnostic applications in the medical field, x-rays are the basis of many powerful analytical measurement techniques, including X-ray Fluorescence (XRF) Spectrometry.

XRF Spectrometry determines the elemental composition of a material. This method identifies elements in a substance and quantifies the amount present of those elements. An element is defined by its characteristic X-ray emission wavelength (λ) or energy (E). The amount of an element present is determined by measuring the intensity of its characteristic line.

All atoms have a fixed number of electrons (negatively charged particles) arranged in orbitals around their nucleus. The number of electrons in a given atom is equal to the number of protons (positively charged particles) in the nucleus. In the classical Periodic Table of Elements, the Atomic Number is specified by the number of protons. Each Atomic Number is assigned an elemental name, such as Iron (Fe), with Atomic Number 26.

XRF Spectrometry typically utilizes activity in the first three electron orbitals, the K, L, and M lines, where K is closest to the nucleus. Each electron orbital corresponds to a specific and different energy level for a given element.

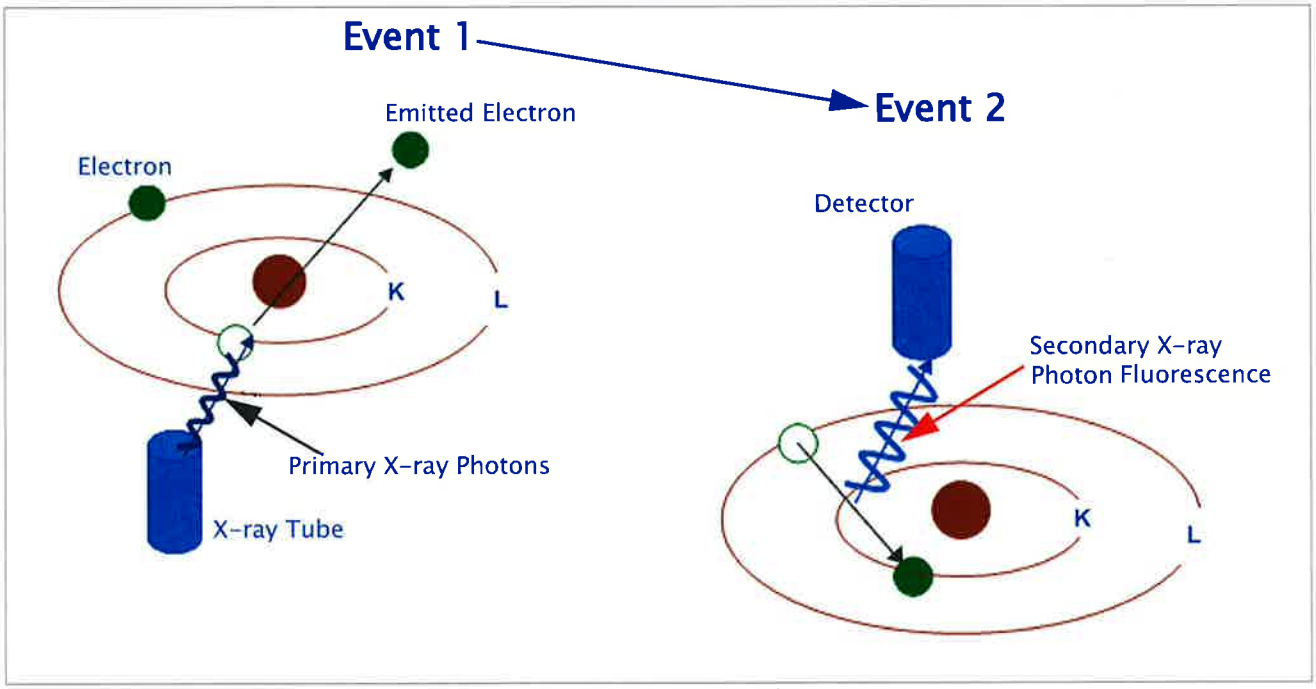
In XRF Spectrometry, high-energy primary X-ray photons are emitted from a source (X-ray tube or *radioisotope*) and strike the sample. The primary photons from the X-ray source have enough energy to knock electrons out of the innermost, K or L, orbitals. When this occurs, the atoms become unstable ions. Electrons seek stability; therefore, an electron from an outer orbital, L or M, moves into the newly vacant space at the inner orbital. As the electron from the outer orbital moves into the inner orbital space, it emits an energy known as a secondary X-ray photon.

This phenomenon is called **fluorescence**.

The secondary X-ray produced is characteristic of a specific element.

The energy (**E**) of the emitted fluorescent X-ray photon is determined by the difference in energies between the initial and final orbitals of the individual transitions.

This is described by the formula $\mathbf{E=hc/\lambda}$ where **h** is Planck's constant; **c** is the velocity of light; and λ is the characteristic wavelength of the photon.

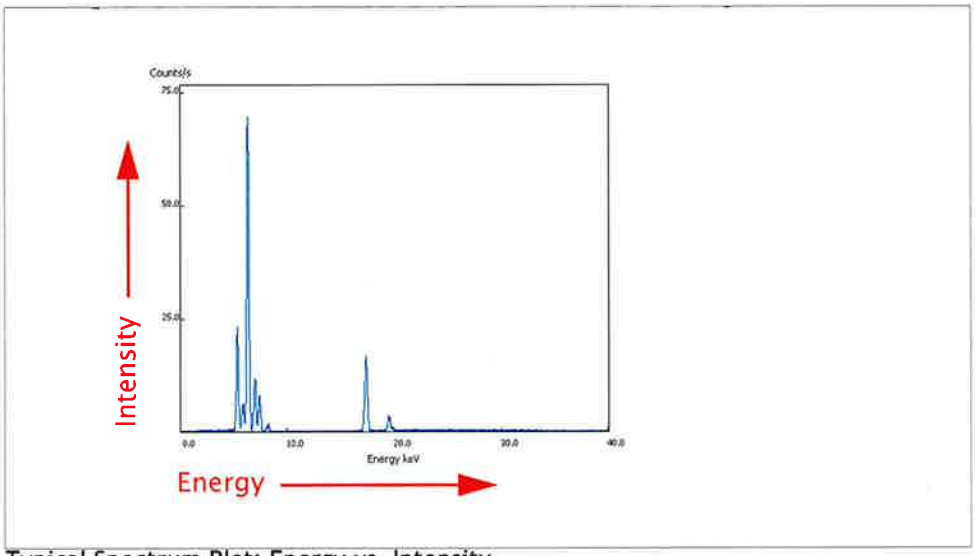


Creating a Secondary X-ray - Photon Fluorescence

Wavelengths are inversely proportional to the energies; they are characteristic for each element.

For example, the Ka energy for Iron (Fe) is about 6.4keV. The number of element-specific characteristic X-rays produced in a sample over a given period of time, or the intensity, is measured. This determines the quantity of a given element in that sample.

Typical spectra for EDXRF Spectrometry appear as a plot of **Energy (E)** versus the **Intensity (I)**.



Typical Spectrum Plot: Energy vs. Intensity

History

Timeline for XRF Spectrometry

- Wilhelm Roentgen discovered X-rays in 1895.
- Henry Moseley first published methods for identifying and quantifying elements using XRF in 1913.
- XRF research and development continued, especially during WWII.
  - Critical developments in the aircraft, automotive, steel, and other metals industries increased the need to identify alloys *quickly* and *reliably*.
- The first commercial XRF Spectrometers became available in the early 1950's. These systems were based on **Wavelength Dispersive (WD) XRF** technology.
  - The characteristic **wavelength** of an element was measured **one element at a time**.
  - WDXRF systems were useful for elemental analyses, however, the equipment had the following properties:
    - Large size
    - High initial cost
    - Required highly skilled operators to use and maintain them.
- In the late 1960's, **Energy Dispersive (ED) XRF** technology emerged as a viable commercial choice:
  - EDXRF measured the characteristic **energy** of an element.
  - Improvements in solid state detectors offered better energy resolution of the signal.
  - Had potential to collect and display information on **all** of the elements in a sample at the **same time**.
- Many of the early EDXRF systems used radioisotopes for excitation. They had the following properties:
  - Required changing sources to determine all the elements of interest.
  - Did not easily resolve multiple elements in a single analytical run.
- The current state-of-the-art in EDXRF is the result of
  - Advancements in technology (particularly X-ray tubes, solid-state components, electronics, computers, software)
  - Application of the technology by instrument manufacturers, research scientists, engineers, and industrial users.
- Now a mature technology, XRF Spectrometry is routinely used for R&D, QC, production support, and regulatory compliance.

Elemental Analysis

Investigators involved with elemental analysis generally have two working instrument techniques – *Wet Chemistry* and *XRF Spectrometry*. They are compared operationally as follows.

Wet Chemistry

Important considerations are:

- Instrument techniques are *time-consuming*.
  - Often takes twenty minutes to several hours for specimen preparation and analysis.
- Specimen is *destroyed*.
- Often necessary to employ *concentrated acids* or other *hazardous materials*.
- Requires *disposal* of waste streams generated during the analytical process.
- Relatively *high cost* per sample.

However, wet chemistry instrument techniques are necessary if the primary measurement requirement involves elemental concentrations in the PPB (or lower) range

XRF Spectrometry

Important considerations are:

- Easily and quickly identifies and quantifies elements over a wide dynamic concentration range, from PPM levels up to virtually 100% by weight.
- Does *not destroy* the sample.
- Overall sample turnaround time is *fast*.
  - Requires little, if any, specimen preparation.
  - Often results are available within seconds, minutes for some details.
- Relatively *low cost* per sample

Interferences

All elemental analysis techniques experience chemical and physical interferences. They must be corrected or compensated for in order to achieve adequate analytical results.

WET CHEMISTRY ISSUES

Most suffer from interferences that are corrected only by extensive and complex specimen preparation techniques.

XRF SPECTROMETRY ISSUES

The primary interference is from other specific elements in a substance that can influence (matrix effects) the analysis of the target element(s) of interest.

However, this interference style is well known and documented.

Both types of analyzer techniques benefit from (a) instrumentation advancements, and (b) mathematical corrections in the system's software.

In certain cases, the *geometry* of the sample can effect XRF analysis.

- This is compensated for by:
  - Grinding or polishing the sample
  - Pressing a pellet
  - Making glass beads

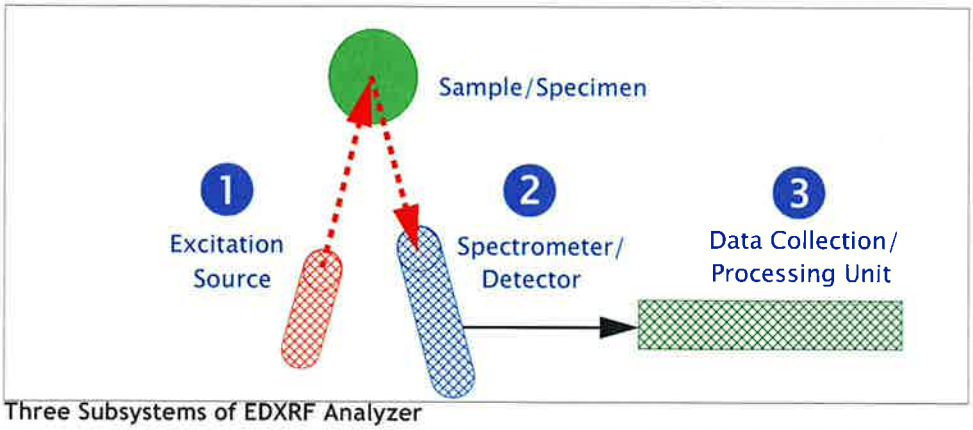
Quantitative analysis

XRF Spectrometry supporting quantitative analysis typically employs one of two software applications:

- **Empirical Methods**
  Uses calibration curves derived from standards similar in property to the target unknown sample.
- **Fundamental Parameters (FP)**
  FP is frequently preferred because it allows elemental analysis to be performed *without* standards or calibration curves.
  The analyst can use the system immediately.
  Modern computers support this *no-standard* mathematical analysis, FP, accompanied by stored libraries of known materials. These systems quickly determine not only the elemental composition of an unknown material, but even identify the unknown material itself.

EDXRF Spectrometers

An EDXRF instrument typically has three major subsystems:



Three Subsystems of EDXRF Analyzer

EDXRF analyzers are mechanically very simple; there are *no moving parts* in the excitation and detection subsystems. However, a bench-top analyzer can have moving parts.
When compared to WDXRF systems, EDXRF systems exhibit the following attributes:

- Ease of use
- Rapid analysis time
- Lower initial purchase price
- Substantially lower long-term maintenance costs

EDXRF analysis equipment is useful for many applications, including:

- Environmental analysis
- RoHS/WEEE compliance
- Scrap alloy sorting
- Forensic science
- Archaeometry

A2. Soil Testing

This appendix explains usage of all of the company's hand-held portable analyzers with the ***Soil*** or ***3 Beam Soil*** mode option installed.

This document offers instructions/procedures and regulations, as well as useful reference material, regarding:

- Portable XRF equipment usage in accordance with accepted methods.
- Basic overview of the technique of x-ray fluorescence (XRF).
- Appropriate data quality assurance protocols.
- Sample preparation steps for operators analyzing prepared soil samples.
- Tables of certified values for selected standards.

If LEAP mode is enabled, refer to configuration help in ***PN 103202***.

Section 1: Commonly Accepted Methods for Field Portable XRF

A commonly accepted method is shown: ***Field Portable XRF Spectrometry for the Determination of Elemental Concentrations in Soil and Sediment.***

Features of this method are:

- It is a field screening method, for analysis of *in-situ* or bagged samples.
- The method provides basic quality assurance methods, including calibration verification, determination of instrument precision, accuracy and limit of detection.
- The method recognizes that some XRF instruments do not require site-specific calibrations by the operator, that is, the factory calibration provides appropriate data quality.
- The method recommends that a minimum of 5-10% of samples tested by XRF be confirmed by an outside laboratory, using a total-digestion EPA analytical reference method.

The purpose of this method is ***NOT*** to replace laboratory analysis.

There are two primary sources of error in assessing a site for metal concentration: *Analytical error* and *Sampling error.*

Analytical Error

The error in the analysis of any one sample by whatever technique is used, for example XRF, ICP, or AA.

Sampling Error

This arises when **too few** samples are collected and tested.

In this case an incomplete picture of the extent of metals contamination may be obtained. Although any one sample may be analyzed with very high analytical accuracy, measuring too few samples may result in contamination plumes being mis-judged in size, or depth into the soil. In extreme cases contamination can be missed entirely.

Methods have been developed to reduce Sampling Errors by **increasing** the number of samples measured. In general, a large number of screening-level measurements provide a better characterization of contamination than a small number of measurements produced by sample removal and analytical analysis. A large number of in-situ samples provide detailed data on contamination profiles, depth (provided surface soil is moved aside), and approximate contamination levels. Portable XRF can provide results with a high degree of analytical accuracy on any given sample.

Section 2: Overview of Field Usage:

Field portable XRF is generally used in three ways to test for metals in soil:

IN-SITU SOIL TESTING:

The XRF is placed directly onto the ground for soil testing. Operators remove any plant growth and foreign objects so that the analyzer probe is flush to the soil.

BAGGED SOIL SAMPLE TESTING:

A soil sample is collected in a thin plastic bag (i.e. a *Baggie*) and testing occurs directly through the Baggie. Except for a few elements - namely Cr, V and Ba - testing through the thin plastic bag has little effect on the test result. However, results for Cr, V and Ba will be lower by 20-30%.

PREPARED SOIL SAMPLE TESTING:

Prepared sample testing assures the operator of the maximum possible accuracy. Prepared sample tests require a sample to be collected, dried if necessary, sieved and ground into a powder. The prepared sample is then placed into a baggie or XRF cup for analysis.

Sample prep procedures are provided on Section 8: Sample Prep Procedures and Testing Protocols on page 130.

ALL analytical methods require a *uniform, homogenous* sample for the best results. **XRF is no different!**

The methods generally used, namely In-situ and bagged sample testing, are considered *field-screening methods*. Although a field-screening method, in-situ testing is a valuable technique because it generates a great deal of data very quickly. Prepared soil samples generally offer the best accuracy, albeit with several minutes of sample preparation required per sample.

Subsection 2-A: Data Quality Objectives

The objective of testing is generally to determine the mixture of in-situ versus prepared sample testing. It is important to understand your data quality objectives (DQO) in order to determine the appropriate mix of field screening and prepared sample testing.

In-situ testing usually provides only *screening-level data quality.*

This is because analytical testing always requires a uniform, homogeneous sample matrix. A laboratory achieves this by digesting the sample into a hot acid before analysis. Testing directly on the ground does not ensure that uniformity is met. Preparing a sample provides a uniform sample and likely better analytical data quality, although several minutes of testing time is required.

Most portable XRF operators use a mixture of in-situ and prepared sample testing. The exact mixture of in-situ and prepared sample testing depends upon the goals of the soil testing. The examples below serve as guidelines.

Example 1: Initial site investigation to provide detailed contamination data with efficient use of laboratory analysis costs.

PROBLEM:

The site needs to be assessed for metals contamination. Little information is available about what metals are present, likely contamination levels or geographic profile of contamination.

The goal of testing is to determine what metals are present at what levels, both in area and in depth into soil. Additionally, testing will locate possible contamination plumes and/or possible sources of contamination.

RECOMMENDED TESTING PLAN:

This example uses predominately in-situ testing. The analyst will perform in-situ testing, and gather samples into plastic bags for XRF analysis. A testing grid should be established in two or three dimensions, every several feet. XRF tests can be taken at each location or bagged samples can be collected from each location for later analysis. The in-situ data for each element analyzed may be plotted in a 2-dimensional grid (X, Y coordinates versus elemental concentration) to profile a site. These concentration profiles are ideal for showing contamination patterns, boundaries and plumes. Combining this data with historical use data from the site often allows the operator to deduce sources of contamination. Obtaining this level of geographic data with purely laboratory analysis would produce excessive analytical costs.

Prepared sample analysis should also be done to confirm the regions where in-situ data indicates low or non-detected levels of metal contaminant. There is little need to prepare areas where in-situ testing indicates high concentration levels.

Innov-X recommends this procedure:

For locations where in-situ tests indicate low or non-detected concentrations, calculate the total number of in-situ tests, collect 5% of this number of tests from the various locations. Prepare these samples according to instructions on "Section 8: Sample Prep Procedures and Testing Protocols on page 130." Use these prepared samples to confirm the findings of the in-situ testing. Send a subset of these prepared samples to a laboratory for confirmatory results.

COST JUSTIFICATION:

To adequately characterize a site may require 100-200 samples/acre to be sure the contaminated areas are firmly established. This work may be done with in-situ testing to generate laboratory savings of $5,000 - $10,000/acre depending upon the number of elements being analyzed. The cost reduction in off-site analysis often justifies the price of the XRF.

Example 2: Monitor remediation efforts and assure site meets clearance levels before contractors leave the site.

GOAL:

Minimize remediation costs by only treating contaminated soil, and obtain immediate verification that various site locations meet clearance objectives.

Recommended Testing Plan:

This type of project uses a lot of both in-situ and prepared sample testing. Use in-situ testing to thoroughly delineate contamination regions in both area and depth. To determine depth profiles, test surface soil, remove at least 1-2', and retest. Repeat this step as necessary to profile contamination depth to guide remediation activities (XRF is a surface technique and only analyzes the first few mm of soil sample). As part of clearance, collect several samples from *cleared* area. Prepare samples according to *"Section 8: Sample Prep Procedures and Testing Protocols"* on page 92. Test with portable XRF.

If XRF indicates that concentration levels are:

- In excess of clearance requirements, then continue remediation efforts.
- Below clearance requirements, then discontinue remediation efforts, and send a subset of the samples to an analytical laboratory to confirm results. Most operators safely assume that the cleanup requirements have been met for the elements in question, but await final analysis from the laboratory.

If XRF lists concentration levels as non-detected, but the detection level reported exceeds clearance requirements, send samples to a laboratory for final results.

Cost Justification: In-situ results are used to guide remediation efforts, in order to obtain maximum efficiency. Efficiency is produced because contamination boundaries are firmly established, thus avoiding remediation efforts with *clean* soil. Prepared sample testing is used to assure that clearance requirements are met on-site in near real-time (pending laboratory confirmation). Costs savings are generated by avoiding clearance failures. The contractors can leave the site earlier and will not be called back to the site for additional cleanup.

Important Note:

Never clear a site based solely on in-situ testing. Always use well-prepared samples to make a clearance decision.

Example 3: Minimize volume of hazardous waste for treatment or disposal.

Goal:

For some cleanup projects, the cost of soil disposal in a hazardous waste landfill is much greater than disposal in a standard landfill. Testing soil samples with XRF may minimize the amount of *clean* soil that is inadvertently shipped to a hazardous-waste landfill.

Recommended Testing Plan:

This example is almost entirely based on prepared sample testing. Representative samples are removed from the soil being hauled to landfill. Obtaining an accurate analysis of the samples is crucial for making a hazardous versus non-hazardous determination. For this reason, prepared sample testing is strongly recommended.

Important Note:

These types of samples are subject to Toxicity Characteristic Leaching Procedures (TCLP) for the landfill determination. In general, 20 times the XRF result should be less than the allowable limit for the metal in question. Please contact Innov-X Systems for more details on testing samples versus TCLP regulatory requirements.

Section 3: Quality Assurance

Quality assurance is detailed for both the proper use of the analyzer and for verifying the data quality of in-situ testing. All operators should perform the QC procedure, regardless of their data quality objectives. There must be strict requirements about quality assurance. Additionally, Innov-X recommends that operators verify the data quality of in-situ test results, if they are using in-situ data to guide their reporting or remediation decisions. Procedures are listed below:

Proper verification of instrument operation

Quality assurance here consists of testing known standards to verify calibration, as well as testing blank standards to determine limits of detection and to check for sample cross-contamination or instrument contamination. We recommend a detailed procedure, which is provided here in abbreviated form.

Components of instrument QC:

- An energy calibration check sample at least twice daily
- An instrument blank for every 20 environmental samples
- A method blank for every 20 *prepared* samples
- A calibration verification check sample for every 20 samples
- A precision sample at least one per day
- A confirmatory sample for every 10 environmental samples

Energy Calibration Check: The Innov-X analyzer performs this automatically; this is the purpose of the standardization check when the analyzer is started. The software does not allow the analyzer to be used if the standardization is not completed.

Instrument Blank: The operator should use the SiO_2 (silicon dioxide) blank provided with the analyzer. The purpose of this test is to verify there is no contamination on the analyzer window or other component that is *seen* by the x-rays. We recommend an instrument blank at least once per day, preferably every 20 samples. For either in-situ or prepared-sample testing, the operator should just test the SiO_2 blank to be sure there are no reported contaminant metals.

Method Blank: The purpose of the method blank is to verify that cross-contamination is not introduced into samples during sample preparation. We recommend following the sample preparation procedures with clean SiO_2 once very 20 prepared samples. This QC step is not required if the operator is not preparing samples.

Calibration Verification: Innov-X provides standard reference samples for calibration check by operator. The operator should perform a two minute test on a standard. The difference between the XRF result for an element and the value of the standard should be 20% or less. Calibration Verification should be performed upon instrument startup and periodically during testing.

NOTE

Innov-X recommends a calibration check every 4 hours. Some users make a calibration check every 20 samples. Reference standards are generally applicable for Pb, As, Cr, Cu, Zn. Innov-X provides additional reference standards for Priority Pollutant metals including Cd, Se, Ag, Hg, Ag, Ba, Sn, Sb, and Ni.

Precision Verification: It is good practice to make a minimum of one precision sample run per day by conducting from 7 to 10 replicate measurements of the sample. The precision is assessed by calculating a relative standard deviation (RSD) of the replicate measurements for the analyte. The RSD values should be less than 20 percent for most analytes, except chromium, for which the value should be less than 30 percent.

Confirmatory Sample: It is recommended that one confirmatory sample is run for every 10 samples collected. It is good practice to have confirmatory samples collected from the same sample material that is analyzed on site, but are sent to an off-site laboratory for formal analysis. The purpose of a confirmatory sample is to judge the accuracy of the data obtained by analysis on site and to allow corrections, if necessary."

Important Notes about confirmatory samples:

Innov-X always recommends that customers compare prepared-sample results to laboratory results. To do this, collect and prepare a sample following the protocols shown on *"Section 8: Sample Prep Procedures and Testing Protocols"* on page 92. Take a subsample and submit to the laboratory for analysis. The single largest error in XRF analysis is lack of sample preparation. For the best comparison, always use prepared samples.

Determining data quality of in-situ testing:

For operators relying extensively on in-situ testing, it is important to determine the data quality of this testing at a given site. *This protocol is not intended for every sample, but rather for a small percentage of samples considered representative of the site.* If the operator can demonstrate that quantitative data is achieved with little or no sample preparation, then the site characterization will be completed much more quickly but correctly.

For example, an operator may be able to demonstrate that the XRF result changes considerably when samples are passed through a 2 mm sieve, but that XRF results do NOT change appreciably upon finer sieving. In this case, the operator can conclude that good XRF data is achievable with only 2 mm sieving. Sieving only to this level requires far less time than a more robust sample preparation.

A protocol to determine the *appropriate level of sample preparation* is the following:

1. Delineate a region of soil approximately 4" x 4".
2. Perform several in-situ tests in this area, or collect the top (approximately) quarter inch of soil from this region, bag the soil, test through the bag. In either case, average the results.
3. If you did not bag the in-situ test sample, collect the top (approximately) quarter inch of soil from this region and sieve through the 2 mm sieve provided. Otherwise sieve the bagged sample used for the in-situ test. Thoroughly mix the sieved sample, and place some of the sieved material into an XRF cup, and perform a test of this sample.
4. If the results of this prepared sample differ by:
   - Less than 20% with the average in-situ result, this indicates the soil in this region is reasonably homogeneous. The data quality in this case is probably at the semi-quantitative level, rather than just screening data.
   - More than 20%, this indicates the soil is not very homogeneous, and there are serious particle size effects affecting your in-situ measurements.
     In this case, sieve the sample through the ~250 m sieve. Mix this sample and place a sub-sample into an XRF cup for testing. If this result differs from the previous by less than 20% then this indicates that at a minimum the 2 mm sieving is necessary to achieve higher data quality.
     If this result differs by more than 20% from the sample sieved through 2 mm, then particle size effects are still affecting the XRF result. In this case samples should be sieved through 125 µm to assure data quality at the quantitative level.

Section 4: Calibration for Innov-X Portable XRF

The Innov-X analyzer can run *three* different calibration methods, described below.

COMPTON NORMALIZATION:

In nearly all cases, customers use the Compton Normalization method. This method (recognized in EPA 6200) offers speed, ease of use, and generally good accuracy for concentration ranges from the ppm level up to 2-3% concentrations. As most field-testing is seeking to remediate or locate environmental contaminants, the upper limit of the calibration (2-3%) is generally not a limitation.

FUNDAMENTAL PARAMETERS (FP):

If customers do require a calibration up to 100% concentration (i.e. a pure element), then Innov-X recommends they also include the Fundamental Parameters (FP) software module with the analyzer. The FP module may be added at time of purchase or as an upgrade at any later date.

NOTE

In general, customers do not need to calibrate Innov-X analyzers for soil testing. The analyzer is delivered with a factory calibration, generally based upon the Compton Normalization (CN) method. The CN method has been proven over the past several years to provide a robust calibration generally independent of site-specific soil matrix chemistry.
All customers should follow the QC procedure described in Section 3, which includes a check of the calibration.

EMPIRICAL CALIBRATION:

In this case, customers run standards to generate calibration curves for various elements in specific soil matrices. With a well-prepared sample, the empirical method generally yields the most accurate result. In our experience, the accuracy gains going *from* Compton Normalization *to* Empirical Mode are small and not worth the extra effort in setting up calibration curves.
The empirical calibration module is an optional software package, available for an upgrade fee at the time of purchase, or as an upgrade at any later date.

CAUTION

The *greatest source of error* for in-field XRF analysis of soil is *lack of adequate sample preparation*, thus there is little gained in developing a sophisticated empirical calibration if the operator does not grind and homogenize the all measured samples.

Calibration Requirements:

The concentration of an element in a soil sample is well-described by the formula:

$$w_i = \frac{k_i}{M(Z,i)} I_i$$

where:

k_i = calibration constant for element *i*

ω_i = concentration of element *i* - the quantity being measured

I_i = measured x-ray intensity from element *i*

M(Z,I) = Soil matrix value

The factory calibration determines the value of the calibration constants k_i for each element, and a typical value M(Z,I). The calibration method - either CN, fundamental parameters, or empirical - performs the necessary corrections to the value M(Z,I) that are important for the site-specific soil chemistry. The XRF analyzer uses the measured intensity of each element's fluorescence from the sample, and the calibration data, to produce elemental concentrations.

COMPTON NORMALIZATION CALIBRATION:

The Compton Normalization method calibration consists of the analysis of a single, well-characterized standard, such as an SRM or SSCS. The standard data are normalized to the Compton peak. The Compton peak is produced from incoherent backscattering of X-ray radiation from the excitation source and is present in the spectrum of every sample. The matrix affects the way in which source radiation is scattered off the samples. This scatter is directly related to the intensity of the Compton peak. For that reason, normalizing to the Compton peak can reduce problems with matrix effects that vary among samples. Compton normalization is similar to the use of internal standards in analysis for organic analytes.

FUNDAMENTAL PARAMETERS CALIBRATION:

The fundamental parameters (FP) calibration is a *standardless* calibration. Rather than establishing a unit's calibration curve by measuring its response to standards that contain analytes of known concentrations, FP calibration relies on the known physics of the spectrometer's response to pure elements to set the calibration. Built-in mathematical algorithms are used to adjust the calibration for analysis of soil samples and to compensate for the effects of the soil matrix. The FP calibration is performed by the manufacturer, but the analyst can adjust the calibration curves (slope and y-intercept) on the bases of results of analyses of check samples, such as SRMs which are analyzed in the field.

EMPIRICAL CALIBRATION:

The empirical calibration method requires that a number of site-specific calibration standards (SSCS) are used to establish calibration parameters. The instrument response to known analytes is measured and used to create calibration curves. Empirical calibration is effective because the samples used closely match the sample matrix. SSCSs are well-prepared samples collected from the site of interest in which the concentrations of analytes have been determined by inductively coupled plasma (ICP), atomic absorption (AA), or other methods.

The standards should contain all the analytes of interest and interfering analytes. Manufacturers recommend that 10 to 20 calibration samples be used to generate a calibration curve. The empirical method is the least desirable calibration method as it requires that new standards and curves are generated for each site that is analyzed.

Section 5: Effects of Moisture on XRF Results

Sample moisture has two effects on XRF results:

- It alters the soil chemistry, since water is another chemical compound that comprises the soil matrix.
- Moisture impedes the ability to properly prepare samples.

There is a further testing consideration:

- Laboratory results are provided on a *dry weight* basis.

Effect on Soil Chemistry:

While the presence of significant moisture does impact the soil chemistry, modern XRF analyzers all perform automatic corrections for variations in soil chemistry from site to site. Indeed, such variations are expected, and that is the reason analyzers use Compton Normalization or fundamental parameters, in order to correct for moisture content changes as well as other differences in soil geochemistry.

It is known that moisture content above 20 percent may cause problems, since moisture alters the soil matrix for which the FPXRF has been calibrated. However, the Compton Normalization or fundamental parameters methods are implemented in order to automatically correct results for changes to the soil matrix. Thus, we believe that soil moisture is not a significant effect on accuracy due to effects of soil matrix, except for the *dilution* effect that can cause discrepancies with laboratory results which is described below.

Sample Preparation Issues:

The inability to adequately prepare a wet sample is, we believe, the single biggest contributor to errors when testing wet samples. It is very difficult to grind or sieve a wet sample. The highest quality XRF results are generally obtained from prepared samples.

CAUTION

If the operator is unwilling to dry the sample to prepare it, comparisons to the laboratory may yield poorer correlation since the samples are not homogeneous.

Laboratory Tests on Dry-Weigh Basis:

Laboratories always dry samples prior to analysis. They report percent weight content based upon a dry sample basis. Portable XRF may often be used to analyze wet samples in the field, and results are thus reported that include the moisture content. Thus, with all other factors the same, the laboratory will report results higher than portable XRF. The results are higher by the amount of moisture content in the sample. For example, laboratory results will be 10% higher compared to XRF results, if the sample contained 10% by weight water when it was tested with XRF. Recall, this applies to samples where other possible sources of error are the same or negligible.

Section 6: Comparing XRF Results to Laboratory Results

Innov-X strongly recommends that operators compare prepared sample results to laboratory results. This is because prepared-sample results yield the best possible accuracy with portable XRF. Moreover, the most common source of error is due to non-uniform samples. No analytical technique, including the XRF technique, can properly account for non-uniform sample types.

To perform a comparison between XRF results and laboratory:

1. Collect a sample and prepare it according to the sample preparation guide given in *"Section 8: Sample Prep Procedures and Testing Protocols"* on *page 90*.
2. Take a sub-sample (5-10 grams) of the fully-prepared sample, place it into an XRF cup and perform at least a one-minute test on that sample.
3. Send the same sample to the laboratory for wet chemistry analysis.
4. Require the laboratory to use a *total-digestion method*. If the laboratory does not, they may not extract all of the elemental metal from the sample. In this case, the lab result will be lower than the XRF result. Incomplete sample digestion is one of the *most common* sources of laboratory error, thus it is very important to request a total digestion method.

Example of Error: The operator collects a bag of sample, performs XRF analysis on one part of the bag, and sends the bag, or part of the bag of sample to a laboratory for analysis. The laboratory reports a very different value than the operator obtained with the XRF.

Problem:

Since the sample is very non-homogeneous, the operator did not obtain a result that was representative of the entire bag of sample. The lab analyzed a different part of the sample and obtained a very different result due to the non-uniformity of the sample. The solution to this problem is, at a minimum, to test several locations in the bag of sample and report the average value. Also note the differences between the tests, as this is indicative of the non-uniformity of the sample. The operator should send entire bag of sample to the lab, and instruct the lab to prepare the sample before removing the sub-sample for lab analysis.

Best Practice:

The operator should homogenize and prepare the entire bag of sample, and then collect a sub-sample for XRF testing. After testing, the *same sample* should be sent to the lab.

APPENDIX 6

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140015	PPM	-7713	1018	1227	268	556	89	2460	83	40603	428	726	19	29	3	52	5	115	6	8081	42	4	0	-22	4	2	2	9	1	2	1
1140016	PPM	-5875	1055	1514	277	598	90	3736	99	41156	425	985	22	36	3	38	4	131	6	9516	47	6	0	-24	4	4	2	11	1	3	1
1140017	PPM	-6861	1124	1021	281	606	96	3254	96	44881	475	875	22	25	3	59	5	160	7	14176	64	8	0	-26	5	7	2	19	1	3	1
1140018	PPM	-6177	986	1143	246	646	85	3270	90	39626	402	918	21	30	3	36	4	122	6	4199	26	3	0	-12	4	4	2	11	1	2	1
1140019	PPM	-6398	1157	1574	307	605	99	3436	100	45311	482	1033	25	38	3	53	5	150	7	16952	73	10	0	-33	5	6	2	14	1	4	1
1140020	PPM	-7398	969	983	242	648	86	3391	93	40013	408	843	20	27	2	40	4	126	6	3818	25	2	0	-12	4	4	2	7	1	2	1
1140021	PPM	-5564	1164	1288	294	547	97	3202	97	44478	477	1072	25	33	3	60	5	196	7	14423	66	9	0	-35	5	6	2	18	1	3	1
1140022	PPM	-4660	1219	1027	299	650	105	4322	117	42791	480	1074	26	26	3	70	6	275	9	16258	75	11	0	-45	5	7	2	27	1	4	1
1140023	PPM	-6145	1070	1574	281	636	91	3596	97	43253	442	1030	23	27	3	54	5	170	7	10381	50	7	0	-20	4	7	2	22	1	2	1
1140024	PPM	-4014	1164	1132	277	756	98	3482	99	45025	473	893	22	28	3	51	5	193	7	9555	48	6	0	-11	4	1	2	20	1	4	1
1140025	PPM	-6768	942	1360	243	511	78	3018	84	40048	393	833	19	26	2	33	4	109	5	2388	19	2	0	-14	4	4	2	6	1	2	1
1140026	PPM	-5328	1084	934	257	695	92	3488	96	43074	445	707	19	27	3	41	4	156	6	7839	41	5	0	-16	4	5	2	12	1	3	1
1140027	PPM	-3942	1130	1201	272	537	90	3306	95	43077	449	953	22	33	3	50	5	146	7	10212	50	7	0	-27	4	6	2	9	1	3	1
1140028	PPM	-5558	916	1075	223	606	76	457	41	38968	366	1115	21	30	2	40	4	109	5	4722	27	3	0	-67	3	2	2	11	1	5	1
1140029	PPM	-3506	1024	2003	267	530	80	2988	85	40048	398	823	19	24	2	27	4	112	5	2210	18	1	0	-16	4	-1	2	3	1	2	1
1140030	PPM	-7907	1115	719	276	575	98	2949	94	44704	479	1324	28	40	3	74	5	280	8	16074	71	8	0	-20	5	12	2	25	1	2	1
1140031	PPM	-6252	1066	1394	275	730	95	3267	95	42074	441	1064	24	30	3	45	5	161	7	7567	40	5	0	-30	4	4	2	14	1	2	1
1140032	PPM	-6824	1394	1673	380	696	124	3618	115	50488	589	1262	32	39	4	90	7	382	11	39440	163	19	1	-65	6	26	2	72	2	9	1
1140033	PPM	-4171	1059	1294	258	718	88	2699	83	41649	420	517	16	20	2	35	4	152	6	6761	37	4	0	-7	4	7	2	34	1	3	1
1140034	PPM	-6891	1056	1240	269	612	89	2570	82	44186	448	758	20	26	3	55	5	184	7	10823	51	6	0	-20	4	9	2	35	1	2	1
1140035	PPM	-4731	1136	1457	285	537	90	2408	83	44740	464	652	19	24	3	47	5	203	7	12262	57	6	0	-12	5	2	2	26	1	3	1
1140036	PPM	-4624	1103	939	259	522	88	2930	89	42877	446	717	19	26	3	47	4	175	7	8329	43	4	0	-21	4	1	2	11	1	2	1
1140037	PPM	-7237	1095	1928	305	513	92	3161	94	44326	464	847	22	30	3	55	5	160	7	13213	60	7	0	-29	4	4	2	12	1	4	1
1140038	PPM	-6040	1070	1485	280	817	96	2926	88	42662	436	893	21	25	3	43	4	165	7	12451	58	9	0	-32	4	5	2	21	1	3	1
1140039	PPM	-6657	955	1537	254	673	83	3964	95	40288	392	908	20	28	2	42	4	141	6	6507	35	4	0	-18	4	8	2	10	1	1	1
1140040	PPM	-7441	964	1031	243	752	89	3798	96	40319	406	1063	22	33	3	44	4	131	6	4862	29	3	0	-13	4	3	2	10	1	2	1
1140041	PPM	-5709	1047	1490	272	606	89	3903	99	41828	422	1100	23	35	3	37	4	153	6	10578	50	6	0	-33	4	3	2	12	1	3	1
1140042	PPM	-5017	1079	694	256	676	94	3586	98	39554	415	1014	23	31	3	56	5	157	7	14085	64	8	0	-26	5	8	2	14	1	3	1
1140043	PPM	-4405	976	978	229	530	78	2759	80	38732	379	791	18	27	2	29	4	100	5	4644	28	3	0	-17	4	2	2	6	1	2	1
1140044	PPM	-6188	1410	1594	334	913	109	1208	69	70708	733	330	15	24	3	54	5	392	10	19277	96	4	1	-64	5	14	2	50	2	8	1
1140045	PPM	-3423	1098	1167	259	644	88	3123	88	43766	436	833	20	27	3	44	4	244	7	9176	45	6	0	-32	4	-1	2	25	1	3	1
1140046	PPM	-3294	1106	2082	284	503	82	3032	85	46719	454	771	19	25	2	44	4	194	7	8240	41	4	0	-39	4	-1	2	17	1	2	1
1140047	PPM	-6245	1019	932	244	552	81	2025	71	44543	432	537	16	19	2	37	4	263	7	9617	45	4	0	-53	4	-6	2	17	1	3	1
1140049	PPM	-5181	979	1426	237	635	73	403	38	48324	425	91	8	6	1	20	3	402	8	7776	38	3	0	-85	3	-6	2	26	1	2	1
1140050	PPM	-4661	1396	1011	337	578	107	513	56	59262	625	207	17	15	3	56	6	266	9	53032	207	24	1	-172	5	5	2	75	2	11	1
1140051	PPM	-7411	1035	1597	279	718	92	3851	99	43693	441	955	22	36	3	53	5	196	7	10058	49	6	0	-2	5	12	2	21	1	1	1
1140052	PPM	-5367	1171	1511	303	788	104	3052	94	45323	478	1602	31	43	3	55	5	233	8	17601	76	10	0	-44	5	10	2	27	1	4	1
1140053	PPM	-5140	1008	1741	265	633	84	3390	88	41658	404	1056	22	33	3	47	4	149	6	8328	41	5	0	-27	4	1	2	15	1	3	1
1140054	PPM	-4891	1068	1756	277	526	84	3454	92	43723	435	607	17	30	2	47	4	144	6	8568	43	5	0	-4	4	18	2	13	1	2	1
1140055	PPM	-5616	1022	1439	261	628	84	2241	73	43302	419	583	17	28	2	54	4	255	7	10635	48	5	0	-40	4	19	2	16	1	3	1
1140056	PPM	-5668	1062	1746	281	642	89	3484	94	43149	436	842	20	28	3	39	4	170	7	9427	47	5	0	-16	4	8	2	13	1	4	1
1140057	PPM	-4719	1028	1261	251	560	82	3212	87	42175	414	791	19	24	2	33	4	129	6	6883	37	4	0	-12	4	3	2	11	1	2	1
1140058	PPM	-4962	1104	1118	272	403	87	3067	91	42336	438	1013	23	33	3	41	5	156	7	14224	64	8	0	-35	4	5	2	14	1	4	1
1140059	PPM	-5584	992	1237	251	565	81	541	46	39872	392	252	12	67	3	91	5	139	6	14267	64	9	0	-90	4	73	3	8	1	5	1
1140060	PPM	-3694	1092	1276	264	646	88	2859	86	42122	429	576	17	27	2	40	4	164	6	8599	44	5	0	-9	4	9	2	15	1	2	1
1140061	PPM	-6419	989	1298	253	638	84	3403	89	41626	408	798	19	26	2	43	4	159	6	8240	42	5	0	-7	4	8	2	13	1	2	1
1140062	PPM	-6981	1003	1320	258	632	85	3038	86	43183	426	669	18	26	2	48	4	176	6	7776	41	4	0	-2	4	6	2	13	1	1	1
1140063	PPM	-5389	810	734	186	517	61	210	29	37689	318	48	6	3	1	17	3	235	6	6118	30	4	0	-83	3	-2	1	24	1	2	0
1140064	PPM	-4440	863	991	201	553	65	468	36	39722	339	165	8	9	1	29	3	213	6	6111	30	4	0	-64	3	-5	1	31	1	2	0
1140065	PPM	-6240	861	1174	214	591	69	350	35	39442	351	66	7	4	1	18	3	227	6	5815	31	3	0	-86	3	-3	2	43	1	4	1
1140066	PPM	-5786	1075	1547	278	732	93	3273	94	42911	444	796	20	24	3	55	5	170	7	8229	43	5	0	-18	4	7	2	14	1	2	1
1140067	PPM	-8034	945	1131	247	436	79	3308	89	39899	398	750	19	31	2	42	4	135	6	7551	40	4	0	-19	4	3	2	10	1	2	1
1140068	PPM	-5859	1026	1254	262	551	86	3325	90	41003	410	994	22	27	3	50	4	166	6	11948	56	7	0	-14	4	5	2	13	1	2	1
1140069	PPM	-4202	1084	1275	265	753	91	3310	91	42968	431	724	19	30	3	43	4	196	7	10414	50	5	0	-8	4	5	2	14	1	2	1
1140070	PPM	-5529	1102	895	264	655	94	3823	103	42584	449	916	22	32	3	53	5	172	7	9950	49	5	0	-26	4	3	2	13	1	5	1
1140071	PPM	-7327	1022	1284	267	792	93	2782	85	42397	429	740	19	22	2	40	4	190	7	11796	55	6	0	-23	4	10	2	15	1	2	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140072	PPM	-5782	1052	1598	278	546	87	3850	97	42577	425	1064	23	36	3	51	5	216	7	13338	60	8	0	-15	5	8	2	14	1	2	1
1140073	PPM	-3951	1178	1241	291	621	98	3497	100	43411	461	941	23	33	3	49	5	176	7	17182	75	10	0	-44	5	3	2	20	1	4	1
1140074	PPM	-7075	1076	1512	287	689	95	3331	95	43458	452	932	22	28	3	49	5	216	7	12636	59	8	0	-31	4	5	2	21	1	5	1
1140075	PPM	-6531	1198	1369	313	623	104	3297	100	46378	501	1293	28	31	3	55	5	229	8	21697	93	11	1	-48	5	13	2	31	1	4	1
1140076	PPM	-4036	1156	1410	289	718	97	3594	97	44884	459	1161	25	33	3	59	5	209	7	17606	75	11	0	-29	5	10	2	40	1	4	1
1140077	PPM	-3378	1133	1515	282	412	86	3331	94	43085	443	792	20	30	3	44	5	161	7	11792	56	7	0	-17	5	8	2	13	1	2	1
1140078	PPM	-4043	1059	1157	253	760	89	2782	82	42679	422	991	21	32	3	50	4	149	6	7966	41	4	0	-20	4	4	2	16	1	3	1
1140079	PPM	-3404	1229	1131	295	653	101	2786	91	45964	488	1344	28	41	3	97	6	256	8	19269	83	9	0	-28	5	10	2	37	1	2	1
1140080	PPM	-3907	1425	1744	343	1057	122	637	68	55261	653	227	13	24	2	104	6	319	10	4092	37	1	0	-41	5	-1	3	189	4	13	1
1140081	PPM	-6183	1168	1410	302	660	101	3735	103	46174	489	1562	31	41	3	101	6	304	9	19034	84	12	0	-27	5	15	2	52	2	4	1
1140082	PPM	-4806	971	1907	258	773	84	3340	85	40167	384	1011	21	28	2	31	4	133	6	4922	28	3	0	-22	4	2	2	11	1	2	1
1140083	PPM	-4802	1120	1546	290	753	97	3297	94	42534	442	1021	24	31	3	55	5	184	7	14785	66	9	0	-25	5	7	2	23	1	2	1
1140084	PPM	-5706	1079	1537	280	607	89	3233	90	44632	445	1028	23	33	3	40	4	167	7	14181	63	8	0	-20	4	6	2	20	1	3	1
1140085	PPM	-5582	1051	1552	275	724	92	4381	105	41447	422	1105	23	33	3	47	4	193	7	9895	48	5	0	-23	4	5	2	20	1	4	1
1140086	PPM	-5278	1104	1550	286	559	92	3166	93	42414	443	1067	24	30	3	40	5	278	8	12413	59	8	0	-37	5	6	2	19	1	4	1
1140087	PPM	-4830	1024	1171	250	744	87	3384	88	42165	410	1106	22	30	3	41	4	165	6	8768	43	5	0	-10	4	6	2	12	1	2	1
1140088	PPM	-5918	1069	1539	282	746	94	2688	83	42844	432	822	21	35	3	59	5	162	7	14923	66	6	0	-16	4	14	2	22	1	4	1
1140089	PPM	-5416	1066	1927	285	654	88	2484	81	43148	437	564	17	28	2	49	4	175	7	8879	44	4	0	-43	4	7	2	41	1	3	1
1140090	PPM	-4586	1132	1620	290	597	93	3115	94	42869	454	799	21	27	3	46	5	190	7	9742	49	5	0	-27	4	9	2	33	1	3	1
1140091	PPM	-5420	1091	1095	265	776	93	3439	93	45613	455	753	19	27	3	53	5	218	7	12288	56	6	0	-12	4	11	2	29	1	0	1
1140092	PPM	-2979	1133	1326	273	559	89	3224	94	41678	437	682	19	26	3	44	4	171	7	8021	42	5	0	-12	4	9	2	21	1	4	1
1140093	PPM	-6354	1041	1139	263	723	92	3122	90	41485	426	613	18	30	3	37	4	165	7	10929	53	6	0	-13	5	9	2	15	1	3	1
1140094	PPM	-6976	1044	1306	267	665	89	3502	94	44354	447	702	19	32	3	51	4	193	7	10898	52	7	0	-13	4	5	2	16	1	4	1
1140095	PPM	-6551	1052	1479	280	608	92	3798	100	40933	426	1241	26	36	3	55	5	161	7	11644	55	8	0	-41	4	5	2	22	1	3	1
1140096	PPM	-6805	1046	1218	273	405	86	3440	96	40526	422	861	21	28	3	55	5	154	7	13265	61	7	0	-31	4	3	2	12	1	2	1
1140097	PPM	-7158	959	1441	257	591	83	3012	85	39194	393	691	18	28	2	25	4	140	6	7716	40	4	0	-17	4	2	2	9	1	2	1
1140098	PPM	-3099	1172	857	268	919	101	3219	93	44957	464	947	23	30	3	49	5	190	7	14391	64	8	0	-31	4	7	2	13	1	4	1
1140099	PPM	-5239	1206	837	293	741	106	3919	108	45118	487	1463	30	35	3	79	6	254	8	22271	95	13	1	-54	5	9	2	25	1	4	1
1140100	PPM	-5092	1072	1476	274	566	88	2815	86	41968	428	1007	23	29	3	52	5	160	7	11044	53	7	0	-26	4	4	2	12	1	2	1
1140101	PPM	-6936	1182	1940	327	561	100	2944	94	46799	499	932	24	30	3	71	5	1357	19	21181	91	11	1	-20	5	41	2	41	2	7	1
1140102	PPM	-5796	1007	1233	253	486	80	2841	82	41781	408	749	19	24	2	50	4	598	10	9478	44	6	0	-41	4	14	2	15	1	2	1
1140103	PPM	-6361	948	1451	246	474	76	2412	75	40005	389	681	17	24	2	30	4	140	6	4623	28	3	0	-19	4	6	2	10	1	2	1
1140104	PPM	-4837	1074	1297	267	629	91	3730	100	40775	425	956	22	30	3	32	4	146	6	7769	41	4	0	-31	4	3	2	14	1	3	1
1140105	PPM	-6772	1059	1280	271	678	92	3410	94	43895	447	971	22	28	3	56	5	171	7	11898	56	7	0	-20	5	6	2	16	1	3	1
1140106	PPM	-6915	955	771	228	612	79	1848	66	42407	402	546	15	18	2	26	4	865	13	8420	40	3	0	-58	3	1	2	18	1	4	1
1140107	PPM	-6422	1028	1473	266	504	83	2902	85	43358	432	721	18	20	2	39	4	174	6	7987	41	5	0	-16	4	7	2	27	1	2	1
1140108	PPM	-4765	1083	1479	273	682	90	3286	92	43227	439	580	17	25	2	44	4	181	7	9119	46	5	0	-16	4	12	2	19	1	2	1
1140109	PPM	-5916	1062	1520	271	780	90	3740	95	45688	451	673	18	25	2	57	4	185	7	9265	45	5	0	-7	4	13	2	16	1	1	1
1140110	PPM	-4384	1191	871	278	704	98	3357	96	47562	493	916	23	41	3	64	5	288	8	16634	74	10	0	-11	5	31	2	30	1	4	1
1140111	PPM	-4732	1161	1303	285	708	96	3384	96	47045	484	825	21	32	3	54	5	345	9	14936	67	9	0	-19	5	23	2	22	1	3	1
1140112	PPM	-7280	1105	1202	278	619	93	3637	100	47026	487	750	20	25	3	51	5	268	8	10969	52	5	0	-14	4	14	2	18	1	3	1
1140113	PPM	-5584	1132	1712	293	634	92	3480	96	47620	482	856	21	33	3	61	5	231	7	12361	57	7	0	-10	5	17	2	21	1	3	1
1140114	PPM	-4768	1113	1252	269	549	87	3299	92	46433	465	695	19	30	3	49	4	244	7	10509	50	7	0	-4	5	14	2	17	1	3	1
1140201	PPM	-4470	1223	1728	313	617	98	3691	101	49466	512	1032	24	40	3	67	5	425	10	18898	82	11	0	9	5	45	3	32	1	4	1
1140202	PPM	-3285	1147	992	268	729	96	2838	87	43926	452	1526	29	35	3	48	5	245	8	12967	59	8	0	-45	4	13	2	37	1	3	1
1140203	PPM	-4906	1139	1277	280	823	98	3678	99	45831	472	967	23	35	3	48	5	164	7	12915	59	8	0	-44	4	7	2	13	1	2	1
1140204	PPM	-4851	1168	1066	282	655	97	3785	103	45848	480	1040	24	35	3	68	5	187	7	14915	67	8	0	-28	5	13	2	19	1	2	1
1140205	PPM	-6044	1051	1499	270	940	97	3078	90	43011	440	956	22	29	3	43	4	153	6	5706	33	3	0	-35	4	6	2	13	1	5	1
1140206	PPM	-4056	1065	1279	257	735	88	3423	90	43577	428	908	20	31	3	51	4	172	6	8758	44	5	0	-22	4	6	2	16	1	4	1
1140207	PPM	-5579	1098	921	265	668	93	3823	100	43602	449	902	22	31	3	50	5	200	7	12850	59	7	0	-19	5	9	2	23	1	3	1
1140208	PPM	-4762	997	1392	243	756	82	3789	90	44066	413	912	19	27	2	38	4	133	5	4708	28	3	0	-19	4	3	2	10	1	1	1
1140209	PPM	-7310	1098	1756	294	698	95	3471	97	46719	483	743	20	27	3	52	5	209	7	11044	53	6	0	-40	4	9	2	13	1	2	1
1140210	PPM	-7344	1152	1419	308	643	102	3381	99	45300	483	1137	26	31	3	58	5	190	8	21674	92	12	1	-50	5	9	2	14	1	4	1
1140211	PPM	-4152	1122	1158	275	860	100	4034	104	41701	435	1101	24	36	3	43	5	209	7	13383	62	8	0	-35	4	7	2	14	1	4	1
1140212	PPM	-7315	1118	1412	293	668	97	3889	103	46713	483	1062	24	34	3	68	5	252	8	16440	72	9	0	-23	5	14	2	25	1	5	1
1140213	PPM	-4098	1114	1497	265	558	81	629	49	49846	485	288	12	22	2	67	4	145	6	6171	37	4	0	-32	4	653	7	23	2	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140214	PPM	-5923	961	1259	242	619	80	2932	82	40108	390	736	18	23	2	31	4	118	5	4961	29	3	0	-9	4	3	2	8	1	2	1
1140215	PPM	-5577	979	834	232	549	81	3010	84	39806	391	940	20	25	2	42	4	121	6	6730	36	4	0	-17	4	7	2	8	1	2	1
1140216	PPM	-5493	1036	1301	257	723	87	3082	86	43785	429	814	19	31	3	39	4	159	6	7801	40	4	0	3	4	6	2	12	1	2	1
1140217	PPM	-3653	1051	1065	239	547	76	884	51	46927	438	226	11	9	2	23	4	84	5	7330	35	3	0	-81	3	-9	1	4	1	4	1
1140218	PPM	-3796	1081	1468	259	604	81	1815	67	47809	455	565	16	14	2	29	4	145	6	7673	37	4	0	-65	3	-5	2	11	1	2	1
1140219	PPM	-6038	1039	1099	255	641	87	3477	92	43622	434	722	18	28	2	44	4	172	6	8958	44	5	0	-23	4	3	2	13	1	3	1
1140220	PPM	-5582	956	1529	237	521	70	862	46	47494	415	317	11	16	2	36	3	196	6	7016	34	4	0	-77	3	-1	2	73	2	5	1
1140221	PPM	-3989	1098	1285	265	733	90	3672	95	44856	446	815	20	28	3	59	5	177	7	9238	46	5	0	0	4	5	2	13	1	3	1
1140222	PPM	-7816	966	1175	252	568	85	2412	80	39644	406	780	19	25	2	32	4	154	6	5946	34	4	0	-23	4	1	2	10	1	3	1
1140223	PPM	-7926	906	1148	235	868	85	3233	84	40194	385	756	18	26	2	36	4	131	6	5118	30	3	0	-4	4	2	2	8	1	2	1
1140224	PPM	-4130	1040	1097	245	666	84	3488	90	42563	417	612	16	23	2	37	4	152	6	6394	35	4	0	-9	4	2	2	11	1	1	1
1140225	PPM	-6496	988	1198	252	585	84	3156	87	40361	402	777	19	25	2	51	4	126	6	8565	43	4	0	-16	4	2	2	10	1	2	1
1140226	PPM	-6158	1072	1238	272	680	92	3120	90	43587	443	861	21	40	3	69	5	200	7	12009	55	7	0	-19	4	23	2	45	1	4	1
1140227	PPM	-6275	1032	1031	255	663	89	3025	87	42101	425	785	20	34	3	75	5	175	7	9995	48	6	0	-9	4	26	2	43	1	2	1
1140228	PPM	-5378	1015	1549	266	739	90	2710	84	38859	399	840	20	27	3	38	4	117	6	6437	36	4	0	-23	4	1	2	6	1	2	1
1140229	PPM	-5013	1201	1199	302	582	102	3278	100	43606	478	1323	29	41	3	50	5	162	7	17830	80	10	0	-42	5	13	2	16	1	5	1
1140230	PPM	-5036	1145	1438	296	773	101	2470	84	42908	451	1245	27	40	3	49	5	562	11	18146	78	11	0	-49	5	21	2	51	2	2	1
1140231	PPM	-5210	1088	1526	282	517	89	3675	98	41897	433	1120	24	29	3	57	5	154	7	11934	56	7	0	-21	5	3	2	12	1	4	1
1140232	PPM	-4252	1057	1153	254	742	89	2964	85	42561	420	889	20	27	3	40	4	146	6	9067	45	6	0	-18	4	6	2	13	1	2	1
1140233	PPM	-5898	1003	871	239	597	83	3671	93	41684	412	888	20	29	2	41	4	159	6	7060	38	4	0	3	4	2	2	12	1	2	1
1140234	PPM	-4755	688	1053	173	479	55	415	30	27631	233	132	7	8	1	18	3	62	4	3309	20	1	0	-77	3	-11	1	19	1	4	1
1140235	PPM	-5029	971	1311	242	839	86	2963	83	39133	383	943	20	25	2	35	4	105	5	4167	26	2	0	-18	4	2	2	7	1	3	1
1140236	PPM	-6251	945	834	227	672	83	3173	86	38179	379	764	18	27	2	34	4	126	6	4654	29	3	0	-7	4	6	2	9	1	2	1
1140237	PPM	-7060	967	917	235	696	83	2722	80	42352	411	613	16	22	2	45	4	135	6	6465	35	3	0	-5	4	3	2	14	1	1	1
1140238	PPM	-5195	1017	1766	259	513	74	424	39	49608	439	121	10	1	2	16	3	165	6	14237	58	7	0	-106	3	-8	1	15	1	4	1
1140239	PPM	-5844	1027	1440	266	621	87	3523	93	41472	415	1022	22	31	3	44	4	136	6	9363	46	6	0	-18	4	4	2	11	1	3	1
1140240	PPM	-5118	1078	888	255	661	90	3177	90	43226	438	891	21	30	3	46	4	167	7	10542	51	6	0	-15	4	6	2	15	1	3	1
1140241	PPM	-5740	1074	1398	276	646	91	3658	96	42887	435	863	21	26	3	54	5	200	7	13228	60	8	0	-20	5	8	2	19	1	3	1
1140242	PPM	-4291	1139	1270	281	607	94	3465	97	43656	454	1017	23	32	3	51	5	157	7	13008	60	8	0	-26	4	8	2	16	1	3	1
1140243	PPM	-3622	1121	1035	262	565	88	3572	96	44221	447	807	20	32	3	50	5	201	7	10928	52	6	0	-20	4	12	2	17	1	2	1
1140244	PPM	-6227	1020	1303	260	642	85	1968	69	43981	422	656	18	20	2	39	4	654	11	13395	56	5	0	-50	4	2	2	27	1	2	1
1140245	PPM	-6038	1009	1053	249	595	84	2635	80	41676	412	586	17	24	2	35	4	205	7	9419	44	5	0	-51	4	0	2	50	1	3	1
1140246	PPM	-4273	976	1330	232	570	71	597	42	45986	408	203	10	11	2	29	3	141	5	7580	37	4	0	-83	3	14	2	28	1	4	1
1140247	PPM	-5565	1065	1973	293	729	94	2782	87	40417	423	738	20	31	3	53	5	163	7	9319	47	5	0	-34	4	25	2	77	2	3	1
1140248	PPM	-7212	1024	1349	265	579	86	3501	94	43567	438	872	20	22	2	38	4	166	6	8356	43	6	0	-19	4	8	2	11	1	4	1
1140249	PPM	-6056	1056	1418	272	652	90	3623	95	43252	435	1036	23	37	3	54	5	155	6	11105	53	7	0	-18	4	2	2	13	1	2	1
1140250	PPM	-6635	1065	1657	283	680	91	3326	91	45297	450	935	22	28	3	49	5	183	7	13467	61	8	0	-27	4	11	2	22	1	4	1
1140251	PPM	-6469	1119	1785	301	743	97	3413	94	46760	473	1198	25	34	3	69	5	509	10	18353	79	11	0	-17	5	23	2	36	1	3	1
1140252	PPM	-6176	990	1052	242	713	86	3380	89	41693	411	909	20	30	2	36	4	118	6	5337	31	3	0	-21	4	0	2	8	1	3	1
1140253	PPM	-6133	1043	1036	258	670	90	3418	93	42135	427	952	22	36	3	39	4	154	6	10427	51	7	0	-17	4	7	2	11	1	2	1
1140254	PPM	-6687	1095	1297	277	726	94	3731	98	46581	472	855	21	32	3	49	5	181	7	12234	57	7	0	-20	4	7	2	18	1	3	1
1140255	PPM	-4819	1119	1566	280	873	96	3061	90	46128	470	519	16	23	2	41	4	154	6	8430	43	4	0	-9	4	5	2	14	1	3	1
1140256	PPM	-5704	1109	1208	275	699	94	2688	86	44864	462	844	21	28	3	44	5	250	8	11876	56	6	0	-18	5	11	2	16	1	3	1
1140257	PPM	-5423	971	1201	236	553	77	2511	76	41263	398	640	16	20	2	28	4	99	5	2915	21	2	0	-16	4	1	2	4	1	1	1
1140258	PPM	-3969	1055	1113	248	771	87	3464	91	43002	424	638	17	24	2	32	4	126	6	5790	33	3	0	-4	4	3	2	11	1	1	1
1140259	PPM	-7296	1032	1592	280	648	91	3712	98	42029	431	973	22	31	3	37	4	197	7	10837	52	7	0	-23	4	12	2	14	1	2	1
1140260	PPM	-5961	1106	1078	275	664	96	3277	97	42465	452	951	23	32	3	40	5	206	7	10985	54	7	0	-23	5	12	2	18	1	3	1
1140261	PPM	-6085	1079	840	253	674	88	1518	66	47272	467	521	16	20	2	42	4	140	6	11390	53	7	0	-27	4	8	2	13	1	3	1
1140262	PPM	-8062	1027	1755	287	569	91	4012	103	42416	439	1205	25	36	3	45	5	168	7	9654	48	6	0	-19	4	8	2	16	1	3	1
1140263	PPM	-6601	1076	1131	275	627	95	3139	94	41487	440	1172	25	36	3	47	5	178	7	11962	57	8	0	-31	5	12	2	18	1	6	1
1140264	PPM	-5271	1035	1324	261	641	87	3717	95	41425	413	1025	22	39	3	44	4	161	6	10117	49	6	0	-19	4	12	2	13	1	1	1
1140265	PPM	-4947	1045	1084	251	791	89	2606	79	43610	426	720	18	23	2	48	4	149	6	10574	50	7	0	-32	4	4	2	12	1	3	1
1140266	PPM	-5918	1096	1269	280	546	93	3349	96	42040	443	1103	25	27	3	50	5	159	7	12406	59	8	0	-30	5	4	2	15	1	3	1
1140267	PPM	-7576	1007	1195	259	475	83	3363	90	43478	431	989	22	26	3	44	4	162	6	10465	50	7	0	-23	4	10	2	14	1	2	1
1140268	PPM	-3711	1221	1410	307	490	98	3099	95	44635	477	1241	28	38	3	55	5	236	8	21654	93	12	1	-43	5	11	2	27	1	4	1
1140269	PPM	-6364	1166	781	287	635	102	3470	102	44113	477	1315	28	40	3	70	6	180	8	19166	84	11	0	-55	5	8	2	24	1	5	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140270	PPM	-5591	1106	1540	290	596	94	3048	91	42888	444	1192	26	32	3	47	5	161	7	15252	68	9	0	-32	5	8	2	20	1	2	1
1140271	PPM	-6514	1017	1396	263	625	86	3614	93	42852	423	1055	22	34	3	55	4	171	6	9623	47	6	0	-12	4	6	2	16	1	1	1
1140272	PPM	-6901	1070	1096	270	502	89	2746	88	42678	449	622	18	27	3	50	5	185	7	9187	47	4	0	-3	5	12	2	13	1	3	1
1140273	PPM	-6183	1063	1376	268	593	86	2884	86	45420	454	690	18	23	2	54	4	158	6	8162	42	6	0	-19	4	8	2	15	1	3	1
1140274	PPM	-5445	1085	802	258	594	91	3147	91	42929	440	1008	23	29	3	57	5	166	7	12101	57	7	0	-20	5	5	2	18	1	1	1
1140275	PPM	-4337	1147	1733	295	568	92	3294	94	45002	465	802	21	29	3	50	5	205	7	12436	59	7	0	-15	5	6	2	18	1	1	1
1140276	PPM	-5981	1082	1788	289	470	87	3526	98	42785	446	753	20	26	3	42	4	171	7	8615	45	5	0	-4	5	7	2	16	1	2	1
1140277	PPM	-6385	1148	649	270	577	98	3216	100	43429	480	614	19	28	3	47	5	272	8	10007	53	5	0	-15	5	6	2	17	1	3	1
1140278	PPM	-5029	1121	1236	273	675	92	2897	88	45753	469	693	19	33	3	63	5	199	7	9529	47	6	0	-14	4	9	2	18	1	2	1
1140279	PPM	-4861	1137	1373	283	665	95	3269	96	43813	464	803	21	26	3	48	5	163	7	9530	49	6	0	-18	5	19	2	36	1	3	1
1140280	PPM	-6045	1063	1362	275	438	87	2633	86	40558	428	715	19	33	3	58	5	184	7	10122	51	6	0	-63	4	35	2	49	2	5	1
1140301	PPM	-5365	1063	1574	275	807	94	3019	88	42575	431	1004	22	29	3	46	4	155	6	9821	48	7	0	-27	4	7	2	14	1	3	1
1140302	PPM	-4986	1031	1471	262	513	83	2735	83	41031	412	1037	22	26	3	33	4	128	6	6330	35	4	0	-24	4	2	2	10	1	3	1
1140303	PPM	-5353	1056	1832	282	580	88	3567	95	41965	425	1150	24	34	3	43	4	141	6	9006	45	5	0	-30	4	5	2	10	1	3	1
1140304	PPM	-5493	1021	1673	266	684	86	3010	86	41847	418	633	17	22	2	30	4	117	6	5287	31	3	0	-13	4	4	2	9	1	2	1
1140305	PPM	-4577	1123	1511	286	759	98	3519	99	42222	446	1018	23	29	3	47	5	157	7	9916	50	6	0	-30	4	0	2	12	1	2	1
1140306	PPM	-6106	1048	1410	269	646	90	2704	85	42311	434	1092	23	29	3	51	4	142	6	7684	41	5	0	-32	4	1	2	13	1	2	1
1140307	PPM	-4891	1011	1388	255	726	87	2903	83	40745	400	1211	24	31	3	46	4	144	6	7736	40	5	0	-30	4	8	2	13	1	2	1
1140308	PPM	-4275	1013	1427	251	553	81	3167	87	40167	398	818	19	29	2	33	4	134	6	4208	27	3	0	-27	4	-1	2	9	1	3	1
1140309	PPM	-5364	1045	1316	263	620	88	3217	92	40687	419	849	20	24	2	42	4	147	6	6803	38	5	0	-26	4	4	2	15	1	3	1
1140310	PPM	-5143	1081	1067	264	588	89	3750	97	43185	436	1064	23	36	3	42	4	222	7	12429	58	7	0	-28	4	3	2	14	1	3	1
1140311	PPM	-4523	1039	1608	270	675	90	3440	95	37862	397	996	22	28	3	42	4	145	6	5750	34	3	0	-21	4	5	2	13	1	3	1
1140312	PPM	-5817	1021	890	246	554	84	3298	89	41613	414	689	18	30	3	43	4	255	7	10150	49	4	0	-2	4	6	2	17	1	1	1
1140313	PPM	-4624	1146	941	276	668	97	3108	93	42979	453	1085	25	32	3	52	5	170	7	15532	70	9	0	-41	5	9	2	27	1	3	1
1140314	PPM	-5812	1106	1119	274	632	94	3359	95	43950	455	1352	27	37	3	56	5	197	7	12443	59	7	0	-16	5	4	2	23	1	3	1
1140315	PPM	-6503	1113	1501	296	587	96	3379	98	42824	455	1161	26	36	3	64	5	177	7	14734	67	8	0	-27	5	5	2	20	1	3	1
1140316	PPM	-5797	979	1437	251	438	78	2932	84	39719	396	896	20	32	2	33	4	126	6	3872	25	2	0	-20	4	3	2	9	1	3	1
1140317	PPM	-4009	1061	1327	258	679	87	3608	93	42824	423	961	21	29	3	49	4	167	6	7539	39	4	0	-14	4	4	2	14	1	1	1
1140318	PPM	-5658	1090	1291	276	683	93	3899	99	44095	445	1091	24	40	3	61	5	214	7	14636	65	9	0	-22	5	10	2	23	1	4	1
1140319	PPM	-4946	1040	1369	262	554	85	3745	96	41149	413	1156	24	37	3	42	4	141	6	8376	43	5	0	-15	4	2	2	13	1	3	1
1140320	PPM	-6078	1052	1391	273	602	90	3216	92	41339	425	983	22	34	3	36	4	151	6	11111	53	7	0	-15	5	7	2	22	1	3	1
1140321	PPM	-4547	1054	949	248	631	86	3181	88	42526	422	930	21	28	3	42	4	145	6	8957	44	5	0	-19	4	5	2	14	1	3	1
1140322	PPM	-6442	1094	1334	278	721	94	3665	98	45333	464	877	21	28	3	59	5	252	8	11492	54	7	0	-19	4	9	2	21	1	2	1
1140323	PPM	-4457	1085	1487	256	648	79	412	42	53975	491	135	9	7	2	23	3	264	7	7532	40	3	0	-70	4	29	2	26	1	2	1
1140324	PPM	-5041	1231	1763	305	446	89	3532	98	55711	564	784	20	29	3	43	5	269	8	10362	52	7	0	3	5	10	2	19	1	1	1
1140325	PPM	-5935	1002	1328	255	573	83	3271	89	40926	408	760	19	26	2	36	4	147	6	6529	36	4	0	-3	4	6	2	12	1	1	1
1140326	PPM	-4576	1151	1523	297	733	101	3380	100	41601	451	988	24	31	3	49	5	339	9	12353	60	8	0	-28	5	17	2	26	1	3	1
1140327	PPM	-7155	1013	1507	270	617	87	3033	87	42371	426	949	21	29	3	43	4	178	7	9049	45	7	0	-9	4	10	2	17	1	2	1
1140328	PPM	-5315	1057	1324	265	552	87	3408	93	42201	428	1013	22	28	3	51	4	248	7	8676	44	5	0	-18	4	6	2	17	1	2	1
1140329	PPM	-5458	1150	1215	293	567	98	2902	91	43314	457	1635	31	45	4	53	5	257	8	20084	85	13	0	-54	5	23	2	57	2	7	1
1140330	PPM	-5481	1091	1413	281	577	91	3266	93	42620	438	787	20	31	3	50	5	201	7	13935	63	8	0	-14	5	17	2	20	1	4	1
1140331	PPM	-6126	1048	1453	273	662	90	3998	101	42198	429	831	20	29	3	54	5	205	7	9793	48	6	0	-21	4	5	2	18	1	2	1
1140332	PPM	-2229	1082	1298	242	693	77	315	38	52921	468	88	8	4	1	18	3	130	5	8085	39	4	0	-81	3	3	2	3	1	3	1
1140333	PPM	-3354	1090	1486	267	762	90	3502	93	43242	431	972	21	29	3	53	4	176	6	8068	41	5	0	-13	4	8	2	15	1	2	1
1140334	PPM	-6230	1120	1669	295	663	95	3724	100	46185	475	931	22	31	3	48	5	277	8	12766	60	8	0	-15	5	20	2	29	1	5	1
1140335	PPM	-5145	1099	1272	278	652	94	3467	95	42274	435	1028	23	27	3	46	5	184	7	15181	68	9	0	-33	5	7	2	13	1	3	1
1140336	PPM	-6351	1039	1737	278	690	89	3345	91	43536	433	997	22	29	3	56	5	216	7	10620	51	7	0	-29	4	2	2	19	1	5	1
1140337	PPM	-4027	1123	1248	274	590	90	3720	97	44250	447	983	23	26	3	55	5	190	7	13952	63	8	0	-16	5	14	2	23	1	3	1
1140338	PPM	-6472	1039	1105	258	601	87	3303	90	44118	437	1033	22	35	3	45	4	166	6	10770	51	7	0	-6	5	11	2	13	1	3	1
1140339	PPM	-6254	1021	1411	266	551	85	2455	79	41278	415	801	20	27	3	50	4	199	7	10625	49	6	0	-37	4	5	2	29	1	6	1
1140340	PPM	-5693	1104	602	252	781	96	3406	96	44899	463	829	21	30	3	46	5	185	7	10155	50	7	0	-10	5	10	2	18	1	3	1
1140341	PPM	-7583	1150	1691	311	686	101	3604	100	48178	501	1260	27	31	3	55	5	198	7	19515	83	12	0	-34	5	48	2	20	1	5	1
1140342	PPM	-5679	993	951	223	432	67	303	36	53552	459	92	7	4	1	19	3	82	5	6150	31	2	0	-70	3	5	2	8	1	1	0
1140343	PPM	-4313	1266	1432	328	759	110	2742	92	45734	495	1110	27	29	3	47	5	220	8	32280	126	18	1	-91	5	12	2	20	1	6	1
1140344	PPM	-5692	997	1204	250	637	84	2685	79	41105	401	983	21	30	3	39	4	182	6	9775	45	6	0	-49	4	15	2	19	1	4	1
1140345	PPM	-7884	975	707	240	606	88	3002	88	40018	409	1190	24	33	3	39	4	154	6	8543	43	5	0	-36	4	3	2	16	1	4	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140346	PPM	-5547	1129	1686	300	474	92	3132	92	44310	457	1301	27	37	3	57	5	285	8	17713	76	11	0	-37	5	13	2	25	1	6	1
1140347	PPM	-5572	1036	1051	256	541	87	2993	88	40307	411	1203	25	37	3	52	5	165	7	9927	49	6	0	-19	4	10	2	15	1	4	1
1140348	PPM	-3412	1074	1092	250	774	88	3065	85	43918	428	847	20	27	2	52	4	167	6	8302	42	6	0	-14	4	4	2	13	1	2	1
1140349	PPM	-5798	1089	1231	275	553	91	3614	100	41996	442	993	23	39	3	44	5	196	7	10965	53	7	0	-27	4	10	2	17	1	3	1
1140350	PPM	-6387	1056	1635	278	614	88	3609	95	44637	446	833	20	32	3	50	4	560	10	9715	47	5	0	-25	4	25	2	17	1	3	1
1140351	PPM	-5991	1081	1274	272	653	91	3210	89	45648	453	1065	23	35	3	48	5	309	8	13514	59	8	0	12	5	85	3	39	1	5	1
1140352	PPM	-7173	1002	1822	276	741	89	2831	83	42624	422	1025	22	33	3	42	4	139	6	9367	46	7	0	-28	4	6	2	10	1	2	1
1140353	PPM	-4912	1135	1446	283	521	89	3472	96	46543	474	814	21	30	3	48	5	217	7	12200	58	7	0	-12	5	19	2	22	1	5	1
1140354	PPM	-5679	1110	1349	282	490	90	3562	97	44476	456	1034	23	34	3	58	5	182	7	13931	63	9	0	-18	5	9	2	17	1	4	1
1140355	PPM	-1684	1268	1558	303	862	105	3553	103	46776	505	839	22	28	3	56	5	191	7	10990	55	7	0	-23	5	8	2	20	1	3	1
1140356	PPM	-6199	1062	1176	268	599	90	3077	89	42929	437	1065	23	36	3	50	5	169	7	11956	56	8	0	-29	4	9	2	18	1	3	1
1140357	PPM	-2656	942	1483	216	453	60	483	35	49302	400	108	6	4	1	8	3	134	5	2357	16	1	0	-76	3	-5	1	9	1	3	0
1140358	PPM	-5084	1155	1104	282	684	98	3765	104	44036	471	933	23	33	3	57	5	185	7	12956	62	8	0	-14	5	12	2	19	1	3	1
1140359	PPM	-5903	1070	1288	273	552	90	3368	95	41442	432	996	23	34	3	49	5	153	7	11006	53	7	0	-23	4	13	2	14	1	4	1
1140360	PPM	-5454	1074	1044	258	529	86	3113	89	44293	446	809	20	28	3	42	4	179	7	8670	44	5	0	-15	4	15	2	18	1	2	1
1140361	PPM	-6936	1055	1258	270	369	83	3993	101	44171	448	937	22	37	3	45	4	199	7	10617	52	7	0	-19	4	7	2	16	1	3	1
1140362	PPM	-6327	1050	1547	276	608	88	3446	92	43745	436	833	20	29	3	45	4	201	7	11891	55	7	0	-16	4	14	2	17	1	3	1
1140363	PPM	-6486	1059	1142	270	532	89	2723	85	42249	432	1121	24	38	3	51	5	167	7	14223	64	9	0	-27	5	21	2	19	1	3	1
1140364	PPM	-4936	1096	1584	282	455	86	3004	89	42745	440	780	20	27	3	53	5	226	7	10438	51	6	0	-22	4	12	2	18	1	2	1
1140365	PPM	-3805	1096	1458	272	732	92	3242	90	43364	433	1493	28	47	3	44	4	199	7	11198	52	7	0	-23	4	11	2	23	1	4	1
1140366	PPM	-5674	1031	1249	260	634	88	3241	89	41466	416	1021	22	31	3	43	4	147	6	9567	47	6	0	-22	4	6	2	14	1	3	1
1140367	PPM	-5981	1104	1005	268	576	91	4230	105	45704	465	959	22	29	3	65	5	249	8	12148	58	8	0	2	5	11	2	20	1	1	1
1140368	PPM	-5094	1077	1221	272	558	90	2407	81	40528	420	936	22	26	3	48	5	189	7	13296	60	8	0	-41	4	15	2	32	1	5	1
1140369	PPM	-6495	1002	1520	263	725	88	3653	93	42156	415	928	21	30	3	46	4	169	6	8934	44	6	0	-14	4	9	2	14	1	2	1
1140370	PPM	-6964	1040	1359	271	750	92	3675	95	43831	438	815	20	34	3	49	5	508	10	11870	56	6	0	-13	5	11	2	16	1	2	1
1140371	PPM	-7641	1061	1207	258	479	76	311	38	58373	511	100	10	5	2	19	4	3386	32	15417	60	5	0	-88	3	-4	1	26	1	10	1
1140372	PPM	-3994	1096	1479	272	629	88	3482	92	44369	440	858	20	35	3	54	5	302	8	10839	51	7	0	-12	4	9	2	18	1	1	1
1140373	PPM	-6081	1041	1373	268	521	86	3087	90	41366	424	923	21	34	3	50	5	155	6	8818	45	5	0	-19	4	2	2	12	1	3	1
1140374	PPM	-4868	1065	1588	272	689	89	3610	93	43701	432	1001	22	31	3	46	4	166	6	10157	49	6	0	-9	4	7	2	16	1	3	1
1140375	PPM	-5391	926	977	207	466	62	324	33	50625	418	82	6	6	1	12	3	74	4	2681	18	1	0	-56	3	48	2	2	1	3	0
1140376	PPM	-5569	844	1068	202	436	61	366	34	39796	343	114	7	6	1	14	3	109	5	3431	22	1	0	-80	3	-5	2	22	1	4	1
1140377	PPM	-6117	1051	1447	272	572	88	3505	94	42565	432	802	20	30	3	55	5	207	7	10297	50	6	0	-17	4	12	2	15	1	3	1
1140378	PPM	-4698	1087	1257	268	653	90	3653	96	43267	436	812	20	35	3	44	4	247	7	12251	57	7	0	-6	5	19	2	23	1	4	1
1140379	PPM	-4817	1019	1798	243	543	68	342	36	57193	482	103	6	8	1	20	3	83	4	1970	16	0	0	-73	3	-13	1	14	1	3	1
1140380	PPM	-6400	1102	1128	278	670	95	2782	87	44597	457	999	23	24	3	57	5	197	7	16529	72	10	0	-43	5	12	2	22	1	3	1
1140381	PPM	-6302	1080	1496	285	557	91	3710	98	43010	441	1175	25	39	3	54	5	216	7	14349	66	8	0	5	5	9	2	42	1	4	1
1140382	PPM	-3638	1161	953	274	644	95	3761	99	45319	461	1341	27	41	3	44	5	201	7	17119	75	11	0	-32	5	13	2	22	1	5	1
1140383	PPM	-5072	1014	1021	240	608	79	2294	71	45294	422	560	16	20	2	36	4	545	10	9272	42	5	0	-63	3	-5	2	29	1	3	1
1140384	PPM	-4807	976	1801	242	495	67	370	36	49733	429	106	7	7	1	28	3	355	7	4441	27	1	0	-73	3	-3	2	28	1	3	1
1140385	PPM	-5863	933	1263	223	500	66	459	37	49307	415	165	8	7	1	16	3	376	7	6687	33	3	0	-77	3	-7	1	21	1	5	1
1140401	PPM	-5031	1040	1408	261	551	83	3262	91	41516	420	424	14	20	2	39	4	156	6	6349	36	4	0	-10	4	3	2	11	1	1	1
1140402	PPM	-5518	1016	1621	262	591	82	3283	88	42580	418	388	13	22	2	35	4	184	6	6905	37	4	0	-9	4	5	2	12	1	2	1
1140403	PPM	-6138	1011	1222	254	673	86	3191	88	41845	417	671	18	24	2	40	4	137	6	7082	37	4	0	-24	4	0	2	11	1	1	1
1140404	PPM	-4304	1120	1272	272	652	91	3631	96	45302	457	907	21	31	3	51	5	196	7	11201	54	7	0	-16	5	7	2	17	1	3	1
1140405	PPM	-6858	1078	958	267	735	95	4294	105	44774	456	1185	25	31	3	52	5	210	7	13273	61	8	0	-21	5	17	2	26	1	4	1
1140406	PPM	-4361	982	1642	252	677	82	3008	83	39311	382	966	20	29	2	27	4	117	5	4375	27	3	0	-12	4	4	2	10	1	1	1
1140407	PPM	-5075	1018	1671	262	761	85	2736	80	43089	416	501	15	27	2	30	4	136	6	7444	39	5	0	-9	4	3	2	18	1	2	1
1140408	PPM	-4352	1098	952	260	530	88	3704	97	43100	437	982	22	30	3	48	5	173	7	12054	57	7	0	-14	5	8	2	17	1	2	1
1140409	PPM	-4932	1062	1594	275	501	85	3542	93	42207	423	1046	23	31	3	47	4	167	6	11281	53	7	0	-11	4	4	2	20	1	3	1
1140410	PPM	-3674	1027	1206	245	722	85	3522	89	41778	403	1135	22	32	3	35	4	150	6	7712	40	5	0	-7	4	5	2	13	1	2	1
1140411	PPM	-4573	1116	1417	281	818	97	3965	101	44036	448	1183	25	35	3	55	5	191	7	14200	64	8	0	-22	5	3	2	15	1	2	1
1140412	PPM	-5575	1047	1567	272	661	89	3543	93	42511	425	1160	24	33	3	40	4	150	6	10082	49	6	0	-17	4	3	2	14	1	2	1
1140413	PPM	-6952	998	1350	260	531	84	3424	91	41608	416	902	21	32	3	41	4	150	6	8106	42	5	0	-15	4	4	2	11	1	3	1
1140414	PPM	-5837	1061	1104	263	638	89	3533	95	42807	434	736	19	27	3	45	4	188	7	11648	55	7	0	-2	5	6	2	14	1	3	1
1140415	PPM	-6389	1006	1523	263	668	86	3495	91	42333	418	967	21	32	3	41	4	173	6	7580	40	4	0	-2	4	7	2	14	1	3	1
1140416	PPM	-5679	1011	1803	270	644	85	3338	88	42084	412	914	20	38	3	28	4	152	6	7919	41	6	0	-19	4	4	2	13	1	2	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140417	PPM	-4761	1039	1547	264	564	84	3783	95	41879	417	995	21	30	3	35	4	154	6	6969	38	5	0	-7	4	5	2	16	1	2	1
1140418	PPM	-5728	1119	1739	300	776	99	3762	100	43940	453	1281	27	42	3	51	5	180	7	16639	73	10	0	-27	5	12	2	26	1	3	1
1140419	PPM	-7338	1035	1325	272	591	89	3263	91	42906	434	907	21	33	3	54	5	213	7	13684	63	9	0	-10	5	14	2	22	1	2	1
1140420	PPM	-5663	1089	1258	272	748	93	3185	90	45121	453	940	22	30	3	53	5	178	7	12215	57	7	0	-20	4	3	2	23	1	3	1
1140421	PPM	-5679	1130	1522	298	536	95	3952	103	43574	452	1252	27	33	3	47	5	203	7	19656	83	11	0	-31	5	8	2	21	1	2	1
1140422	PPM	-5239	1079	1555	279	628	91	3376	93	42988	436	1310	26	39	3	48	5	160	7	10774	52	7	0	-33	4	7	2	16	1	2	1
1140423	PPM	-6018	1102	1213	281	582	93	3497	97	43119	447	1063	24	32	3	52	5	198	7	15970	71	10	0	-32	5	7	2	22	1	3	1
1140424	PPM	-6532	1125	1391	294	482	93	2570	85	45117	466	1133	25	34	3	63	5	201	7	19089	82	9	0	-26	5	19	2	18	1	4	1
1140425	PPM	-5209	744	1129	183	602	59	422	31	34784	283	106	6	6	1	15	3	57	4	2561	17	1	0	-75	3	-12	1	14	1	6	1
1140426	PPM	-6255	805	1016	201	499	65	1068	47	35420	314	305	10	12	2	23	3	82	4	4734	26	2	0	-73	3	-6	1	6	1	5	1
1140427	PPM	-5636	795	1337	204	410	59	602	36	36751	308	214	9	10	1	17	3	51	4	7012	32	4	0	-79	3	3	1	8	1	4	1
1140428	PPM	-4929	1100	1169	267	589	89	4024	102	44346	450	890	21	34	3	42	4	194	7	10239	50	6	0	-11	4	7	2	15	1	2	1
1140429	PPM	-5320	893	1111	226	452	72	1249	55	34204	331	554	15	17	2	27	4	109	5	6975	35	4	0	-49	4	4	2	9	1	4	1
1140430	PPM	-5280	1140	1676	294	671	94	3713	98	47187	479	967	23	36	3	57	5	213	7	13742	62	8	0	-10	5	17	2	24	1	3	1
1140431	PPM	-5912	1056	1373	266	638	87	3171	89	44511	444	712	18	28	2	39	4	164	6	8811	44	6	0	-15	4	6	2	15	1	2	1
1140432	PPM	-7930	1002	1558	274	587	87	3071	86	42777	424	1095	23	33	3	52	5	172	7	13160	58	8	0	-31	4	26	2	27	1	4	1
1140433	PPM	-3791	1120	1122	266	711	92	3965	101	44358	449	793	20	32	3	51	5	185	7	10462	50	6	0	-10	4	5	2	15	1	3	1
1140434	PPM	-6523	723	1047	187	561	61	1035	43	31698	271	317	10	10	1	22	3	87	4	5130	26	3	0	-67	3	-4	1	13	1	10	1
1140435	PPM	-4016	1086	1303	267	767	92	3079	87	42920	429	842	20	28	3	56	5	154	6	11357	52	6	0	-20	4	13	2	14	1	1	1
1140436	PPM	-5075	1058	1430	269	623	89	3650	95	41884	422	1069	23	33	3	41	4	181	7	10632	51	6	0	-16	4	9	2	13	1	3	1
1140437	PPM	-3448	1107	1166	264	577	89	3768	98	42576	432	1119	24	31	3	38	4	183	7	10416	50	7	0	-20	4	4	2	18	1	3	1
1140438	PPM	-5231	1101	1638	286	602	91	3413	94	44046	447	1179	25	38	3	54	5	233	7	13560	61	8	0	-10	5	11	2	25	1	3	1
1140439	PPM	-5273	1025	1073	251	683	88	3756	95	40710	407	1115	23	38	3	42	4	147	6	9200	45	6	0	-20	4	5	2	13	1	3	1
1140440	PPM	-5910	1094	1619	286	754	95	3807	99	44758	456	848	21	32	3	47	5	208	7	11868	56	6	0	-11	5	6	2	16	1	3	1
1140441	PPM	-5427	1070	1350	268	616	88	3900	98	44426	442	888	21	32	3	49	4	277	8	11571	54	6	0	-7	5	8	2	15	1	3	1
1140442	PPM	-4751	1124	814	259	554	89	3933	102	45526	465	854	21	28	3	41	4	209	7	10654	52	6	0	-8	5	9	2	16	1	2	1
1140443	PPM	-5793	1058	1372	266	655	88	3549	94	44447	443	738	19	28	2	47	4	191	7	9211	46	6	0	-5	5	7	2	13	1	2	1
1140444	PPM	-5582	1048	998	254	705	90	3601	95	42547	427	1016	22	35	3	47	4	148	6	9396	47	6	0	-17	4	3	2	15	1	2	1
1140445	PPM	-4989	1061	1143	260	626	89	3512	95	41414	423	1132	24	32	3	46	4	138	6	8657	44	6	0	-23	4	5	2	8	1	2	1
1140446	PPM	-4907	1263	1263	317	704	107	3296	100	48337	520	1263	28	31	3	66	6	247	8	26146	108	14	1	-43	5	21	2	34	1	6	1
1140447	PPM	-6092	1132	1446	294	462	92	3688	100	45112	469	1081	25	37	3	63	5	267	8	16527	73	10	0	-8	5	21	2	35	1	3	1
1140448	PPM	-5444	1039	1376	266	526	85	2547	81	40670	412	759	19	24	2	37	4	171	7	10693	51	6	0	-13	4	6	2	15	1	1	1
1140449	PPM	-4816	1115	1348	280	695	94	3520	95	44053	448	1048	23	31	3	58	5	262	8	14963	67	9	0	-9	5	18	2	26	1	3	1
1140450	PPM	-6961	1065	1121	269	586	90	3942	101	44021	450	879	21	27	3	55	5	217	7	11575	55	7	0	-17	5	7	2	18	1	2	1
1140451	PPM	-6135	1011	1401	260	697	86	3119	86	42472	416	683	18	22	2	47	4	178	6	9808	47	6	0	-10	4	10	2	16	1	3	1
1140452	PPM	-7016	977	1327	255	793	88	3374	89	41233	406	781	19	25	2	39	4	160	6	8427	42	4	0	-10	4	7	2	11	1	1	1
1140453	PPM	-6150	1040	1274	263	643	88	3303	90	43542	433	994	22	34	3	50	4	168	6	9836	48	7	0	-15	4	10	2	14	1	2	1
1140454	PPM	-2710	1180	1844	301	671	94	3259	92	45861	464	973	23	31	3	59	5	209	7	17758	76	11	0	-24	5	14	2	29	1	4	1
1140455	PPM	-6829	1115	1034	281	801	100	3015	90	46088	470	1254	26	31	3	55	5	197	7	19080	81	12	0	-38	5	9	2	35	1	3	1
1140456	PPM	-3159	1011	980	231	640	81	3320	87	39671	387	808	18	26	2	34	4	132	6	4263	27	3	0	-5	4	2	2	7	1	3	1
1140457	PPM	-3529	1033	1593	259	570	82	3920	96	39954	397	958	21	32	3	30	4	135	6	5186	31	4	0	-14	4	5	2	10	1	1	1
1140458	PPM	-6115	963	1500	248	612	80	3293	87	41046	398	879	19	26	2	36	4	126	6	3336	23	2	0	-15	4	4	2	7	1	1	1
1140459	PPM	-5592	1069	1425	274	520	86	3671	96	43264	434	791	20	32	3	41	4	211	7	13016	60	7	0	-19	5	5	2	17	1	3	1
1140460	PPM	-6216	974	1470	254	719	85	3489	89	40824	398	794	19	31	2	35	4	137	6	6658	36	4	0	-10	4	5	2	9	1	1	1
1140461	PPM	-5369	1034	1855	278	683	88	3476	91	41531	413	934	21	35	3	34	4	183	7	10476	50	7	0	-14	4	9	2	19	1	2	1
1140462	PPM	-4242	1025	1503	258	650	84	2829	81	41420	403	877	20	27	2	40	4	180	6	8724	44	5	0	-12	4	6	2	16	1	2	1
1140463	PPM	-5558	1063	1622	280	796	94	2611	82	42170	428	1141	24	32	3	58	5	189	7	11747	54	7	0	-36	4	19	2	20	1	3	1
1140464	PPM	-4917	1138	1457	291	679	96	3313	94	44629	459	1129	25	34	3	53	5	172	7	16616	72	9	0	-23	5	4	2	15	1	3	1
1140465	PPM	-4045	1187	1731	305	814	101	3614	99	46291	480	1057	24	39	3	71	5	227	8	17024	74	11	0	-35	5	13	2	23	1	4	1
1140466	PPM	-5689	1037	1632	272	730	89	3136	87	42499	423	714	18	23	2	42	4	164	6	10314	50	6	0	-14	4	5	2	14	1	4	1
1140467	PPM	-4376	1132	952	271	781	98	3400	95	43578	449	1160	25	31	3	52	5	162	7	15308	67	9	0	-47	4	5	2	15	1	3	1
1140468	PPM	-4656	1089	1272	271	707	93	3268	92	42029	430	848	21	29	3	49	5	166	7	11980	56	7	0	-18	4	4	2	15	1	2	1
1140469	PPM	-3917	1109	1200	266	650	90	2770	85	43374	442	570	17	25	2	46	4	224	7	11153	53	6	0	-7	5	18	2	18	1	2	1
1140470	PPM	-5909	954	863	228	674	83	3224	86	39105	383	918	20	31	2	34	4	140	6	5236	30	3	0	-13	4	4	2	8	1	2	1
1140471	PPM	-3982	1113	1128	268	639	91	3107	89	43376	440	893	21	28	3	46	5	156	7	13458	61	8	0	-23	5	2	2	9	1	3	1
1140472	PPM	-4803	1134	1904	303	575	93	3723	99	44230	454	1155	25	39	3	57	5	267	8	15982	70	9	0	-37	5	5	2	20	1	6	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140473	PPM	-5764	1032	1039	254	594	86	3443	92	41712	417	796	20	29	3	43	4	198	7	10979	52	6	0	-10	4	11	2	16	1	2	1
1140474	PPM	-6187	1061	1527	276	513	86	3423	92	44229	442	861	21	29	3	50	4	195	7	12668	59	8	0	-10	5	11	2	15	1	2	1
1140475	PPM	-6075	1065	1486	279	824	95	2946	87	43091	435	995	23	28	3	43	4	158	7	13748	62	8	0	-30	4	7	2	12	1	2	1
1140476	PPM	-7753	1036	1538	280	609	90	2995	87	44145	441	1001	23	31	3	57	5	221	7	15217	68	9	0	-27	5	12	2	18	1	4	1
1140477	PPM	-5072	1028	1091	249	618	85	3647	93	42019	414	963	21	37	3	37	4	144	6	8463	43	6	0	-24	4	5	2	13	1	2	1
1140478	PPM	-5759	1022	1410	264	514	84	3514	92	41438	411	1001	22	27	3	41	4	386	9	10885	52	6	0	-29	4	4	2	11	1	4	1
1140479	PPM	-4422	1016	1333	254	634	85	3026	85	39580	392	938	21	27	3	38	4	134	6	8344	42	5	0	-19	4	2	2	11	1	2	1
1140480	PPM	-5300	1052	1139	258	777	91	3384	91	42952	427	916	21	35	3	56	5	178	7	10589	50	6	0	-13	4	6	2	16	1	2	1
1140481	PPM	-5725	1080	1313	277	602	92	3410	95	41763	432	1167	25	31	3	47	5	188	7	14604	66	8	0	-56	4	-3	2	21	1	3	1
1140482	PPM	-5075	998	1195	249	750	88	3501	92	38702	388	985	21	23	2	39	4	136	6	7181	38	4	0	-25	4	6	2	11	1	3	1
1140483	PPM	-3516	1028	1475	254	659	84	3354	89	39817	394	741	18	26	2	36	4	136	6	5815	33	4	0	-22	4	5	2	10	1	3	1
1140484	PPM	-6774	1147	1549	291	720	94	875	57	52708	524	717	19	28	3	73	5	253	8	16711	73	12	0	-53	5	21	2	31	1	4	1
1140485	PPM	-2907	1091	1555	274	622	89	3787	98	39688	406	1009	22	37	3	36	4	129	6	10518	51	5	0	-30	4	4	2	12	1	4	1
1140486	PPM	-7701	1032	1368	275	648	91	3719	97	42754	434	968	22	32	3	57	5	212	7	13448	61	8	0	-17	5	9	2	18	1	2	1
1140487	PPM	-3052	1083	1325	264	825	93	3732	96	40312	409	1101	23	29	3	47	4	149	6	9564	47	6	0	-25	4	1	2	13	1	1	1
1140488	PPM	-3568	1184	964	279	747	100	3595	100	44722	469	1258	27	32	3	62	5	222	8	15623	70	9	0	-29	5	8	2	21	1	2	1
1140489	PPM	-7813	1014	1281	266	758	92	3670	96	43032	434	839	20	26	3	54	5	218	7	10617	51	7	0	-29	4	5	2	19	1	2	1
1140490	PPM	-6910	1054	1183	270	626	92	3445	95	42696	438	1138	24	31	3	43	5	131	6	12065	57	8	0	-29	4	6	2	16	1	5	1
1140491	PPM	-5299	1111	886	262	685	93	2695	85	45206	462	1047	23	28	3	67	5	240	8	13478	61	6	0	-23	4	3	2	13	1	2	1
1140492	PPM	-5116	927	1323	223	544	68	451	37	45696	394	189	9	10	1	25	3	90	5	6786	34	5	0	-65	3	60	2	10	1	6	1
1140493	PPM	-5826	1044	1409	265	707	88	3443	91	44132	434	785	19	33	3	42	4	197	7	10495	51	6	0	-6	5	6	2	18	1	2	1
1140494	PPM	-6061	1034	1347	263	644	87	3177	88	42934	428	792	19	30	3	41	4	230	7	8890	45	5	0	-21	4	6	2	17	1	3	1
1140495	PPM	-6121	1022	1088	255	563	86	3006	86	41339	414	1001	22	29	3	43	4	145	6	10489	50	7	0	-41	4	-2	2	11	1	2	1
1140496	PPM	-4513	1124	881	263	741	96	3953	103	43751	454	1079	24	29	3	62	5	188	7	11628	54	6	0	-41	4	1	2	16	1	3	1
1140497	PPM	-6207	1141	1515	296	620	96	3644	101	46127	482	1016	24	31	3	53	5	189	7	15288	68	8	0	-38	4	5	2	19	1	3	1
1140498	PPM	-7102	1082	1010	275	603	94	3318	95	43275	449	962	23	26	3	58	5	178	7	15479	70	9	0	-32	5	6	2	14	1	3	1
1140499	PPM	-5248	1052	1565	275	656	90	4088	101	41228	417	1114	24	32	3	42	4	231	7	11213	53	7	0	-32	4	5	2	17	1	3	1
1140500	PPM	-6317	1160	1412	301	701	101	3141	95	46270	486	1335	28	39	3	52	5	260	8	19884	87	12	1	-43	5	13	2	27	1	4	1
1140501	PPM	-5763	971	1374	247	672	82	2501	76	40422	393	709	17	30	2	37	4	124	6	6566	36	3	0	-12	4	3	2	8	1	2	1
1140552	PPM	-6792	981	1415	255	677	84	2895	83	42090	412	576	16	24	2	41	4	168	6	7314	39	4	0	-15	4	6	2	11	1	1	1
1140554	PPM	-6756	1035	945	255	502	85	2843	85	42955	434	812	20	27	3	48	4	160	6	10296	50	6	0	-12	4	5	2	12	1	0	1
1140557	PPM	-4431	1000	1081	238	662	83	2714	81	39414	392	786	19	23	2	40	4	102	5	4092	26	3	0	-19	4	-2	2	5	1	2	1
1140558	PPM	-7170	1055	1452	280	719	94	3657	98	43293	443	1057	23	36	3	55	5	175	7	11968	56	6	0	-7	5	8	2	16	1	3	1
1140560	PPM	-6339	1099	1780	296	621	94	4047	104	44311	458	1197	25	46	3	67	5	238	8	12572	58	7	0	-22	4	15	2	24	1	5	1
1140562	PPM	-2831	1134	1617	289	550	91	2580	84	40154	418	896	22	24	3	55	5	128	6	15677	68	8	0	-30	4	3	2	12	1	3	1
1140563	PPM	-6294	1034	1411	271	599	89	3425	94	40689	417	887	21	27	3	44	4	148	6	10440	50	6	0	-30	4	1	2	11	1	4	1
1140564	PPM	-4507	1089	1366	272	613	90	3660	98	42003	432	926	22	26	3	58	5	152	6	9728	47	4	0	-29	4	3	2	10	1	3	1
1140565	PPM	-5977	926	1457	241	753	82	2602	77	37818	370	698	17	22	2	31	4	110	5	2428	19	1	0	-12	4	1	2	4	1	3	1
1140566	PPM	-7282	1019	1280	268	555	88	4156	103	41142	422	1084	23	33	3	43	4	158	7	9676	48	5	0	-31	4	0	2	17	1	3	1
1140567	PPM	-3749	1109	1048	263	648	91	3909	99	43056	436	988	22	34	3	48	5	183	7	12311	57	6	0	-32	4	1	2	20	1	3	1
1140568	PPM	-6216	1050	1467	272	718	91	2649	82	43596	436	797	20	24	3	53	5	179	7	11016	52	5	0	-7	4	4	2	31	1	1	1
1140569	PPM	-6746	1029	1624	274	619	88	3097	89	42692	431	835	20	27	3	49	4	203	7	8356	43	5	0	-6	4	9	2	13	1	2	1
1140570	PPM	-5309	1041	1655	274	703	89	3270	89	41650	415	1046	22	29	3	52	4	136	6	10776	51	6	0	-14	4	5	2	12	1	3	1
1140571	PPM	-5561	1005	1568	263	691	86	3502	91	40517	402	808	19	33	3	39	4	153	6	7793	41	4	0	-2	4	8	2	12	1	1	1
1140572	PPM	-4161	1019	1368	252	745	86	3496	90	40848	399	908	20	31	3	40	4	177	6	7069	37	4	0	-34	4	2	2	10	1	2	1
1140573	PPM	-5908	1062	1579	279	798	94	3743	97	43259	435	983	22	31	3	46	4	195	7	11919	56	7	0	-10	5	4	2	15	1	2	1
1140574	PPM	-3897	1131	995	267	643	92	3183	91	44213	450	1065	24	33	3	59	5	223	7	14076	64	8	0	-20	5	8	2	19	1	4	1
1140575	PPM	-4514	1057	1267	262	508	84	2818	84	41442	414	904	21	28	3	36	4	137	6	11799	55	7	0	-27	4	4	2	12	1	1	1
1140576	PPM	-5125	1024	943	243	672	86	2245	75	41349	412	873	20	25	2	40	4	189	7	7308	38	4	0	-31	4	2	2	12	1	2	1
1140578	PPM	-7030	1106	1326	292	840	102	3419	97	43744	458	1170	26	34	3	84	5	196	7	18615	81	10	0	-35	5	8	2	20	1	3	1
1140579	PPM	-6059	996	1087	244	627	83	1913	69	41926	412	716	18	26	2	62	4	151	6	6838	35	3	0	-41	4	3	2	7	1	2	1
1140580	PPM	-6080	990	1441	257	601	84	3079	86	40311	402	998	21	27	3	46	4	139	6	6898	37	4	0	-27	4	1	2	7	1	3	1
1140581	PPM	-7677	1053	1356	279	502	90	3265	93	43674	449	1417	28	32	3	59	5	212	7	13788	63	8	0	-35	4	8	2	17	1	3	1
1140582	PPM	-5249	1057	878	255	585	89	3123	90	40556	415	994	23	28	3	50	5	143	6	12948	59	5	0	-13	4	3	2	15	1	3	1
1140583	PPM	-6719	940	1059	237	614	83	2668	80	37899	379	1041	22	27	3	32	4	129	6	5243	30	3	0	-26	4	1	2	9	1	4	1
1140584	PPM	-6300	1070	1482	279	712	92	2662	82	44856	446	784	20	32	3	46	5	229	7	15667	69	7	0	-16	5	5	2	15	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140585	PPM	-6430	1007	1223	256	605	85	2685	81	41603	414	668	18	22	2	43	4	167	6	9888	48	5	0	-19	4	8	2	14	1	3	1
1140586	PPM	-6724	1033	1130	262	624	89	2802	85	42256	427	841	21	29	3	47	4	171	7	12508	58	6	0	-25	4	6	2	18	1	2	1
1140588	PPM	-4508	1022	937	245	563	85	1637	66	38899	390	1405	26	35	3	37	4	170	6	11009	50	6	0	-59	4	25	2	35	1	6	1
1140589	PPM	-6007	953	1020	234	725	84	3266	87	39102	383	943	20	29	2	32	4	106	5	5270	30	3	0	-19	4	1	2	7	1	2	1
1140590	PPM	-7534	972	1143	248	681	86	3307	89	41714	414	946	21	33	3	34	4	123	6	6618	36	4	0	-25	4	2	2	9	1	2	1
1140591	PPM	-4924	1072	1230	268	584	89	3330	93	41278	422	953	22	31	3	40	4	140	6	11991	57	8	0	-34	4	5	2	13	1	4	1
1140592	PPM	-5816	1038	698	241	872	92	2791	83	43324	431	769	19	28	2	39	4	152	6	9479	47	6	0	-11	4	2	2	14	1	1	1
1140593	PPM	-5727	958	1196	242	714	85	2911	83	37928	377	1152	23	32	3	39	4	118	6	5314	31	3	0	-26	4	1	2	10	1	3	1
1140594	PPM	-4339	1112	951	258	618	90	2919	89	43698	452	700	19	22	2	40	4	148	6	8397	43	4	0	-27	4	0	2	14	1	2	1
1140595	PPM	-5010	1019	1260	249	502	79	2546	79	41972	414	455	14	20	2	37	4	128	6	5988	34	3	0	-6	4	5	2	9	1	2	1
1140596	PPM	-6532	1079	1276	275	472	88	2865	88	43941	452	1135	24	69	3	99	6	214	7	11716	55	6	0	-6	5	101	3	25	1	4	1
1140601	PPM	-6054	1031	1593	270	797	91	3192	90	42134	427	474	15	25	2	35	4	164	6	6823	37	4	0	-11	4	2	2	11	1	2	1
1140602	PPM	-4170	1071	765	242	691	87	3672	94	43553	432	741	19	29	2	38	4	221	7	9105	46	4	0	-6	4	10	2	10	1	2	1
1140603	PPM	-7317	1011	825	245	541	84	3240	90	43223	434	742	19	24	2	42	4	180	7	8247	43	4	0	-11	4	6	2	14	1	2	1
1140604	PPM	-5049	1168	1183	278	840	99	3106	96	47244	502	438	15	23	2	44	4	137	6	7419	40	4	0	-33	4	4	2	16	1	2	1
1140605	PPM	-4603	1039	1273	255	542	83	3508	92	41667	414	824	19	25	2	37	4	165	6	8068	42	4	0	-12	4	4	2	13	1	2	1
1140606	PPM	-4771	1060	1349	262	796	90	3043	87	43127	430	615	17	27	2	51	4	173	6	8445	43	4	0	-12	4	4	2	15	1	3	1
1140607	PPM	-4894	1087	1270	268	781	93	3535	94	44206	444	1052	23	28	3	59	5	227	7	12101	57	5	0	-4	5	8	2	19	1	3	1
1140608	PPM	-5219	1045	1639	268	622	84	3392	90	43724	432	441	14	26	2	36	4	162	6	7776	41	4	0	-4	4	9	2	13	1	2	1
1140609	PPM	-4223	1060	1216	257	747	89	3938	98	41884	419	793	19	26	2	34	4	186	7	8925	46	5	0	-11	4	7	2	15	1	2	1
1140610	PPM	-5554	1018	1462	260	492	81	3122	87	41669	414	520	16	27	2	46	4	178	6	8115	43	5	0	-10	4	10	2	14	1	3	1
1140611	PPM	-4676	1041	1228	255	603	85	3134	88	40945	412	608	17	24	2	40	4	161	6	8132	42	4	0	-11	4	2	2	12	1	1	1
1140612	PPM	-5169	1045	1548	267	759	89	3451	91	43093	425	830	20	31	3	48	4	202	7	9361	46	5	0	-20	4	6	2	16	1	2	1
1140613	PPM	-4120	1043	1292	254	724	86	2956	84	41813	412	630	17	26	2	38	4	186	6	8518	43	4	0	-10	4	5	2	16	1	1	1
1140614	PPM	-6380	1048	1543	277	516	86	2852	85	43095	431	847	21	28	3	42	4	162	7	13512	61	7	0	-25	4	9	2	15	1	2	1
1140615	PPM	-2753	1092	1483	266	683	88	3232	89	42116	421	842	20	30	3	46	4	185	7	8507	43	5	0	-17	4	2	2	13	1	2	1
1140616	PPM	-3082	1093	1593	278	697	91	3425	92	40625	409	1004	22	35	3	43	5	168	7	13785	62	7	0	-35	4	8	2	16	1	3	1
1140617	PPM	-4372	1105	1120	267	500	87	3174	90	43427	440	957	22	27	3	61	5	191	7	12740	59	7	0	-25	4	6	2	18	1	2	1
1140618	PPM	-6813	1027	1625	274	686	89	3749	96	43448	432	1000	22	28	3	48	4	227	7	10291	50	4	0	-10	4	7	2	15	1	2	1
1140619	PPM	-3097	1039	1236	246	611	81	2935	84	40366	400	364	13	22	2	21	4	141	6	5501	32	3	0	-7	4	6	2	10	1	2	1
1140620	PPM	-3551	1068	997	252	723	89	3246	89	40884	409	869	21	32	3	42	4	183	7	11272	53	6	0	-21	4	7	2	17	1	1	1
1140621	PPM	-5254	1013	1200	250	753	87	2801	82	41138	407	508	15	24	2	33	4	162	6	7364	39	4	0	-8	4	2	2	13	1	1	1
1140622	PPM	-6866	1014	1045	253	774	91	3530	94	42046	425	672	18	30	2	47	4	207	7	8050	42	4	0	-6	4	5	2	10	1	1	1
1140623	PPM	-5779	965	1012	234	479	77	3243	87	39388	389	317	12	22	2	28	4	137	6	4667	28	2	0	-7	4	6	2	12	1	1	1
1140624	PPM	-4053	995	1656	254	592	79	3266	86	39798	387	327	12	23	2	33	4	123	6	4970	30	3	0	-10	4	4	2	10	1	1	1
1140625	PPM	-5066	1066	1267	263	600	87	3438	93	43215	434	700	18	31	3	50	4	198	7	9722	48	5	0	-4	4	0	2	16	1	3	1
1140626	PPM	-5387	1102	1359	277	598	91	3166	92	43997	452	1023	23	36	3	54	5	254	8	12278	57	5	0	-19	4	4	2	15	1	2	1
1140627	PPM	-6877	987	1295	257	648	86	3374	91	40272	405	673	18	26	2	47	4	182	7	8818	44	4	0	-11	4	6	2	15	1	2	1
1140628	PPM	-3573	1117	999	254	581	84	1091	58	47136	464	376	14	23	2	38	4	139	6	8956	45	6	0	-38	4	2	2	14	1	2	1
1140651	PPM	-4982	940	1342	239	751	84	3223	86	36334	358	1031	21	29	2	31	4	118	5	4033	26	2	0	-25	4	-1	2	8	1	2	1
1140652	PPM	-5913	1047	1031	255	694	89	3615	95	43486	435	801	20	29	3	57	5	193	7	9156	46	6	0	-3	5	31	2	16	1	4	1
1140653	PPM	-4321	1054	965	246	746	87	3087	86	43238	424	698	18	26	2	49	4	201	7	10816	52	5	0	0	5	7	2	16	1	1	1
1140654	PPM	-3275	3687	7357	994	1935	304	3312	227	145856	2782	806	39	54	6	243	15	462	20	8855	98	1	1	6	11	6	5	11	2	3	1
1140655	PPM	-5734	1053	2421	291	689	85	1098	58	46071	453	303	12	16	2	45	4	134	6	5458	32	4	0	-31	4	8	2	13	1	2	1
1140656	PPM	-5661	1073	2135	286	735	87	1023	56	48281	467	444	14	19	2	51	4	186	6	9131	45	5	0	-32	4	6	2	12	1	11	1
1140657	PPM	-5146	1003	1708	260	598	80	2832	81	42196	408	468	14	26	2	33	4	138	6	6169	34	4	0	-10	4	0	2	18	1	2	1
1140658	PPM	-5297	1039	1465	257	645	82	646	49	45636	443	246	11	17	2	39	4	143	6	6069	34	4	0	-66	4	4	2	24	1	5	1
1140659	PPM	-6804	1228	888	291	581	99	1437	72	52969	562	696	21	26	3	73	5	239	8	17637	81	13	0	-41	5	54	3	33	1	6	1
1140660	PPM	-6610	1055	1469	268	665	86	1904	70	47934	465	532	16	19	2	53	4	205	7	11444	54	9	0	-24	4	13	2	28	1	2	1
1140661	PPM	-5657	1032	1763	278	634	88	2813	85	40212	411	626	18	24	2	34	4	164	6	9187	47	5	0	-28	4	3	2	9	1	3	1
1140662	PPM	-4964	1106	1615	287	445	87	3718	98	43117	442	902	22	29	3	56	5	181	7	13281	62	7	0	-9	5	7	2	21	1	3	1
1140663	PPM	-6132	971	820	231	824	88	3156	87	39978	396	798	19	27	2	32	4	152	6	4738	29	3	0	-10	4	2	2	8	1	1	1
1140664	PPM	-3707	1097	1328	270	559	87	3505	94	41999	426	783	20	26	3	48	5	170	7	11550	55	7	0	-21	4	4	2	17	1	2	1
1140665	PPM	-5664	1062	1151	261	614	88	3090	89	43581	440	695	18	34	3	41	4	216	7	10335	51	7	0	-20	5	10	2	16	1	4	1
1140666	PPM	-4488	1135	1743	299	610	95	3636	99	42379	443	986	23	31	3	48	5	159	7	15489	70	8	0	-30	5	4	2	22	1	3	1
1140667	PPM	-5925	1085	1091	272	504	89	3629	97	43110	440	1010	23	31	3	45	5	222	7	15716	70	10	0	-32	5	6	2	18	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140668	PPM	-5560	1076	993	265	642	92	4060	102	41738	429	1004	23	32	3	54	5	213	7	13638	63	8	0	-32	5	7	2	35	1	4	1
1140669	PPM	-5118	1056	1351	271	726	93	3670	98	39501	409	1048	23	31	3	47	5	150	6	11079	54	6	0	-35	4	5	2	11	1	3	1
1140670	PPM	-3510	1097	1346	267	750	91	3513	94	42706	431	846	20	31	3	56	5	208	7	9963	48	5	0	-6	4	8	2	16	1	1	1
1140671	PPM	-6430	990	1596	265	654	86	3282	89	40274	402	772	19	30	2	38	4	178	6	9093	45	5	0	8	5	7	2	14	1	3	1
1140672	PPM	-5752	1004	1386	256	743	87	3075	86	41042	407	645	17	24	2	47	4	168	6	7663	40	5	0	-25	4	6	2	21	1	9	1
1140673	PPM	-3492	1117	1120	270	612	93	3854	100	41137	425	1710	31	41	3	63	5	186	7	13924	63	8	0	-47	4	4	2	20	1	2	1
1140674	PPM	-3867	1084	1592	279	702	93	3385	94	39514	410	949	22	28	3	40	4	164	7	11021	52	7	0	-27	4	2	2	14	1	3	1
1140675	PPM	-3334	980	1224	235	504	77	3887	92	38164	368	1146	22	36	3	40	4	149	6	4953	29	3	0	-11	4	9	2	9	1	2	1
1140676	PPM	-4075	1116	1362	276	585	90	3821	100	42805	441	870	21	27	3	57	5	186	7	11311	54	7	0	-11	5	15	2	16	1	2	1
1140677	PPM	-5788	1015	1148	253	745	89	3586	93	41106	410	807	19	31	3	37	4	173	6	8786	44	6	0	-16	4	7	2	10	1	3	1
1140678	PPM	-5637	1097	1442	272	837	92	3644	95	48348	477	643	18	28	2	46	4	211	7	8655	44	5	0	7	5	10	2	14	1	1	1
1140679	PPM	-5347	1091	882	262	569	91	3773	100	42257	438	1008	23	31	3	56	5	207	7	12297	57	7	0	-7	5	9	2	31	1	3	1
1140680	PPM	-5557	1068	1437	278	634	91	3809	99	41312	424	948	22	31	3	53	5	314	8	13241	61	9	0	-20	5	9	2	27	1	4	1
1140681	PPM	-6234	1002	1102	248	684	87	3895	97	41612	413	986	21	30	3	49	4	207	7	6692	36	4	0	-8	4	5	2	19	1	1	1
1140682	PPM	-3765	1078	930	252	550	85	2915	84	42619	422	789	20	32	3	46	4	259	7	12360	57	8	0	-26	4	4	2	16	1	2	1
1140683	PPM	-4654	955	958	223	625	78	3221	84	39488	377	796	18	25	2	27	4	119	5	3430	23	2	0	-13	4	5	2	8	1	3	1
1140684	PPM	-2879	933	1026	212	461	65	536	38	42387	363	137	9	6	1	10	3	224	6	9441	41	5	0	-89	3	-5	1	15	1	4	1
1140685	PPM	-5872	920	1085	219	540	70	516	41	42907	389	78	7	5	1	24	3	178	6	4024	25	2	0	-79	3	-4	2	22	1	4	1
1140686	PPM	-5158	1113	1553	268	799	87	486	47	52476	507	103	8	11	2	37	4	189	6	4518	30	2	0	-69	4	3	2	15	1	3	1
1140687	PPM	-4936	881	1298	215	444	63	445	36	41645	357	81	7	5	1	12	3	145	5	6205	32	3	0	-86	3	1	2	16	1	4	0
1140688	PPM	-6405	1230	1202	315	556	104	3185	98	48638	520	1670	33	82	4	126	7	291	9	25649	104	14	1	-34	5	29	2	51	2	5	1
1140689	PPM	-6992	1100	1178	284	795	102	3453	98	43183	456	1516	30	43	3	47	5	187	7	14577	66	9	0	-41	4	3	2	23	1	2	1
1140690	PPM	-5095	1145	1084	284	649	98	3944	105	43075	455	1136	26	36	3	63	5	251	8	16881	74	9	0	-28	5	10	2	35	1	4	1
1140691	PPM	-7308	1164	729	288	642	103	3782	105	45900	491	1553	31	41	4	60	5	170	7	21981	93	12	1	-65	5	6	2	26	1	4	1
1140692	PPM	-3611	1056	1373	257	684	87	3330	90	41405	414	1079	22	33	3	39	4	140	6	5506	32	4	0	-24	4	4	2	9	1	2	1
1140693	PPM	-4535	1238	458	281	792	108	3439	103	45719	501	1217	28	34	3	48	5	198	8	19388	86	12	1	-67	5	4	2	28	1	3	1
1140694	PPM	-3873	1079	1477	272	624	89	3371	92	41233	416	926	21	30	3	51	5	129	6	11577	54	6	0	-24	4	9	2	11	1	2	1
1140695	PPM	-5558	971	1307	246	572	81	2918	82	39971	388	1289	24	39	3	64	4	174	6	6755	36	3	0	-17	4	8	2	16	1	2	1
1140696	PPM	-4962	961	937	227	597	74	394	38	43245	389	160	10	18	2	35	4	230	6	13560	59	7	0	-94	3	18	2	104	2	5	1
1140697	PPM	-6060	943	1282	241	534	74	259	35	43107	383	67	9	2	2	17	3	228	6	20406	77	9	0	-109	3	-3	2	23	1	7	1
1140698	PPM	-5052	917	1453	225	563	67	308	34	44645	385	87	7	5	1	17	3	212	6	5830	31	2	0	-87	3	-8	1	9	1	4	1
1140699	PPM	-5924	953	1145	229	590	72	382	37	47730	414	96	8	5	1	15	3	246	6	10616	46	6	0	-95	3	-8	1	8	1	3	1
1140700	PPM	-5609	988	1030	235	566	74	324	37	47907	424	109	9	2	2	19	3	337	7	14629	60	7	0	-104	3	-10	1	6	1	5	1
1140701	PPM	-5536	1341	914	329	670	114	2033	84	52549	573	1747	35	42	4	86	6	405	10	34080	138	15	1	-77	5	28	2	31	1	5	1
1140702	PPM	-4796	1091	1123	267	785	95	3737	97	43179	436	1181	25	32	3	54	5	186	7	13350	60	8	0	-32	4	6	2	24	1	4	1
1140703	PPM	-6289	1146	1190	291	767	102	3098	94	45071	477	1133	26	30	3	52	5	310	9	16687	75	10	0	-37	5	12	2	23	1	4	1
1140704	PPM	-3789	1139	1502	283	623	92	4177	104	44952	456	1063	23	33	3	55	5	202	7	12382	58	7	0	-4	5	13	2	24	1	3	1
1140705	PPM	-5058	1080	683	251	538	88	3314	92	42564	432	915	22	33	3	54	5	167	7	13181	61	8	0	-31	4	6	2	16	1	3	1
1140706	PPM	-4113	1041	1384	260	636	86	3718	93	41089	404	942	21	29	3	43	4	151	6	10836	51	7	0	-21	4	6	2	11	1	3	1
1140707	PPM	-5526	1113	1375	283	682	94	3176	91	45284	458	950	22	34	3	42	5	223	7	16144	70	9	0	-33	5	11	2	15	1	3	1
1140708	PPM	-6788	979	1688	266	542	83	3411	91	40197	403	869	20	26	2	42	4	154	6	6301	35	3	0	-7	4	8	2	12	1	2	1
1140709	PPM	-5294	1106	1130	278	673	97	2821	90	40612	432	856	22	22	3	44	5	129	7	14249	65	9	0	-34	5	1	2	11	1	3	1
1140710	PPM	-5504	1084	1645	288	772	97	3563	97	41331	429	1218	26	35	3	44	5	143	7	12995	60	7	0	-36	4	9	2	14	1	3	1
1140711	PPM	-4301	1102	1304	275	575	90	3381	94	41746	430	956	22	32	3	40	5	157	7	13276	62	7	0	-12	5	11	2	15	1	4	1
1140712	PPM	-6161	1016	868	247	572	87	2710	85	39375	408	871	21	28	3	34	4	113	6	7790	41	4	0	-25	4	1	2	7	1	3	1
1140713	PPM	-5929	999	1021	243	654	84	2618	79	41743	410	526	16	29	2	42	4	125	6	8009	41	5	0	-1	4	4	2	12	1	3	1
1140714	PPM	-5631	850	1168	207	561	65	676	40	40514	347	320	10	23	2	33	3	68	4	4258	24	2	0	-75	3	2	2	4	1	5	1
1140715	PPM	-5456	913	1349	231	561	74	2144	68	38624	363	725	17	22	2	37	4	107	5	3933	24	2	0	-60	3	-6	2	5	1	3	1
1140716	PPM	-3842	1047	1764	267	480	80	3506	91	42360	415	870	20	33	3	50	4	166	6	5956	33	3	0	-13	4	7	2	8	1	2	1
1140717	PPM	-3111	1028	1142	244	582	82	3670	92	39557	387	833	19	30	2	39	4	156	6	8578	43	5	0	-2	4	6	2	13	1	2	1
1140718	PPM	-5611	1016	1131	252	579	84	3189	87	41163	407	751	19	21	2	53	4	168	6	10360	50	6	0	-8	4	8	2	13	1	3	1
1140719	PPM	-4714	1294	1333	323	725	107	1901	78	52306	550	917	24	48	3	78	6	292	9	28777	115	14	1	-69	5	7	2	18	1	10	1
1140751	PPM	-5302	1104	1422	282	573	91	3122	89	44482	448	1349	27	37	3	62	5	211	7	15852	70	10	0	-25	5	14	2	25	1	5	1
1140752	PPM	-4144	1000	1687	256	546	79	2983	83	39635	389	705	17	23	2	38	4	118	6	4485	28	3	0	-16	4	7	2	9	1	1	1
1140753	PPM	-6873	958	1634	256	710	83	2771	80	41642	402	821	19	26	2	34	4	126	6	5214	30	3	0	-15	4	4	2	7	1	2	1
1140754	PPM	-5795	1017	1422	258	759	87	3093	85	43317	422	661	17	23	2	49	4	158	6	8489	43	5	0	-10	4	5	2	12	1	1	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140755	PPM	-5059	1042	1208	254	579	83	3182	87	43568	426	731	18	29	2	43	4	172	6	8512	43	5	0	-10	4	8	2	16	1	0	1
1140756	PPM	-6492	1007	2066	268	581	77	1026	52	49134	449	270	11	11	2	29	4	251	7	8417	39	3	0	-62	3	-4	2	44	1	3	1
1140757	PPM	-4750	1123	1677	272	651	81	417	43	56586	518	129	10	10	2	32	4	307	7	12298	57	4	0	-72	4	21	2	21	1	3	1
1140758	PPM	-5027	1047	1208	256	632	85	2750	82	42860	426	535	16	26	2	45	4	138	6	7513	40	4	0	-1	4	5	2	12	1	3	1
1140759	PPM	-5988	1020	1534	265	679	86	2881	84	42145	420	563	16	20	2	42	4	147	6	7174	38	4	0	-12	4	3	2	13	1	3	1
1140760	PPM	-3929	1086	1937	287	776	93	2969	87	41480	421	696	19	27	3	50	5	129	6	11317	54	6	0	-12	4	3	2	12	1	3	1
1140761	PPM	-5022	1026	1637	265	638	84	3027	85	41722	413	525	16	25	2	40	4	131	6	7005	38	3	0	4	4	5	2	12	1	2	1
1140762	PPM	-5763	1044	1437	266	501	83	3710	94	43722	432	801	19	32	3	48	4	177	6	9643	47	5	0	-4	4	4	2	15	1	1	1
1140763	PPM	-7520	1003	1217	256	668	86	3188	87	44663	436	726	18	25	2	41	4	210	7	9319	46	5	0	-3	4	17	2	14	1	1	1
1140764	PPM	-6232	1005	1065	246	775	87	3052	85	43126	421	708	18	26	2	44	4	183	6	7224	39	4	0	-17	4	8	2	14	1	1	1
1140765	PPM	-5564	1023	1082	248	767	88	3237	87	43193	422	751	18	23	2	43	4	162	6	7974	41	4	0	-5	4	5	2	15	1	2	1
1140766	PPM	-6503	986	1163	249	559	82	2898	84	40587	404	636	17	22	2	28	4	128	6	7495	39	4	0	-14	4	9	2	11	1	1	1
1140767	PPM	-6812	1064	1412	281	561	90	3124	90	43162	438	873	22	27	3	55	5	161	7	16414	72	9	0	-30	5	9	2	17	1	3	1
1140768	PPM	-5639	1011	1144	249	600	83	3367	89	42039	413	825	19	24	2	42	4	169	6	7843	41	5	0	-16	4	4	2	13	1	2	1
1140769	PPM	-5695	1048	1361	263	802	92	3177	90	42766	434	768	19	25	2	46	4	132	6	5693	33	3	0	-23	4	-2	2	11	1	2	1
1140770	PPM	-5463	1013	1297	252	687	84	2993	84	42431	415	573	16	21	2	39	4	136	6	7146	38	4	0	-6	4	4	2	12	1	2	1
1140771	PPM	-6488	1006	1376	256	539	81	3025	86	43178	426	491	15	20	2	39	4	136	6	5574	32	4	0	5	4	5	2	15	1	1	1
1140772	PPM	-4286	1034	1680	262	470	78	3481	89	43172	417	667	17	29	2	37	4	159	6	7059	37	4	0	-5	4	8	2	23	1	2	1
1140773	PPM	-4051	1017	1022	237	600	80	3336	87	41977	405	527	15	23	2	30	4	142	6	6029	34	4	0	-6	4	3	2	14	1	1	1
1140774	PPM	-4836	1041	2058	279	632	85	3140	86	43090	422	810	19	27	2	45	4	157	6	7961	41	5	0	-8	4	12	2	12	1	3	1
1140775	PPM	-3001	1134	1090	268	694	92	3296	91	44220	442	991	23	33	3	51	5	178	7	15426	68	10	0	-28	5	25	2	23	1	3	1
1140776	PPM	-4500	1581	1342	408	679	139	2079	94	56859	670	4010	65	67	6	87	8	404	12	56600	232	31	1	-100	6	48	3	51	2	8	1
1140777	PPM	-7147	993	2032	258	490	70	313	37	54315	473	88	7	5	1	12	3	113	5	5847	31	2	0	-84	3	0	2	30	1	7	1
1140778	PPM	-4921	1170	1254	291	469	93	3789	101	46658	480	1137	25	40	3	71	5	388	9	18211	79	10	0	-5	5	69	3	26	1	5	1
1140779	PPM	-4513	1110	1735	286	657	91	3347	92	44522	449	899	21	35	3	49	5	441	9	11404	54	6	0	-19	4	10	2	19	1	3	1
1140780	PPM	-5235	1034	1072	247	676	84	3389	89	44467	431	711	18	27	2	49	4	175	6	7144	38	4	0	-14	4	5	2	13	1	2	1
1140781	PPM	-5101	1046	1237	262	676	90	3458	92	41256	413	1209	24	35	3	43	4	117	6	11259	53	7	0	-25	4	7	2	12	1	3	1
1140782	PPM	-6060	936	1163	235	654	81	3201	84	38927	377	1013	21	31	2	36	4	113	5	4478	28	3	0	-11	4	1	2	7	1	2	1
1140783	PPM	-6690	953	1513	252	622	82	3236	86	40119	392	842	19	27	2	34	4	142	6	5279	31	4	0	-14	4	2	2	8	1	1	1
1140784	PPM	-3192	977	1450	229	509	67	457	37	47805	410	120	8	8	1	23	3	372	7	5372	30	2	0	-80	3	4	2	30	1	2	1
1140785	PPM	-6730	919	1472	225	508	65	360	35	50697	423	88	6	8	1	12	3	284	6	3723	23	1	0	-77	3	-6	1	15	1	2	0
1140786	PPM	-6536	808	1127	197	447	58	346	31	42280	343	82	6	5	1	11	3	378	7	3593	21	1	0	-78	3	-1	1	16	1	3	0
1140787	PPM	-6411	810	1331	202	516	60	339	31	42305	343	87	6	5	1	4	3	380	7	3626	21	1	0	-78	3	1	1	16	1	2	0
1140787	PPM	-7400	1145	1501	298	667	98	2822	89	49405	511	1171	26	25	3	68	5	262	8	14300	65	7	0	-11	5	5	2	39	1	2	1
1140788	PPM	-5362	1088	1272	254	910	87	863	51	53852	501	287	11	14	2	37	4	234	7	6981	39	3	0	-79	4	4	2	22	1	3	1
1140789	PPM	-6420	867	1126	207	572	64	279	32	45705	379	86	6	3	1	15	3	198	5	4765	26	2	0	-84	3	0	2	14	1	2	1
1140790	PPM	-3481	1058	1573	249	703	77	260	37	50749	461	90	7	8	1	33	3	226	6	4498	29	2	0	-78	3	-5	2	29	1	2	1
1140791	PPM	-4620	871	1407	209	482	61	294	32	43321	361	57	5	7	1	15	3	175	5	1694	14	1	0	-73	3	-5	1	14	1	2	0
1140792	PPM	-4315	1063	1375	263	410	81	3306	90	42420	422	908	21	26	3	42	4	163	6	9017	45	6	0	-15	4	10	2	14	1	2	1
1140793	PPM	-5311	989	1445	252	535	80	3140	86	40133	395	933	20	30	2	42	4	133	6	5554	32	3	0	-9	4	3	2	9	1	3	1
1140794	PPM	-4361	1116	1714	289	662	93	2742	85	43707	444	1002	23	35	3	69	5	238	7	13958	63	9	0	-29	5	10	2	17	1	3	1
1140795	PPM	-4978	1131	1742	302	534	94	2957	90	42232	442	1054	24	27	3	59	5	229	8	18175	79	11	0	-50	5	22	2	17	1	8	1
1140796	PPM	-4788	1062	1429	268	708	90	3477	92	42854	426	1128	23	34	3	47	4	177	7	10877	52	6	0	-20	4	7	2	12	1	3	1
1140797	PPM	-5899	1040	1348	267	620	88	3197	89	41719	420	1025	23	34	3	34	4	147	6	11244	53	7	0	-25	4	4	2	13	1	2	1
1140798	PPM	-5686	1059	1376	273	635	90	3391	93	41647	425	934	22	28	3	49	5	176	7	11905	55	7	0	-27	4	1	2	16	1	3	1
1140799	PPM	-5712	992	1573	262	519	82	3340	89	39657	393	987	21	27	3	41	4	165	6	8739	44	6	0	-17	4	7	2	14	1	4	1
1140800	PPM	-4944	1097	980	266	652	93	3726	98	42560	436	1105	24	33	3	49	5	165	7	13274	61	8	0	-28	4	8	2	18	1	2	1
1140801	PPM	-5781	978	1720	243	432	67	560	41	51514	445	146	8	8	1	23	3	213	6	4672	27	2	0	-77	3	2	2	30	1	6	1
1140802	PPM	-4930	930	1178	223	506	68	379	35	45352	386	132	9	11	2	22	3	149	5	12350	50	7	0	-91	3	35	2	80	2	7	1
1140803	PPM	-5148	951	764	222	687	83	2713	79	37402	367	998	21	27	2	32	4	120	6	5533	31	3	0	-30	4	-2	2	7	1	3	1
1140804	PPM	-5085	1058	1274	262	893	94	2907	85	43027	429	906	21	28	3	36	4	142	6	10358	50	5	0	-24	4	1	2	9	1	3	1
1140805	PPM	-5120	1050	1506	247	533	72	318	38	55843	491	140	8	11	1	30	3	186	6	4374	26	2	0	-79	3	6	2	17	1	4	1
1140806	PPM	-5187	958	1386	227	610	69	294	34	50464	427	102	7	5	1	22	3	314	7	5324	28	2	0	-80	3	-12	1	15	1	2	0
1140807	PPM	-6585	935	1040	219	609	70	337	35	49769	424	90	7	4	1	25	3	327	7	6324	32	3	0	-86	3	-7	1	24	1	3	1
1140808	PPM	-3847	1211	1854	287	737	87	283	42	61924	579	117	9	9	2	40	4	344	8	8315	44	3	0	-69	4	10	2	27	1	2	1
1140809	PPM	-5457	888	1227	216	512	65	379	34	43458	368	121	8	6	1	20	3	250	6	8981	40	4	0	-83	3	7	2	48	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140810	PPM	-5906	900	902	210	459	66	812	44	43945	380	213	9	11	2	18	3	190	6	7335	35	4	0	-81	3	5	2	20	1	2	1
1140811	PPM	-6913	1052	1381	275	626	91	3249	90	44352	441	1448	27	37	3	48	5	209	7	14495	64	9	0	-31	4	16	2	29	1	5	1
1140812	PPM	-5747	1115	1514	290	680	96	2899	88	44823	458	1478	28	35	3	56	5	216	7	16026	70	10	0	-39	5	33	2	45	2	5	1
1140813	PPM	-4762	1103	1568	285	689	93	2830	85	43662	440	874	21	30	3	50	5	184	7	15882	70	9	0	-27	5	43	2	18	1	3	1
1140851	PPM	-4350	1072	1027	252	558	85	2985	87	43255	434	777	19	31	3	51	4	173	6	7386	39	5	0	-19	4	0	2	16	1	0	1
1140852	PPM	-5436	1016	1163	248	684	85	3413	90	42655	418	852	19	27	2	52	4	154	6	6226	34	4	0	-16	4	0	2	11	1	2	1
1140853	PPM	-5678	984	1274	247	527	80	3277	87	40467	397	966	21	27	2	48	4	157	6	6839	37	4	0	-12	4	3	2	14	1	2	1
1140854	PPM	-6043	971	1494	253	663	83	2933	83	40333	395	802	19	26	2	43	4	159	6	5504	32	4	0	-9	4	-1	2	12	1	2	1
1140855	PPM	-5668	981	1670	257	754	84	3262	85	41826	401	864	19	34	2	39	4	145	6	6649	36	4	0	-12	4	3	2	14	1	2	1
1140856	PPM	-6362	1091	1663	292	608	92	3899	100	44516	451	1083	24	35	3	53	5	183	7	16171	72	10	0	-20	5	13	2	24	1	4	1
1140857	PPM	-3742	1100	1463	273	591	88	3249	92	41902	430	664	18	26	2	50	5	155	6	8674	45	6	0	-16	4	4	2	12	1	1	1
1140858	PPM	-4757	1094	967	263	551	89	3163	89	43708	438	1102	24	36	3	46	5	216	7	15368	67	9	0	-35	4	18	2	34	1	4	1
1140859	PPM	-6620	1029	1145	260	539	86	3475	95	41591	426	843	20	30	3	51	4	165	7	8025	41	5	0	-20	4	6	2	10	1	3	1
1140860	PPM	-3185	1056	989	243	773	88	3248	88	41580	410	866	20	31	3	41	4	163	6	6781	37	5	0	-23	4	1	2	15	1	2	1
1140861	PPM	-6423	1003	1451	260	664	85	3106	86	42555	418	845	20	29	2	48	4	181	6	7473	39	4	0	-16	4	1	2	18	1	1	1
1140862	PPM	-6638	1042	1078	258	680	89	3064	88	43789	441	811	20	31	3	49	4	270	8	8716	44	4	0	-23	4	6	2	38	1	2	1
1140863	PPM	-4861	1080	1524	274	597	87	2929	86	43827	438	750	19	32	3	53	5	219	7	11113	53	7	0	-11	5	8	2	26	1	2	1
1140864	PPM	-5936	1089	1314	281	645	89	536	46	46705	448	211	14	27	3	71	5	182	7	32029	121	14	1	-117	4	102	3	98	2	14	1
1140865	PPM	-4889	953	1456	240	499	71	303	35	44383	386	103	9	5	2	20	3	282	7	16744	64	8	0	-97	3	11	2	15	1	9	1
1140866	PPM	-8025	1772	1326	480	249	141	481	68	69059	849	321	29	-6	4	42	8	2096	32	115213	430	47	1	-265	6	10	2	8	1	22	1
1140867	PPM	-4872	1083	1417	268	772	90	2587	80	46003	453	710	18	24	2	48	4	210	7	9214	45	5	0	-14	4	4	2	18	1	0	1
1140868	PPM	-6567	1000	1394	258	550	83	3020	85	42400	419	909	20	34	3	45	4	188	6	7018	38	5	0	-8	4	7	2	12	1	3	1
1140869	PPM	-4799	1156	1348	287	753	98	3175	92	47191	480	1520	29	39	3	61	5	436	10	14932	67	7	0	-19	5	4	2	34	1	3	1
1140870	PPM	-5058	1090	1578	283	604	92	3052	89	42556	434	1322	26	33	3	55	5	176	7	13087	60	8	0	-33	4	15	2	19	1	11	1
1140871	PPM	-6247	1235	737	299	610	103	3027	95	49981	528	927	24	73	4	91	6	326	9	26440	110	11	1	-54	5	11	2	20	1	9	1
1140872	PPM	-4321	1048	1350	260	484	78	301	38	46319	424	130	11	13	2	26	4	1814	20	23067	90	8	0	-110	4	-7	2	24	1	7	1
1140873	PPM	-6621	1106	1413	282	613	91	2780	86	47679	481	870	21	43	3	67	5	252	8	12910	59	7	0	-25	4	13	2	23	1	2	1
1140874	PPM	-5827	1077	1749	287	655	93	3063	90	43020	440	1264	26	36	3	48	5	180	7	11013	52	6	0	-23	4	6	2	14	1	2	1
1140875	PPM	-6876	1017	1451	266	737	89	2898	85	42761	428	669	18	27	2	47	4	135	6	8787	44	5	0	-26	4	-2	2	12	1	2	1
1140876	PPM	-5103	1136	1150	282	808	100	3042	92	43615	457	1058	24	34	3	51	5	157	7	14579	66	9	0	-37	5	8	2	16	1	2	1
1140877	PPM	-6254	1064	1271	275	650	93	3631	97	41798	428	987	23	34	3	60	5	154	7	14189	63	9	0	-32	4	2	2	17	1	3	1
1140878	PPM	-5775	1178	1295	285	485	86	359	45	56188	540	155	12	7	2	40	4	360	9	23571	97	8	1	-116	4	3	2	55	2	6	1
1140879	PPM	-5096	1199	1604	289	646	87	325	43	60445	568	125	11	7	2	34	4	158	6	18876	81	7	0	-99	4	-4	2	26	1	6	1
1140880	PPM	-4645	942	1294	224	517	67	226	32	47655	401	49	7	3	1	16	3	114	5	9295	41	4	0	-97	3	-8	1	29	1	4	0
1140881	PPM	-4923	862	1091	200	415	58	289	30	45045	362	92	7	5	1	14	3	107	4	5759	28	3	0	-87	3	-1	1	15	1	4	0
1140882	PPM	-5827	1012	952	245	585	85	3025	88	39872	408	640	17	27	2	38	4	114	6	5974	34	4	0	-12	4	7	2	9	1	1	1
1140883	PPM	-4778	1045	1086	256	781	94	3022	90	38200	401	1128	24	34	3	39	4	125	6	7357	40	4	0	-24	4	4	2	10	1	3	1
1140884	PPM	-5103	1183	1190	295	678	100	3359	97	46235	483	1203	27	52	3	71	5	229	8	20121	86	11	0	-40	5	17	2	26	1	3	1
1140885	PPM	-7027	1131	878	290	541	93	507	47	48194	469	224	16	-1	2	29	5	221	8	46401	160	24	1	-168	4	0	2	12	1	28	1
1140886	PPM	-5603	991	1486	253	538	75	363	37	47067	414	121	11	3	2	22	4	331	7	21028	77	10	0	-112	3	-4	1	8	1	5	1
1140887	PPM	-4000	1156	1060	267	693	90	476	48	49560	493	216	12	23	2	63	5	321	8	16105	79	7	0	-80	4	14	2	30	1	4	1
1140888	PPM	-7576	1004	1940	284	591	88	3417	94	41297	423	883	21	28	3	46	4	165	6	7665	40	5	0	-21	4	6	2	15	1	3	1
1140889	PPM	-4377	1067	1648	275	364	80	3344	91	41314	417	571	17	26	2	42	4	178	7	10347	49	5	0	-12	4	7	2	12	1	2	1
1140890	PPM	-5915	1088	1122	271	470	88	3843	100	43436	447	899	22	36	3	56	5	197	7	12725	59	7	0	-14	5	5	2	19	1	2	1
1140891	PPM	-5684	1089	1284	273	460	86	2999	90	43438	448	635	18	25	3	52	5	178	7	9971	49	5	0	-13	4	7	2	16	1	3	1
1140892	PPM	-5577	1079	1129	267	638	91	3913	100	43187	439	1182	25	45	3	54	5	203	7	11631	54	7	0	-18	4	8	2	32	1	2	1
1140893	PPM	-5798	1134	1115	284	782	100	3689	99	45095	465	1282	27	41	3	61	5	291	8	18575	80	10	0	-2	5	7	2	41	1	3	1
1140894	PPM	-4805	861	1135	208	536	66	980	46	38446	336	237	9	12	2	23	3	249	6	5323	29	2	0	-79	3	-5	2	9	1	4	1
1140895	PPM	-5412	793	985	183	388	54	310	29	41535	329	81	5	3	1	3	2	58	4	1710	13	1	0	-71	3	-6	1	-1	1	3	0
1140896	PPM	-5340	1072	2064	291	554	87	3313	92	43106	438	784	20	23	2	51	4	171	7	8593	43	5	0	-22	4	10	2	13	1	3	1
1140897	PPM	-6322	1011	1866	277	512	84	3135	88	41183	413	1170	24	28	3	44	4	156	6	8382	42	5	0	-30	4	10	2	14	1	2	1
1140898	PPM	-4796	1021	1466	257	600	83	3189	87	41596	409	943	21	26	2	42	4	142	6	6966	37	4	0	-11	4	3	2	12	1	2	1
1140899	PPM	-5003	1011	1007	244	719	88	2416	77	39776	396	1125	23	30	3	49	4	162	6	8396	42	5	0	-12	4	6	2	12	1	2	1
1140900	PPM	-5674	1010	1428	259	740	88	3438	91	41009	408	937	21	31	3	40	4	202	7	6875	37	4	0	-24	4	5	2	11	1	3	1
1140901	PPM	-6972	1095	1265	277	922	99	3773	99	47260	477	899	22	33	3	41	4	223	7	12821	59	7	0	-16	5	14	2	23	1	4	1
1140902	PPM	-4798	1089	1279	265	814	93	2943	86	45370	453	1087	23	38	3	35	4	152	6	7814	40	5	0	-29	4	8	2	10	1	2	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140903	PPM	-6626	1164	1456	302	791	102	3239	95	48483	500	1261	27	42	3	57	5	187	7	19141	81	12	0	-42	5	11	2	20	1	5	1
1140904	PPM	-7697	1184	1384	308	990	109	2802	90	50887	530	1009	24	32	3	57	5	267	8	20952	88	12	0	-56	5	7	2	28	1	3	1
1140905	PPM	-6700	1129	1228	287	770	99	3260	94	46907	483	959	23	31	3	47	5	182	7	16008	70	10	0	-48	4	4	2	23	1	2	1
1140906	PPM	-3334	1087	1528	265	806	90	3804	97	43559	434	771	19	28	2	33	4	194	7	5774	33	3	0	-24	4	4	2	11	1	2	1
1140907	PPM	-4158	1204	1209	289	873	101	3122	92	49660	507	849	22	28	3	42	5	293	8	16492	72	10	0	-35	5	10	2	24	1	3	1
1140908	PPM	-5884	1311	1197	331	797	114	2444	88	53074	567	1803	35	50	4	62	6	530	12	30629	121	18	1	-88	5	43	2	153	3	7	1
1140909	PPM	-7472	1216	1310	309	774	105	3247	97	53565	556	1305	28	37	3	62	5	258	8	22284	94	11	1	-30	5	21	2	32	1	6	1
1140910	PPM	-6378	1150	900	276	875	101	2850	89	48933	502	904	22	28	3	52	5	150	7	13757	62	10	0	-32	5	7	2	17	1	2	1
1140911	PPM	-5122	1301	1626	329	496	101	3691	105	54023	573	1251	28	36	3	52	5	330	9	21491	91	11	1	-32	5	12	2	23	1	4	1
1140912	PPM	-4134	1014	1347	245	798	84	457	45	40770	404	134	8	10	2	51	4	134	6	2753	23	1	0	-64	4	-7	2	176	3	8	1
1140913	PPM	-3864	1024	1176	240	866	86	370	43	41449	410	125	8	13	2	42	4	164	6	3004	24	1	0	-69	4	-13	2	254	3	17	1
1140914	PPM	-4946	723	1014	178	466	55	427	30	32116	261	112	7	9	1	11	3	77	4	6452	30	3	0	-83	3	-10	1	52	1	6	1
1140915	PPM	-5002	930	985	219	543	69	258	33	44588	383	89	8	9	2	20	3	195	6	12077	49	5	0	-90	3	-6	1	6	1	5	1
1140916	PPM	-6220	1135	1258	282	905	100	3532	96	49108	495	1234	26	29	3	56	5	187	7	13937	62	9	0	-28	5	10	2	22	1	3	1
1140917	PPM	-5419	1215	1153	292	899	105	2738	89	51558	534	1256	27	30	3	52	5	264	8	15721	70	9	0	-39	5	8	2	33	1	4	1
1140918	PPM	-6261	855	1249	217	627	69	369	34	40356	346	123	9	5	1	18	3	103	5	10809	45	6	0	-96	3	-1	1	30	1	10	1
1140919	PPM	-5820	806	1044	193	621	63	326	31	40152	329	112	7	6	1	8	3	90	4	4419	24	2	0	-80	3	-3	1	21	1	4	1
1140920	PPM	-4232	775	1148	189	577	61	299	29	33259	280	128	7	8	1	25	3	101	4	4678	25	2	0	-86	3	-6	1	24	1	5	1
1140921	PPM	-5353	1164	991	280	839	102	3447	96	48490	494	1785	32	70	4	71	5	206	7	16077	70	10	0	-35	4	14	2	35	1	3	1
1140922	PPM	-6698	1164	1476	316	786	107	2181	81	43977	465	1223	28	34	3	66	6	142	7	28616	112	16	1	-66	5	12	2	21	1	3	1
1140923	PPM	-4893	1030	1631	267	856	92	3100	86	41672	410	1335	25	32	3	40	4	148	6	8697	43	6	0	-27	4	3	2	16	1	2	1
1140924	PPM	-6085	1126	1205	282	878	100	2950	88	47317	478	1411	28	32	3	62	5	254	8	16048	70	9	0	-30	5	16	2	27	1	3	1
1140925	PPM	-5204	1149	1239	292	911	105	3054	92	43618	457	1474	29	39	3	52	5	193	7	19564	82	11	0	-59	4	8	2	38	1	4	1
1140926	PPM	-3892	1127	1433	277	880	96	3684	97	44995	456	801	20	30	3	48	5	164	7	10925	52	7	0	-28	4	5	2	14	1	2	1
1140927	PPM	-7078	1090	1215	279	921	101	3706	100	45056	465	948	23	34	3	55	5	235	8	12855	59	8	0	-17	5	9	2	30	1	1	1
1140928	PPM	-5445	1097	1205	270	672	92	3557	96	44539	455	701	19	27	3	53	5	280	8	11047	53	7	0	-14	5	7	2	19	1	3	1
1140929	PPM	-6019	893	1046	218	696	72	443	36	42841	368	124	9	5	2	16	3	348	7	12462	50	6	0	-97	3	-8	1	32	1	5	1
1140930	PPM	-5742	895	1295	219	533	66	378	35	44747	379	88	7	3	1	15	3	188	6	6979	32	3	0	-84	3	-5	1	47	1	4	0
1140931	PPM	-6910	858	1114	206	602	65	501	35	46831	382	153	8	5	1	18	3	286	6	4966	25	2	0	-82	3	-9	1	28	1	2	0
1140932	PPM	-5821	769	1228	193	647	63	189	28	35671	302	63	5	4	1	13	3	73	4	1389	13	0	0	-74	3	-5	1	13	1	3	0
1140933	PPM	-4877	722	890	171	610	58	285	28	32060	265	71	5	3	1	20	3	61	4	1038	11	0	0	-77	3	-12	1	73	1	3	1
1140934	PPM	-4351	918	1080	210	625	68	228	33	43631	381	65	6	3	1	12	3	92	5	1725	15	0	0	-72	3	5	2	24	1	3	1
1140935	PPM	-5058	1067	1634	274	633	87	2678	82	44055	438	598	17	29	2	55	4	360	8	8776	42	5	0	-44	4	26	2	18	1	1	1
1140936	PPM	-6014	1066	1241	267	940	97	3257	92	43583	444	754	19	30	3	38	4	164	7	8672	44	5	0	-9	4	5	2	12	1	1	1
1140937	PPM	-6339	1123	1330	288	955	104	2324	80	46443	474	1633	30	43	3	47	5	223	7	16656	71	10	0	-46	4	12	2	22	1	4	1
1140938	PPM	-6359	1158	860	282	976	107	2943	92	46575	489	1021	24	35	3	50	5	591	12	17810	77	9	0	-12	5	19	2	42	1	4	1
1140939	PPM	-6733	1136	1726	308	870	105	4011	107	44526	474	1168	26	36	3	64	5	218	8	15424	69	9	0	-24	5	11	2	25	1	2	1
1140940	PPM	-4565	1169	1723	306	787	102	3633	101	43980	465	990	24	32	3	61	5	174	7	16041	72	9	0	-21	5	9	2	20	1	5	1
1140941	PPM	-8602	1107	1169	292	796	103	3411	98	46286	485	1348	28	34	3	55	5	201	7	17817	76	11	0	-38	5	12	2	35	1	3	1
1140942	PPM	-4199	1198	1684	308	965	107	3743	103	45794	483	1207	26	38	3	48	5	178	7	16281	72	9	0	-33	5	8	2	21	1	5	1
1140943	PPM	-5354	1136	1175	282	779	99	4082	106	44586	466	1097	25	34	3	51	5	188	7	13305	61	7	0	-20	5	6	2	16	1	2	1
1140944	PPM	-4644	1082	993	256	785	92	3187	90	43750	439	755	19	31	3	47	4	167	6	9925	49	4	0	-11	4	6	2	12	1	3	1
1140945	PPM	-4663	1101	951	258	722	92	3163	90	45054	453	1048	23	34	3	41	4	177	7	9899	48	6	0	-18	4	2	2	16	1	3	1
1140946	PPM	-6842	1076	990	269	869	101	4031	106	42245	448	935	23	28	3	42	5	298	8	10618	53	6	0	-25	5	9	2	14	1	3	1
1140947	PPM	-4204	1086	655	246	765	93	3382	93	42010	428	1127	24	34	3	37	4	141	6	10194	49	7	0	-25	4	7	2	14	1	3	1
1140948	PPM	-4398	1083	1612	274	771	91	3085	88	43830	439	827	20	24	2	41	4	219	7	8798	44	5	0	-23	4	4	2	13	1	1	1
1140949	PPM	-4125	1119	1690	283	898	97	3167	92	44459	456	1027	23	40	3	40	4	154	6	7109	38	4	0	-18	4	3	2	10	1	4	1
1140950	PPM	-6659	998	1899	276	836	92	3453	93	40704	411	936	21	31	3	37	4	109	6	6234	35	4	0	-14	4	5	2	7	1	2	1
1140951	PPM	-6342	1010	987	245	747	88	2548	80	42300	423	567	16	23	2	42	4	139	6	6006	34	4	0	-14	4	5	2	11	1	2	1
1140952	PPM	-5219	1117	1280	279	1007	103	3597	99	43751	456	1020	23	31	3	51	5	189	7	10949	52	6	0	-25	4	2	2	17	1	3	1
1140953	PPM	-2551	1121	871	250	909	95	3207	90	43545	439	881	21	33	3	42	4	156	6	8167	42	4	0	-21	4	4	2	12	1	3	1
1140954	PPM	-5922	1105	976	265	1016	101	3464	96	45790	469	815	20	31	3	57	5	206	7	10138	50	6	0	-5	5	7	2	15	1	3	1
1140955	PPM	-5600	1045	1792	276	803	91	2806	85	42497	432	640	17	27	2	35	4	153	6	5160	31	4	0	-14	4	2	2	8	1	1	1
1140956	PPM	-5731	1086	1615	280	1071	100	3293	93	44936	459	583	17	29	2	44	4	160	6	6997	37	3	0	-9	4	12	2	12	1	1	1
1140957	PPM	-7094	1018	1220	258	861	92	2581	81	43522	437	665	18	21	2	40	4	165	6	7035	37	3	0	-1	4	2	2	13	1	1	1
1140958	PPM	-6545	992	1343	253	828	90	2791	84	41205	416	685	17	22	2	34	4	132	6	3432	24	2	0	-24	4	2	2	5	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1140959	PPM	-4112	1075	1058	252	801	92	3562	95	42521	431	918	21	30	3	44	4	143	6	5858	33	4	0	-21	4	3	2	9	1	3	1
1140960	PPM	-5968	1092	1578	288	777	98	3654	99	42834	446	1203	25	31	3	54	5	159	7	12087	56	7	0	-32	4	6	2	15	1	2	1
1140961	PPM	-5730	1041	1223	258	828	93	3547	95	42366	429	955	21	29	3	38	4	159	6	6190	34	4	0	-20	4	4	2	9	1	3	1
1140962	PPM	-4614	1134	1581	287	791	97	2850	88	45102	464	897	22	28	3	52	5	183	7	10615	51	6	0	-15	4	8	2	14	1	3	1
1140964	PPM	-5361	1025	888	239	713	85	3308	87	44324	428	768	18	27	2	51	4	160	6	6726	36	4	0	-8	4	8	2	14	1	2	1
1140965	PPM	-4651	1084	1046	256	1092	98	3005	86	45612	450	743	19	30	3	67	5	200	7	9516	46	5	0	-28	4	8	2	17	1	2	1
1140966	PPM	-6905	1388	1253	363	885	125	2996	102	53599	602	918	27	51	4	77	7	223	9	41697	172	15	1	-53	6	7	2	13	1	4	1
1140967	PPM	-6875	1041	1213	262	761	91	3330	91	44966	449	805	20	28	3	43	4	166	6	8169	42	5	0	-19	4	6	2	18	1	2	1
1140968	PPM	-4704	1052	1073	250	961	93	2861	83	43655	431	734	18	25	2	41	4	172	6	7110	38	4	0	-29	4	7	2	18	1	2	1
1140969	PPM	-4017	1152	1174	281	765	98	3387	95	44064	456	1139	25	38	3	61	5	293	8	14591	66	9	0	-25	5	12	2	34	1	4	1
1140970	PPM	-6292	1124	1685	298	975	105	3382	96	45867	475	1585	30	52	3	49	5	173	7	12755	58	8	0	-36	4	5	2	16	1	2	1
1140971	PPM	-5816	1168	1602	301	1019	108	3366	97	47875	498	1791	32	46	3	54	5	244	8	15088	67	8	0	-24	5	7	2	20	1	4	1
1140972	PPM	-6213	1059	1836	286	950	99	3030	89	43163	440	1308	26	39	3	43	4	165	7	8312	42	5	0	-23	4	5	2	13	1	1	1
1140973	PPM	-6688	1137	944	270	744	95	3090	91	50903	514	875	21	31	3	48	5	181	7	11326	54	7	0	-17	5	9	2	14	1	3	1
1140974	PPM	-4421	1153	1433	278	760	94	2800	86	49755	499	1216	25	35	3	39	4	184	7	7309	39	5	0	-18	4	2	2	16	1	2	1
1140975	PPM	-4922	1079	1124	259	632	83	969	52	49791	459	341	14	14	2	32	4	2002	22	20781	79	7	0	-89	4	16	2	72	2	14	1
1140976	PPM	-5628	1157	1483	290	748	97	3613	99	48693	501	941	22	34	3	59	5	188	7	10589	51	6	0	-4	5	29	2	17	1	3	1
1140977	PPM	-5034	1123	1202	271	952	101	3096	92	45526	471	1197	25	28	3	44	4	170	7	6901	38	4	0	-25	4	5	2	13	1	2	1
1140978	PPM	-4919	1081	1143	257	925	95	3042	88	45324	454	1163	24	29	3	41	4	135	6	5813	33	4	0	-20	4	3	2	10	1	2	1
1140979	PPM	-4939	1186	1262	288	783	100	4334	109	49020	506	1043	24	36	3	63	5	223	8	12396	58	8	0	-7	5	15	2	22	1	1	1
1140980	PPM	-6208	1098	1501	278	775	93	3023	90	46634	477	508	16	23	2	44	4	140	6	6773	37	4	0	-5	4	4	2	12	1	2	1
1140981	PPM	-4906	1175	910	275	944	104	3879	104	47635	497	1081	24	28	3	54	5	169	7	11230	54	7	0	-22	4	10	2	15	1	4	1
1140982	PPM	-4875	1142	1122	271	893	97	3097	89	49156	490	866	21	30	3	52	5	345	8	10829	51	6	0	-17	4	12	2	20	1	7	1
1140983	PPM	-7486	1112	1835	298	735	95	3503	97	48961	501	769	20	21	3	45	4	197	7	10334	50	6	0	-14	4	5	2	14	1	2	1
1140984	PPM	-4881	1141	1325	276	993	99	2869	88	48453	491	537	17	26	2	42	4	166	7	8598	44	6	0	-12	4	0	2	12	1	2	1
1140985	PPM	-6279	1131	1081	275	783	98	2929	90	47742	492	1088	24	35	3	47	5	230	7	10456	50	6	0	-25	4	8	2	27	1	3	1
1140986	PPM	-4419	1169	1207	278	766	97	3612	100	47593	494	1057	24	31	3	57	5	172	7	8406	43	6	0	-19	4	8	2	24	1	4	1
1140987	PPM	-1859	1182	1238	268	892	95	2884	87	47931	482	563	17	24	2	44	4	164	6	7044	38	5	0	-11	4	6	2	12	1	2	1
1140988	PPM	-4891	1107	1277	270	862	96	3467	95	45684	462	899	21	24	3	48	4	143	6	8442	43	5	0	-24	4	3	2	11	1	3	1
1140989	PPM	-3172	1252	818	282	715	100	3308	97	50057	524	1064	25	29	3	48	5	203	7	14503	66	9	0	-20	5	9	2	17	1	4	1
1140990	PPM	-7488	1120	616	266	742	98	2950	90	48034	493	1027	24	34	3	48	5	179	7	15673	69	10	0	-32	5	9	2	18	1	5	1
1140991	PPM	-4850	1236	1220	302	795	105	3422	99	50221	526	1319	28	28	3	56	5	193	7	18992	81	11	0	-41	5	12	2	19	1	5	1
1140992	PPM	-6271	1106	1695	289	957	99	3301	92	47809	478	939	22	30	3	57	5	216	7	12114	56	8	0	-7	5	11	2	16	1	3	1
1140993	PPM	-6235	1185	721	280	806	103	3657	101	49639	514	1081	25	34	3	51	5	238	8	18119	78	10	0	-33	5	11	2	22	1	5	1
1140994	PPM	-5019	1121	1571	281	945	99	3569	97	46655	475	1059	23	30	3	42	4	163	7	7136	38	5	0	-13	4	6	2	14	1	3	1
1140995	PPM	-3173	1203	1241	285	687	96	3422	96	48540	494	935	22	31	3	52	5	221	7	14623	66	9	0	-12	5	4	2	21	1	4	1
1140996	PPM	-4816	1168	1495	291	926	102	3595	100	47542	493	1096	24	32	3	48	5	207	7	9892	48	6	0	-33	4	7	2	24	1	2	1
1140997	PPM	-5544	1177	1579	298	797	100	3510	98	49456	509	981	23	35	3	55	5	253	8	13095	60	8	0	-19	5	10	2	22	1	2	1
1140998	PPM	-6456	1123	1053	272	906	99	3514	96	48600	493	980	23	36	3	48	5	228	7	11103	52	7	0	-21	4	11	2	22	1	3	1
1140999	PPM	-6468	1151	1181	285	1093	107	3741	102	48527	504	986	23	38	3	69	5	269	8	11915	56	7	0	-16	5	6	2	21	1	3	1
1141000	PPM	-6096	1193	888	280	713	99	3440	99	51182	532	981	23	32	3	49	5	250	8	12126	57	7	0	-24	5	9	2	17	1	3	1
1141001	PPM	-7824	1060	1347	274	771	94	4063	102	46667	472	835	20	36	3	55	5	175	7	8665	44	5	0	-19	4	9	2	17	1	2	1
1141002	PPM	-5775	1001	1630	256	921	88	2733	79	44551	427	804	18	24	2	37	4	114	5	3026	21	2	0	-10	4	3	2	7	1	1	1
1141003	PPM	-5227	1166	1916	301	615	92	2499	84	49988	509	717	19	25	3	56	5	166	7	9572	47	5	0	-11	4	9	2	11	1	3	1
1141004	PPM	-6279	1096	1159	271	928	98	2864	87	46176	469	750	20	29	3	39	4	132	6	10313	49	5	0	-24	4	7	2	10	1	3	1
1141005	PPM	-3932	912	1121	208	585	66	304	33	44043	376	70	6	6	1	27	3	72	4	2494	17	1	0	-73	3	32	2	1	1	3	0
1141006	PPM	-6553	1109	1160	272	657	91	2254	79	47947	489	604	18	25	2	36	4	141	6	9332	46	5	0	-3	4	5	2	14	1	3	1
1141007	PPM	-7571	1049	1242	263	728	89	2965	88	46964	473	386	14	21	2	35	4	113	6	4841	29	3	0	0	4	-1	2	9	1	0	1
1141008	PPM	-5464	1164	913	269	909	99	2616	86	50151	514	611	18	25	2	48	5	121	6	8261	42	4	0	-9	4	0	2	9	1	1	1
1141009	PPM	-6142	1133	1368	278	963	99	2684	85	50859	510	839	20	24	3	61	5	163	7	7488	39	5	0	-11	4	3	2	13	1	2	1
1141010	PPM	-4759	1180	1411	285	683	94	2663	86	50992	517	762	20	25	3	52	5	198	7	9351	46	4	0	1	4	6	2	16	1	2	1
1141011	PPM	-5294	1138	1788	295	872	99	3312	95	46472	481	719	19	27	3	49	5	170	7	8703	44	4	0	-5	4	9	2	14	1	2	1
1141012	PPM	-5475	1187	1669	305	666	98	2399	85	48182	508	724	20	35	3	64	5	204	7	12776	58	5	0	-38	4	56	2	50	2	5	1
1141014	PPM	-3814	1217	1496	294	797	100	3018	94	48793	516	610	18	29	3	71	5	157	7	8290	43	5	0	-30	4	7	2	35	1	2	1
1141015	PPM	-5096	1167	1693	299	801	100	3418	98	46952	493	920	22	35	3	55	5	206	7	9692	48	6	0	-17	4	18	2	31	1	4	1
1141016	PPM	-4803	847	1290	206	770	69	415	34	39777	339	95	6	9	1	17	3	79	4	2689	18	2	0	-65	3	91	2	23	1	4	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141017	PPM	-5605	868	1021	208	700	71	274	34	38590	348	64	6	5	1	20	3	108	5	3833	24	2	0	-81	3	63	2	68	2	4	1
1141022	PPM	-4401	1103	573	247	771	95	3604	98	42678	441	893	21	33	3	41	4	166	7	10216	50	6	0	-23	4	11	2	12	1	4	1
1141023	PPM	-5291	1124	1664	291	863	99	3400	96	44600	464	940	22	36	3	43	5	155	7	10619	52	6	0	-14	5	4	2	16	1	2	1
1141024	PPM	-6880	1092	1392	283	856	99	2498	82	46052	466	1245	26	32	3	73	5	421	9	14723	65	9	0	-23	5	21	2	48	2	4	1
1141025	PPM	-5101	1187	1459	301	739	101	3250	95	47677	495	1104	25	34	3	47	5	305	9	17437	75	11	0	-41	5	9	2	18	1	3	1
1141026	PPM	-6034	1049	1063	255	973	96	3111	88	44360	442	877	20	33	3	43	4	170	6	8493	43	6	0	-10	4	12	2	13	1	1	1
1141027	PPM	-5752	890	1037	209	656	69	425	37	43175	377	119	7	8	1	24	3	116	5	2861	20	2	0	-68	3	32	2	12	1	3	1
1141028	PPM	-3917	1058	1923	274	754	88	2840	82	43620	424	1105	22	34	3	44	4	149	6	7612	39	6	0	-15	4	6	2	11	1	2	1
1141029	PPM	-3723	916	851	200	643	68	308	34	43103	373	91	6	6	1	13	3	173	5	1825	15	0	0	-81	3	-3	2	10	1	2	1
1141030	PPM	-4654	1126	1962	289	1094	100	406	48	46766	482	210	10	17	2	71	5	205	7	3668	29	0	0	-54	4	-2	2	92	2	12	1
1141031	PPM	-5219	816	915	192	738	68	272	31	36958	319	125	7	9	1	12	3	62	4	2382	18	1	0	-75	3	-10	1	-2	1	3	0
1141032	PPM	-4779	952	1318	235	740	81	2737	78	38873	375	696	17	19	2	33	4	110	5	2531	19	2	0	-4	4	0	2	5	1	1	1
1141033	PPM	-6114	990	927	243	682	87	2885	83	39985	397	1341	25	36	3	45	4	184	7	9033	44	6	0	-20	4	7	2	28	1	2	1
1141034	PPM	-5286	1102	990	269	867	99	3130	91	42712	441	901	22	26	3	48	5	173	7	14747	66	8	0	-19	5	6	2	18	1	4	1
1141035	PPM	-5563	933	1571	243	849	83	2817	78	39291	373	881	19	26	2	42	4	127	5	4307	26	3	0	-24	4	1	2	15	1	1	1
1141036	PPM	-5304	954	1281	238	841	86	3132	84	38635	377	835	19	28	2	33	4	104	5	3342	23	2	0	-11	4	1	2	7	1	1	1
1141037	PPM	-5079	988	1282	245	688	84	2857	83	39603	393	809	19	33	2	34	4	114	6	3742	25	2	0	-11	4	3	2	6	1	1	1
1141038	PPM	-4044	1187	1330	294	671	101	3615	107	41389	465	640	20	25	3	49	5	175	7	9424	51	5	0	-20	5	3	2	15	1	2	1
1141039	PPM	-4246	1078	849	251	888	96	3607	97	40733	422	876	21	29	3	42	4	173	7	7809	41	5	0	-12	4	3	2	13	1	3	1
1141040	PPM	-4858	729	904	175	474	57	373	31	30234	259	133	7	6	1	15	3	62	4	2017	16	1	0	-75	3	-12	1	7	1	3	1
1141041	PPM	-5716	1074	901	258	878	97	3163	91	43032	441	899	21	27	3	49	5	156	7	10947	52	7	0	-28	4	-1	2	12	1	2	1
1141042	PPM	-6098	1062	798	252	872	94	2912	85	45074	447	933	21	27	3	48	4	208	7	12103	56	7	0	-30	4	9	2	21	1	2	1
1141043	PPM	-7462	1001	991	252	930	94	3416	91	42802	424	865	20	32	3	41	4	195	7	11269	54	7	0	-16	5	5	2	17	1	3	1
1141044	PPM	-3964	903	1000	216	649	74	885	46	36726	333	423	13	26	2	48	4	128	5	10422	45	6	0	-74	3	6	2	9	1	4	1
1141045	PPM	-7111	1043	859	253	602	88	3899	98	44870	448	929	21	32	3	50	4	236	7	10637	52	6	0	-14	5	24	2	20	1	9	1
1141046	PPM	-4079	1129	1261	271	919	97	4155	103	46300	466	939	22	31	3	54	5	194	7	9375	47	6	0	-18	4	13	2	25	1	4	1
1141047	PPM	-6498	1052	1218	265	692	90	4343	105	43848	443	680	18	29	3	42	4	167	7	8965	46	5	0	-9	4	9	2	17	1	2	1
1141048	PPM	-3746	1121	1215	268	883	95	3223	89	46113	456	769	19	30	3	56	5	283	8	12051	56	6	0	-6	5	12	2	18	1	2	1
1141049	PPM	-5137	950	1687	247	789	82	3002	80	39985	380	846	18	26	2	35	4	129	5	3703	24	2	0	-11	4	4	2	10	1	1	1
1141050	PPM	-2216	1093	1256	258	881	92	3535	91	42448	417	1017	22	32	3	46	4	189	7	10537	50	7	0	-16	4	4	2	19	1	3	1
1141051	PPM	-5588	1036	932	248	719	88	3097	86	43060	425	841	20	28	3	42	4	163	6	9863	48	5	0	-1	5	3	2	18	1	3	1
1141052	PPM	-5028	1055	1355	261	722	88	2773	82	44213	435	656	17	28	2	37	4	175	6	8460	43	5	0	-8	4	8	2	13	1	3	1
1141053	PPM	-4874	1000	906	236	831	88	2457	77	40076	395	725	18	20	2	31	4	153	6	6992	37	4	0	-30	4	6	2	19	1	3	1
1141054	PPM	-6096	995	1139	253	782	91	3662	95	38571	393	805	20	33	3	45	4	154	6	8680	45	5	0	-14	4	5	2	13	1	2	1
1141055	PPM	-5596	1012	1407	261	677	87	3464	92	39979	403	755	19	25	2	35	4	150	6	8172	42	5	0	-16	4	2	2	25	1	3	1
1141056	PPM	-5195	1006	1366	255	885	91	3603	92	40465	398	903	20	21	2	39	4	175	6	8687	44	5	0	-9	4	9	2	15	1	3	1
1141057	PPM	-5472	1012	1141	249	853	89	3290	87	42303	412	914	20	23	2	42	4	157	6	8676	43	5	0	-6	4	2	2	15	1	2	1
1141058	PPM	-4085	1061	1253	260	783	91	3240	89	41199	413	706	18	27	2	36	4	232	7	9745	48	6	0	-7	5	6	2	15	1	3	1
1141059	PPM	-5250	1100	1744	287	752	93	3025	89	44972	455	769	20	32	3	50	5	202	7	11084	53	8	0	-16	5	8	2	16	1	2	1
1141060	PPM	-4736	1072	958	253	823	92	3514	93	43745	436	779	19	29	3	45	4	186	7	9565	48	6	0	-7	5	10	2	14	1	1	1
1141061	PPM	-6417	1033	953	250	787	90	3173	88	44294	437	766	19	22	2	34	4	147	6	8987	45	5	0	-7	4	4	2	14	1	2	1
1141062	PPM	-5053	1023	1312	257	827	90	3024	85	40637	404	711	18	25	2	46	4	150	6	9665	48	5	0	-12	4	3	2	13	1	2	1
1141063	PPM	-5591	1055	1509	274	788	94	3461	95	41272	424	773	20	32	3	45	4	157	6	9435	48	6	0	-21	4	11	2	11	1	2	1
1141064	PPM	-4973	1021	1260	254	847	90	2944	84	40632	404	801	19	27	2	37	4	170	6	9086	46	6	0	-15	4	6	2	12	1	2	1
1141065	PPM	-6218	1067	1281	275	691	94	3151	91	42083	432	1043	23	26	3	44	5	177	7	13808	63	7	0	-21	5	10	2	14	1	2	1
1141066	PPM	-5097	966	1054	236	819	87	3105	85	37638	374	959	21	32	3	38	4	151	6	5317	31	3	0	-24	4	5	2	10	1	3	1
1141067	PPM	-5554	1077	1262	273	942	99	2958	89	41748	431	823	21	29	3	50	5	154	7	12890	60	7	0	-29	5	7	2	13	1	3	1
1141068	PPM	-5788	995	1500	263	628	86	3619	94	38499	390	800	19	29	3	45	4	172	6	9192	46	5	0	-10	4	6	2	16	1	3	1
1141069	PPM	-5241	1053	914	253	770	92	3727	96	41534	420	923	21	30	3	46	4	197	7	11042	53	5	0	-15	4	6	2	20	1	3	1
1141070	PPM	-5432	1009	1546	264	698	87	3469	91	39918	399	850	20	27	2	41	4	141	6	8673	44	5	0	-14	4	2	2	11	1	2	1
1141071	PPM	-5618	1031	833	248	704	90	3555	94	40315	410	985	22	29	3	50	4	155	6	10093	49	6	0	-17	4	4	2	13	1	2	1
1141072	PPM	-5810	1002	862	240	716	88	3204	89	39730	403	708	18	25	2	32	4	126	6	6026	34	3	0	-8	4	3	2	10	1	3	1
1141073	PPM	-6044	1009	1293	263	828	95	4030	102	38108	396	1081	23	28	3	46	4	145	6	8488	44	5	0	-20	4	2	2	15	1	2	1
1141075	PPM	-5312	1026	1380	264	686	89	2682	84	38941	401	720	19	27	3	40	4	162	6	8454	44	5	0	-16	4	9	2	13	1	3	1
1141076	PPM	-4493	1035	1074	251	663	87	3484	92	39702	400	809	20	29	3	43	4	155	6	9148	46	5	0	-7	4	10	2	13	1	3	1
1141077	PPM	-5952	1076	1419	281	806	98	3025	93	40323	432	744	20	28	3	48	5	145	7	9377	49	5	0	-17	5	3	2	17	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141078	PPM	-5339	1034	1260	258	774	90	3362	91	41244	415	722	19	22	2	48	4	148	6	8090	42	5	0	-14	4	4	2	14	1	1	1
1141079	PPM	-3600	1081	1248	263	681	90	3063	89	40180	412	890	21	26	3	60	5	178	7	10035	50	7	0	-18	5	5	2	16	1	2	1
1141080	PPM	-4528	1073	1218	264	597	88	3298	91	41927	424	993	22	24	3	50	4	194	7	10585	51	6	0	-13	4	9	2	14	1	2	1
1141081	PPM	-5199	1011	1305	255	847	90	3373	90	39982	399	704	18	23	2	31	4	135	6	8169	42	5	0	-13	4	4	2	13	1	2	1
1141082	PPM	-6700	995	1234	255	789	90	3238	89	41131	411	796	19	25	2	34	4	145	6	8113	42	5	0	-17	4	4	2	14	1	3	1
1141083	PPM	-5532	1032	1966	281	690	88	3270	90	41599	416	688	18	24	2	28	4	180	7	8767	44	6	0	-14	4	5	2	13	1	2	1
1141084	PPM	-5746	1040	1031	255	793	92	3781	96	42047	421	1018	22	34	3	45	4	169	6	10663	51	5	0	-14	4	3	2	18	1	2	1
1141085	PPM	-5577	1004	1364	252	728	85	2808	81	42432	412	682	17	27	2	43	4	137	6	7321	39	4	0	-16	4	5	2	11	1	1	1
1141086	PPM	-5676	1031	1051	255	770	92	3247	91	40165	410	875	21	28	3	42	4	173	7	9414	47	5	0	-12	4	6	2	16	1	2	1
1141087	PPM	-3742	1061	1037	249	724	88	3134	87	42095	417	795	19	30	3	36	4	175	6	9222	46	6	0	-11	4	5	2	14	1	2	1
1141088	PPM	-5603	1028	1526	266	810	91	3218	89	41826	417	886	20	31	3	47	4	159	6	8641	43	5	0	-11	4	4	2	16	1	4	1
1141089	PPM	-4808	981	1021	235	913	89	3339	87	39456	386	853	19	22	2	24	4	136	6	5178	30	4	0	-13	4	8	2	9	1	2	1
1141090	PPM	-3872	1092	943	259	825	96	3165	91	40528	418	815	21	29	3	42	4	147	6	12288	58	7	0	-23	5	5	2	14	1	4	1
1141091	PPM	-4955	1042	1302	259	701	88	2869	84	41618	416	553	16	25	2	46	4	195	7	8851	45	5	0	-7	4	7	2	14	1	2	1
1141092	PPM	-6922	1009	1753	275	759	90	3190	89	41887	421	709	18	29	3	44	4	203	7	8762	44	5	0	-16	4	3	2	14	1	2	1
1141093	PPM	-6408	1060	853	257	683	92	2868	86	43422	440	883	21	26	3	45	4	195	7	12594	58	7	0	-16	5	4	2	20	1	3	1
1141094	PPM	-5874	1036	1177	262	815	94	3498	94	40494	414	809	20	32	3	44	4	174	7	10198	50	5	0	-11	4	6	2	15	1	1	1
1141151	PPM	-6586	1085	1118	274	593	92	3335	94	43930	452	1033	23	32	3	43	5	174	7	14081	64	9	0	-37	4	5	2	16	1	1	1
1141152	PPM	-5079	1066	953	252	844	93	3920	99	43317	436	780	19	30	3	42	4	298	8	7909	42	5	0	-13	4	4	2	18	1	1	1
1141153	PPM	-4720	1193	944	287	937	106	3250	96	46524	487	1061	25	35	3	49	5	234	8	19457	83	12	0	-47	5	11	2	22	1	3	1
1141154	PPM	-4919	1111	1456	280	949	99	3663	97	44625	454	856	21	32	3	44	5	194	7	12564	59	8	0	-16	5	13	2	15	1	4	1
1141155	PPM	-4892	733	924	173	641	59	399	29	34090	274	144	7	6	1	12	3	60	4	2853	18	1	0	-64	3	10	2	7	1	4	0
1141156	PPM	-5792	744	1096	186	570	60	409	31	34054	284	147	7	9	1	20	3	61	4	3084	19	1	0	-65	3	18	2	5	1	4	0
1141157	PPM	-6115	1026	1249	256	791	89	2946	85	43685	431	639	17	26	2	44	4	156	6	7360	39	5	0	-18	4	11	2	16	1	3	1
1141158	PPM	-6382	1069	1028	265	826	96	3468	94	43904	445	955	22	36	3	45	5	179	7	12597	59	8	0	-26	5	9	2	16	1	3	1
1141159	PPM	-6646	1097	866	268	707	95	3364	94	45164	462	948	23	25	3	47	5	175	7	14892	67	9	0	-24	5	5	2	15	1	2	1
1141160	PPM	-5125	1133	1570	289	636	93	3327	94	46236	472	938	22	36	3	56	5	239	8	12566	59	8	0	-7	5	18	2	25	1	4	1
1141161	PPM	-4745	1113	902	260	925	98	3351	93	45503	460	868	21	30	3	48	5	210	7	10929	53	7	0	-10	5	10	2	18	1	4	1
1141162	PPM	-3937	1008	1301	246	758	85	2972	84	39051	388	619	16	21	2	28	4	114	6	4302	28	3	0	-9	4	3	2	6	1	1	1
1141163	PPM	-5239	1036	1249	254	839	89	2950	83	44259	430	594	16	25	2	25	4	180	6	7893	41	4	0	-11	4	7	2	9	1	1	1
1141164	PPM	-6357	1002	1168	249	844	90	2513	78	42677	420	1107	23	31	3	46	4	142	6	6573	35	4	0	-33	4	8	2	9	1	1	1
1141165	PPM	-5061	888	1134	207	709	68	252	32	43946	375	81	6	5	1	18	3	116	5	2009	16	0	0	-70	3	-7	2	16	1	3	1
1141166	PPM	-5634	937	1056	217	719	73	417	38	46742	409	153	8	6	1	18	3	189	6	3410	23	1	0	-81	3	-8	2	19	1	4	1
1141167	PPM	-4116	685	954	163	505	52	285	26	29116	235	87	5	3	1	10	2	61	4	1046	10	0	0	-75	3	-11	1	6	1	2	0
1141202	PPM	-6657	997	1138	245	843	88	2503	78	43667	429	738	18	27	2	27	4	103	5	4443	28	2	0	-16	4	5	2	9	1	2	1
1141203	PPM	-4816	957	1330	233	700	77	309	39	41048	389	119	7	11	1	39	4	131	5	2008	18	0	0	-63	3	-7	2	42	1	11	1
1141204	PPM	-5640	655	731	158	578	55	413	29	28108	232	89	5	5	1	10	2	63	4	1398	12	0	0	-76	3	-12	1	13	1	5	1
1141205	PPM	-6324	937	1353	239	791	83	2940	81	40532	388	729	17	22	2	50	4	113	5	3174	22	2	0	-16	4	-1	2	6	1	1	1
1141206	PPM	-4954	770	917	184	563	62	302	32	31575	281	101	6	7	1	15	3	81	4	1384	14	0	0	-76	3	-6	2	13	1	4	1
1141207	PPM	-4632	1618	1477	387	910	143	261	79	54143	749	127	12	15	2	75	7	202	10	3078	37	1	0	-49	6	-4	3	15	2	3	1
1141208	PPM	-3007	1436	1343	328	1232	128	261	62	52793	638	194	12	18	2	82	6	199	8	3017	31	0	0	-49	5	-4	3	26	2	4	1
1141209	PPM	-4389	791	875	185	576	63	307	32	32314	287	92	6	6	1	24	3	85	4	1495	14	1	0	-77	3	-7	1	9	1	3	1
1141210	PPM	-3804	1461	2058	355	1044	120	90	56	59711	697	113	9	18	2	62	5	209	8	2154	24	1	0	-59	5	-5	2	21	2	4	1
1141211	PPM	-4944	882	903	203	661	70	276	34	39140	352	90	6	7	1	27	3	105	5	2581	20	1	0	-76	3	-7	2	20	1	4	1
1141212	PPM	-6131	980	809	237	618	80	475	42	43320	400	189	12	20	2	34	4	165	6	21369	80	11	0	-119	3	-2	2	2	1	6	1
1141213	PPM	-7436	1131	1418	289	508	90	975	61	49097	511	565	18	30	3	62	5	144	7	11790	56	6	0	-32	4	4	2	19	1	4	1
1141214	PPM	-4526	1161	1070	267	705	94	1366	69	47079	499	653	18	19	2	45	4	128	6	3074	23	2	0	-44	4	-3	2	7	1	3	1
1141215	PPM	-3806	1381	1618	322	1160	116	242	55	58012	650	138	10	16	2	66	5	219	8	2389	24	1	0	-64	4	-9	2	35	2	5	1
1141216	PPM	-4893	1019	1052	239	666	83	245	42	41246	416	131	8	9	2	50	4	131	6	2842	24	1	0	-70	4	-1	2	31	1	6	1
1141217	PPM	-5456	941	878	219	670	78	329	40	38948	380	115	7	11	2	30	4	114	5	1778	18	0	0	-74	3	-12	2	30	1	5	1
1141218	PPM	-4993	1004	1736	260	695	83	257	42	40139	405	169	9	12	2	43	4	144	6	1564	17	0	0	-73	4	-10	2	23	1	4	1
1141219	PPM	-5496	992	582	219	683	83	292	43	40106	407	151	9	12	2	39	4	130	6	1725	17	0	0	-71	3	-9	2	18	1	3	1
1141220	PPM	-3468	915	1241	220	658	74	143	34	34894	336	64	6	8	1	27	3	95	5	1188	13	0	0	-77	3	-10	2	8	1	5	1
1141221	PPM	-2348	1864	2335	435	1351	152	208	74	77695	997	167	12	19	3	102	7	272	10	2075	27	0	0	-48	6	-3	3	105	3	4	1
1141222	PPM	-4354	939	812	210	658	74	222	36	39670	374	99	7	8	1	36	3	104	5	1578	15	0	0	-79	3	-10	2	30	1	3	1
1141223	PPM	-5184	739	495	163	652	61	224	28	32286	274	78	5	8	1	17	3	76	4	1400	13	0	0	-75	3	-10	1	21	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141224	PPM	-4405	953	1363	230	754	77	377	39	41404	386	121	7	9	1	35	3	123	5	1638	16	0	0	-66	3	-7	2	12	1	2	1
1141225	PPM	-6184	1069	978	257	847	95	3364	93	44874	455	903	21	30	3	54	5	178	7	7757	40	5	0	0	4	3	2	20	1	2	1
1141226	PPM	-4695	1008	1198	244	860	89	298	44	38479	397	103	8	9	2	40	4	120	6	2226	20	1	0	-74	4	-10	2	28	1	6	1
1141227	PPM	-5602	680	885	170	586	59	270	28	27564	238	106	6	4	1	16	3	65	4	1348	12	0	0	-79	3	-9	1	10	1	3	1
1141228	PPM	-5179	860	692	197	585	71	254	36	34251	327	97	7	9	1	25	3	101	5	1375	14	0	0	-76	3	-10	2	16	1	4	1
1141229	PPM	-4344	1567	1733	361	1034	124	191	61	69085	810	171	11	27	2	96	6	238	9	1792	23	0	0	-50	5	-1	3	19	2	3	1
1141230	PPM	-3611	928	954	212	643	74	271	37	36501	349	113	7	9	1	37	4	96	5	1574	15	0	0	-65	3	-11	2	21	1	5	1
1141231	PPM	-7015	797	1044	207	623	72	344	38	31810	309	114	7	8	1	23	3	85	5	1072	13	0	0	-74	3	-13	2	16	1	5	1
1141232	PPM	-4549	1021	1031	234	739	82	266	41	43220	423	83	7	6	1	36	4	141	6	2188	20	0	0	-68	4	-4	2	71	2	8	1
1141233	PPM	-5468	1214	1197	286	900	104	519	57	49296	543	186	11	17	2	60	5	214	8	2694	26	0	0	-71	4	-6	2	47	2	4	1
1141234	PPM	-5563	781	1198	198	743	68	233	31	33122	295	82	6	4	1	16	3	83	4	1238	13	0	0	-80	3	-12	1	17	1	2	1
1141235	PPM	-4344	1297	2081	323	1042	108	261	52	55309	600	151	10	17	2	69	5	187	7	2141	22	0	0	-63	4	-9	2	24	1	3	1
1141236	PPM	-4365	979	1452	239	767	79	277	38	42480	400	139	8	9	1	27	3	113	5	3159	23	2	0	-73	3	-4	2	33	1	4	1
1141237	PPM	-4981	1174	1576	293	1164	107	1835	75	48868	506	901	22	30	3	56	5	176	7	9711	49	7	0	-41	4	4	2	20	1	4	1
1141238	PPM	-6401	1127	1614	293	903	101	2727	87	47650	488	1170	25	46	3	51	5	178	7	11651	55	6	0	-34	4	4	2	10	1	4	1
1141239	PPM	-5487	696	591	172	594	62	278	28	26560	229	154	9	31	2	48	3	78	4	12411	48	6	0	-94	3	-4	1	1	1	22	1
1141240	PPM	-4052	846	818	192	591	66	298	33	35178	315	98	6	7	1	23	3	86	4	2671	20	1	0	-77	3	-7	2	4	1	5	1
1141241	PPM	-6445	786	1159	202	687	69	288	33	33865	306	74	6	6	1	22	3	100	5	2166	18	0	0	-76	3	-10	2	17	1	4	1
1141242	PPM	-4191	884	980	205	753	73	318	36	36452	337	82	6	6	1	25	3	93	5	1541	16	0	0	-76	3	-9	2	13	1	5	1
1141243	PPM	-3908	697	708	159	616	57	295	27	27690	233	78	5	3	1	17	3	62	4	1492	13	0	0	-81	3	-11	1	1	1	3	0
1141244	PPM	-5252	642	552	149	597	55	316	27	26076	218	97	6	4	1	9	2	65	4	1508	13	0	0	-76	3	-10	1	2	1	3	0
1141245	PPM	-5258	721	943	176	639	60	279	28	30860	262	88	6	7	1	29	3	79	4	1647	14	0	0	-84	3	-10	1	10	1	2	1
1141246	PPM	-5271	717	977	175	691	61	412	31	31376	263	86	5	5	1	19	3	71	4	959	11	0	0	-78	3	-12	1	0	1	2	0
1141247	PPM	-4279	722	927	172	612	59	354	30	29406	251	103	6	6	1	11	3	57	4	834	10	0	0	-72	3	-10	1	3	1	3	0
1141248	PPM	-4573	768	961	180	519	58	373	31	34070	287	93	6	4	1	11	3	60	4	1101	11	0	0	-70	3	-11	1	3	1	4	1
1141249	PPM	-3786	781	1076	182	585	59	400	31	35343	290	103	6	5	1	22	3	84	4	1264	12	0	0	-71	3	-6	1	13	1	4	1
1141250	PPM	-4901	719	832	167	521	55	335	28	32893	267	79	5	5	1	10	2	52	4	1342	12	0	0	-80	3	-10	1	3	1	3	0
1141251	PPM	-5723	1031	1272	259	775	90	3049	87	42116	422	614	17	20	2	36	4	120	6	8141	42	4	0	-15	4	2	2	10	1	2	1
1141252	PPM	-5979	1031	1425	266	713	89	2974	86	41771	421	770	19	28	3	34	4	140	6	9031	45	5	0	-8	4	6	2	9	1	1	1
1141353	PPM	-5581	1045	773	245	838	92	3379	91	43282	430	1000	22	32	3	39	4	149	6	9873	48	6	0	-14	4	9	2	11	1	1	1
1141354	PPM	-5215	936	1275	233	828	83	3196	84	38326	370	788	18	24	2	39	4	99	5	2088	17	1	0	-14	4	0	2	9	1	2	1
1141355	PPM	-4363	1065	1248	257	724	87	3011	84	44842	435	877	20	24	2	33	4	135	6	9644	47	6	0	-18	4	2	2	10	1	1	1
1141356	PPM	-5967	1022	939	246	913	92	3316	89	43008	425	598	17	28	2	36	4	136	6	8267	42	4	0	-7	4	0	2	11	1	1	1
1141357	PPM	-5173	1025	1284	253	780	87	2927	83	42876	420	466	15	24	2	32	4	118	6	7665	40	5	0	-11	4	3	2	9	1	3	1
1141358	PPM	-5015	1024	745	230	789	85	2722	79	44993	430	738	18	23	2	46	4	136	6	5456	31	4	0	-6	4	0	2	14	1	2	1
1141359	PPM	-3603	1094	1433	268	801	91	2704	81	44684	438	860	20	32	3	34	4	137	6	11053	52	6	0	-16	4	2	2	12	1	2	1
1141360	PPM	-5276	1082	1545	276	894	95	3001	87	45025	448	756	19	29	3	53	5	143	6	11143	52	6	0	-10	4	5	2	12	1	3	1
1141361	PPM	-5089	1101	1207	269	757	93	2918	86	45655	458	807	20	23	3	45	4	180	7	11302	53	6	0	-17	4	6	2	15	1	2	1
1141362	PPM	-5654	1031	1108	248	827	88	2874	82	45177	437	761	18	24	2	38	4	130	6	6914	37	4	0	-17	4	6	2	10	1	2	1
1141364	PPM	-5643	1063	933	253	945	95	3101	88	44703	444	786	19	26	3	35	4	150	6	9958	48	5	0	-23	4	1	2	13	1	3	1
1141365	PPM	-6180	1082	894	255	909	95	2795	84	47915	472	901	21	22	3	42	4	156	6	10026	48	6	0	-28	4	3	2	13	1	2	1
1141366	PPM	-4157	1105	1066	258	662	88	3289	90	46529	458	902	21	26	3	42	4	149	6	10000	48	5	0	-18	4	3	2	11	1	2	1
1141367	PPM	-4977	1028	1425	251	880	87	2698	79	45782	436	693	17	26	2	26	4	128	6	5012	30	3	0	-15	4	1	2	7	1	2	1
1141368	PPM	-4775	1042	1286	251	858	88	2456	76	45764	437	692	17	22	2	35	4	131	6	7164	37	4	0	-13	4	0	2	9	1	1	1
1141369	PPM	-5941	1015	1324	250	815	86	2656	78	45964	438	662	17	27	2	31	4	119	5	5283	30	3	0	-21	4	-1	2	7	1	2	1
1141370	PPM	-3864	990	921	222	933	84	3167	83	42680	402	568	15	21	2	20	3	94	5	1440	14	1	0	-6	4	0	2	2	1	0	1
1141371	PPM	-5343	955	1055	224	687	78	2467	73	42925	400	730	17	25	2	27	3	95	5	1551	15	1	0	-19	4	-1	2	4	1	1	1
1141372	PPM	-5753	1091	1173	266	847	94	3123	88	47516	468	817	20	28	3	51	4	160	6	11406	54	6	0	-22	4	2	2	15	1	3	1
1141373	PPM	-3988	1187	1095	277	705	95	3194	93	49511	504	970	23	26	3	50	5	156	7	11390	53	6	0	-19	4	4	2	14	1	3	1
1141374	PPM	-5055	1161	1512	289	896	100	3422	97	48609	499	996	23	27	3	42	4	151	7	9023	45	4	0	-23	4	4	2	10	1	2	1
1141375	PPM	-6904	1151	744	268	593	93	3382	97	50679	521	871	22	28	3	53	5	168	7	11140	53	5	0	-11	4	1	2	13	1	2	1
1141378	PPM	-6116	1115	1524	284	777	95	3397	95	47296	483	823	20	30	3	39	4	165	7	9305	46	5	0	-18	4	4	2	11	1	2	1
1141379	PPM	-5558	1124	1188	274	689	93	3004	89	47174	479	849	21	28	3	44	4	163	7	10607	51	6	0	-24	4	3	2	12	1	2	1
1141380	PPM	-6998	1079	1419	273	852	94	2790	85	48413	482	615	17	29	2	54	4	150	6	8011	41	5	0	-10	4	8	2	10	1	1	1
1141401	PPM	-6271	953	1036	219	609	70	351	36	51154	437	97	7	6	1	14	3	252	6	3719	22	2	0	-82	3	-1	2	11	1	4	0
1141402	PPM	-6754	918	1492	230	580	69	327	35	47722	412	64	6	2	1	14	3	224	6	4297	25	2	0	-84	3	-5	1	10	1	4	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141403	PPM	-4787	939	1118	220	521	69	256	35	42632	387	71	6	5	1	17	3	191	6	3024	21	2	0	-78	3	3	2	6	1	4	1
1141404	PPM	-5052	929	1375	224	638	69	285	33	46895	398	82	7	4	1	14	3	434	8	6011	31	3	0	-81	3	-1	2	30	1	5	1
1141405	PPM	-5944	934	1459	228	707	71	303	34	49237	417	85	7	6	1	16	3	310	7	5285	28	2	0	-83	3	11	2	23	1	5	1
1141406	PPM	-5213	952	1013	219	527	69	303	36	45596	407	85	7	3	1	16	3	230	6	4803	27	3	0	-80	3	8	2	21	1	5	1
1141407	PPM	-4379	1020	1126	229	644	72	243	34	54073	464	110	7	6	1	19	3	280	7	5640	30	2	0	-79	3	10	2	17	1	3	1
1141408	PPM	-4850	1107	1060	258	862	93	3350	90	49345	479	1037	22	31	3	46	4	170	6	8949	44	6	0	-31	4	8	2	23	1	5	1
1141409	PPM	-4502	1186	1570	296	915	101	2921	88	50265	506	1225	26	31	3	52	5	178	7	15195	67	9	0	-37	4	19	2	21	1	4	1
1141410	PPM	-3705	1088	1588	264	861	89	2896	82	47647	457	908	20	29	2	38	4	156	6	5290	31	3	0	-15	4	3	2	14	1	2	1
1141411	PPM	-7665	1152	1029	283	670	98	2728	88	51485	527	1632	30	44	3	51	5	189	7	13945	63	9	0	-44	4	11	2	20	1	3	1
1141412	PPM	-3430	1251	1102	287	941	104	3379	97	52695	543	1023	24	31	3	49	5	252	8	11608	55	7	0	-23	4	5	2	24	1	4	1
1141413	PPM	-3640	1410	903	327	847	117	3041	100	56637	619	1408	31	36	4	61	6	450	11	26319	110	16	1	-53	5	54	3	50	2	7	1
1141414	PPM	-7579	1265	1009	315	968	114	3562	104	54335	578	1242	28	42	4	60	6	266	9	23837	99	14	1	-48	5	23	2	27	1	8	1
1141415	PPM	-7846	1176	1061	291	854	104	2688	88	52339	542	1035	24	36	3	56	5	245	8	15063	67	10	0	-36	5	11	2	25	1	3	1
1141416	PPM	-5522	1137	1265	279	862	99	2581	82	49412	492	1730	30	37	3	41	5	160	7	12685	58	8	0	-48	4	11	2	23	1	6	1
1141417	PPM	-6246	1145	1189	282	785	99	2029	76	49303	501	1697	31	45	3	42	5	228	7	13577	60	8	0	-56	4	8	2	59	2	5	1
1141418	PPM	-4926	1270	964	295	866	105	3157	95	55237	570	1037	24	36	3	54	5	196	7	16976	74	10	0	-17	5	12	2	26	1	3	1
1141419	PPM	-5470	1045	1258	254	808	89	3073	85	45905	444	929	20	26	2	43	4	104	5	6751	36	5	0	-16	4	1	2	10	1	3	1
1141420	PPM	-5222	1083	1404	250	703	77	356	39	59463	521	114	8	5	1	17	3	661	10	5939	33	2	0	-79	3	7	2	18	1	3	1
1141421	PPM	-5487	940	924	210	591	66	290	33	52175	427	85	7	3	1	10	3	490	8	5796	29	2	0	-80	3	-4	1	17	1	4	1
1141422	PPM	-6222	929	1236	225	642	71	242	34	46417	407	46	6	4	1	13	3	686	10	5304	29	3	0	-85	3	1	2	33	1	4	1
1141423	PPM	-7012	1055	1214	253	659	82	224	40	51973	493	94	8	7	2	30	4	721	11	5591	33	2	0	-83	3	2	2	18	1	5	1
1141424	PPM	-2322	1732	2460	401	864	120	573	67	86983	966	211	13	16	2	61	5	1318	21	8392	53	2	0	-71	4	0	2	32	2	5	1
1141425	PPM	-4483	972	991	218	737	73	289	34	49970	425	63	7	6	1	18	3	1053	13	5711	29	2	0	-77	3	8	2	43	1	5	1
1141426	PPM	-5926	919	1081	214	567	67	306	34	47393	407	91	6	4	1	14	3	342	7	2752	19	1	0	-80	3	-9	1	20	1	4	1
1141427	PPM	-4469	1311	1785	304	724	92	336	48	67446	665	147	9	7	2	30	4	464	10	4399	32	1	0	-74	4	-4	2	27	1	2	1
1141428	PPM	-4815	1023	1321	243	645	77	317	39	47827	442	127	8	7	2	20	3	706	11	5305	31	2	0	-88	3	-9	2	21	1	5	1
1141429	PPM	-5754	881	1210	210	687	67	258	31	46098	381	84	6	3	1	15	3	680	10	4696	26	2	0	-84	3	-9	1	18	1	5	1
1141430	PPM	-4803	903	994	205	577	65	310	32	46953	387	116	7	4	1	19	3	545	8	4388	25	1	0	-76	3	-1	2	7	1	8	1
1141431	PPM	-3239	1209	1271	283	728	96	3210	94	49457	508	766	20	31	3	44	5	199	7	9831	48	6	0	-14	4	15	2	14	1	3	1
1141432	PPM	-5161	1231	1658	315	793	105	3773	104	49830	525	1226	27	33	3	69	5	271	8	16865	74	11	0	-20	5	26	2	27	1	7	1
1141433	PPM	-7207	1147	1355	295	671	98	3856	103	48670	505	1065	24	34	3	56	5	192	7	14474	65	9	0	-22	5	7	2	19	1	3	1
1141434	PPM	-5295	1431	682	333	688	113	580	60	61041	657	308	18	28	3	56	6	6696	73	40077	157	12	1	78	6	444	5	33	2	104	1
1141451	PPM	-3582	1178	900	269	909	101	3151	94	46349	482	883	22	31	3	52	5	211	7	10872	52	5	0	-20	4	0	2	14	1	2	1
1141452	PPM	-6036	1113	1443	281	814	96	3312	94	47097	480	807	20	27	3	44	4	191	7	9537	47	6	0	-12	4	7	2	17	1	1	1
1141453	PPM	-5620	1114	1574	282	622	90	3292	93	47459	479	805	20	26	3	44	4	177	7	8945	44	4	0	-10	4	9	2	11	1	2	1
1141454	PPM	-6547	1082	1730	283	536	86	2412	80	47215	473	696	18	26	2	36	4	170	7	8659	43	6	0	-19	4	4	2	13	1	1	1
1141455	PPM	-7019	1089	1135	269	865	96	2868	87	47777	483	840	21	24	3	54	5	182	7	8871	44	5	0	-9	4	6	2	13	1	2	1
1141456	PPM	-6117	1109	1003	268	756	95	3070	91	45984	474	786	20	30	3	48	5	188	7	9771	48	5	0	-19	4	4	2	14	1	3	1
1141457	PPM	-7231	1096	1139	275	713	95	3605	99	46573	480	953	22	32	3	52	5	185	7	10519	50	6	0	-21	4	4	2	13	1	3	1
1141458	PPM	-6848	1075	1308	275	735	94	3597	98	44714	461	834	21	31	3	50	5	172	7	8821	44	5	0	-14	4	3	2	10	1	2	1
1141459	PPM	-7054	1045	1002	259	886	96	2794	85	44047	447	829	20	25	3	49	4	178	7	9201	46	5	0	-11	4	7	2	12	1	2	1
1141460	PPM	-4799	1106	1001	261	955	98	2929	87	45295	458	824	20	30	3	54	5	188	7	9953	48	6	0	-9	4	7	2	14	1	3	1
1141461	PPM	-4247	1142	963	265	677	93	3268	93	46145	471	931	22	29	3	41	4	191	7	10293	50	5	0	-9	4	8	2	14	1	2	1
1141462	PPM	-3738	1157	1009	270	866	99	3895	102	45346	469	969	23	34	3	49	5	201	7	10344	50	6	0	-7	4	7	2	12	1	2	1
1141463	PPM	-7736	1065	1261	274	810	96	2803	87	45686	469	798	20	30	3	58	5	198	7	9962	49	5	0	-8	4	3	2	13	1	3	1
1141464	PPM	-5379	1113	1469	281	943	100	3216	93	45248	465	908	22	29	3	51	5	163	7	9690	48	5	0	-14	4	1	2	15	1	3	1
1141465	PPM	-3028	1175	1259	278	819	98	2664	86	45865	474	922	22	24	3	60	5	185	7	10316	50	6	0	-17	4	4	2	12	1	3	1
1141466	PPM	-6718	1074	1083	264	803	94	2539	82	45981	465	775	20	21	2	48	4	185	7	9224	45	5	0	-11	4	1	2	12	1	2	1
1141467	PPM	-6335	1080	1419	276	816	95	3119	90	45448	459	945	22	33	3	52	5	192	7	10273	49	5	0	-15	4	5	2	13	1	3	1
1141468	PPM	-8100	1015	1531	273	646	88	3537	93	44807	445	882	21	31	3	46	4	181	7	9948	48	5	0	-15	4	5	2	12	1	2	1
1141469	PPM	-5701	1097	1329	276	777	95	3072	91	44382	457	880	21	29	3	50	5	171	7	9757	48	5	0	-14	4	2	2	14	1	4	1
1141470	PPM	-6498	1077	1569	279	596	88	2990	88	46194	465	778	20	28	3	48	4	164	6	9085	45	5	0	-17	4	3	2	12	1	3	1
1141471	PPM	-6350	1074	1558	282	902	98	3100	90	43851	449	825	21	26	3	47	5	181	7	10449	50	6	0	-7	4	3	2	14	1	2	1
1141472	PPM	-4786	1143	1605	290	905	100	2943	91	45340	473	764	20	25	3	47	5	155	7	9750	48	5	0	-12	4	3	2	13	1	3	1
1141501	PPM	-4206	1114	1085	261	543	86	2673	82	46976	463	827	20	29	3	52	4	281	8	10454	49	6	0	-31	4	3	2	16	1	2	1
1141502	PPM	-4992	1130	1129	272	797	98	1680	71	46180	472	1994	34	45	3	53	5	188	7	10727	51	6	0	-36	4	16	2	26	1	6	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141503	PPM	-6293	1173	1169	294	788	103	3236	96	47728	501	941	23	32	3	55	5	157	7	16752	73	9	0	-35	5	4	2	13	1	4	1
1141504	PPM	-5369	972	1358	245	843	87	3080	85	39444	389	903	20	23	2	38	4	112	5	3541	24	2	0	-12	4	1	2	4	1	2	1
1141505	PPM	-6258	769	1095	187	716	63	294	29	38719	316	66	5	3	1	8	2	58	4	1265	12	0	0	-78	3	-7	1	-3	1	2	0
1141506	PPM	-4862	1104	1049	260	734	91	3155	90	46228	464	769	19	28	3	46	4	173	7	9127	45	6	0	-10	4	5	2	15	1	3	1
1141508	PPM	-6424	1204	1410	301	723	100	3482	100	52474	545	1145	25	34	3	60	5	268	8	14415	66	7	0	-9	5	11	2	19	1	2	1
1141509	PPM	-5471	1131	1442	281	957	100	3349	95	47612	487	759	20	21	2	45	4	204	7	8197	42	4	0	-4	4	6	2	10	1	3	1
1141510	PPM	-5948	1061	1423	266	787	89	3275	89	46676	457	631	17	29	2	55	4	198	7	8294	43	4	0	0	4	6	2	13	1	4	1
1141511	PPM	-6628	1083	982	262	890	96	3077	89	46874	472	824	20	30	3	42	4	185	7	9272	45	5	0	-23	4	4	2	17	1	4	1
1141512	PPM	-6457	1033	1789	272	693	86	3205	88	45730	449	754	18	28	2	37	4	138	6	4858	29	3	0	-5	4	2	2	7	1	2	1
1141513	PPM	-6064	1089	1361	272	923	96	3175	90	47041	471	813	20	26	3	43	4	147	6	8544	43	5	0	-17	4	3	2	11	1	2	1
1141514	PPM	-1552	1124	1767	273	859	91	3454	91	45107	441	909	20	27	2	42	4	155	6	6866	37	4	0	-17	4	3	2	11	1	3	1
1141516	PPM	-6718	993	1569	261	799	87	2609	79	43232	420	641	17	24	2	35	4	283	7	7653	38	4	0	-48	4	-5	2	31	1	3	1
1141517	PPM	-3478	1065	917	241	977	92	3123	86	44219	430	798	19	28	2	40	4	153	6	6746	36	4	0	-30	4	0	2	15	1	2	1
1141518	PPM	-5674	1057	1324	263	871	93	4038	100	44515	444	860	20	29	3	39	4	163	6	7510	40	5	0	-20	4	5	2	16	1	3	1
1141519	PPM	-3908	1082	1423	262	849	92	3731	96	43935	441	906	20	29	2	36	4	133	6	3918	26	2	0	-15	4	2	2	9	1	2	1
1141520	PPM	-6410	987	1558	262	543	83	3231	90	39629	402	871	20	24	2	34	4	166	6	5201	30	3	0	-32	4	1	2	19	1	3	1
1141521	PPM	-6685	1065	1175	271	545	90	3779	100	42796	443	1079	24	28	3	49	5	156	7	11068	53	6	0	-25	4	3	2	14	1	3	1
1141522	PPM	-7288	1107	917	270	323	86	3041	94	45843	484	817	21	24	3	52	5	206	7	8956	46	5	0	-13	4	5	2	14	1	1	1
1141523	PPM	-5817	972	788	231	654	85	3016	87	37811	385	677	18	21	2	33	4	117	6	4437	27	2	0	-17	4	6	2	8	1	2	1
1141524	PPM	-6238	1048	1546	276	729	92	2893	88	41362	429	591	17	23	2	40	4	166	7	8346	43	5	0	-7	4	8	2	14	1	2	1
1141525	PPM	-4847	1078	1643	280	585	89	2745	86	41217	426	722	19	23	2	36	4	129	6	9139	45	4	0	-17	4	1	2	14	1	4	1
1141526	PPM	-6293	1082	1120	272	598	92	2779	88	42608	445	748	20	30	3	41	5	168	7	11116	53	5	0	-9	4	4	2	16	1	4	1
1141527	PPM	-4009	1091	1296	265	693	90	3093	89	42510	433	584	17	30	2	45	4	161	6	8451	44	4	0	-3	4	4	2	13	1	1	1
1141528	PPM	-5963	1078	845	262	585	92	3876	101	42081	436	1022	23	37	3	55	5	241	8	13035	60	8	0	-20	5	11	2	24	1	3	1
1141529	PPM	-2683	1122	1325	268	616	88	3140	90	42721	435	767	19	26	3	48	4	169	7	8768	45	5	0	-13	4	8	2	15	1	1	1
1141530	PPM	-4728	1119	747	255	775	95	3029	91	44703	462	625	18	27	3	50	5	172	7	9059	46	5	0	-4	4	7	2	19	1	4	1
1141531	PPM	-6887	1114	1470	291	863	102	3316	97	45024	476	834	21	28	3	62	5	213	7	11220	55	7	0	-14	5	12	2	22	1	3	1
1141532	PPM	-6699	1129	1631	301	506	95	4548	114	44360	474	1075	25	31	3	49	5	222	8	12256	58	7	0	-2	5	9	2	23	1	3	1
1141533	PPM	-3697	935	820	222	679	81	1639	63	32546	323	535	16	17	2	33	4	149	6	10447	47	5	0	-73	3	8	2	46	1	6	1
1141534	PPM	-3899	1033	1379	256	584	84	3280	90	38899	395	943	21	29	3	41	4	146	6	5397	31	3	0	-22	4	2	2	8	1	4	1
1141535	PPM	-4434	1124	1244	278	544	93	3181	97	40148	438	690	20	27	3	48	5	169	7	8618	45	5	0	-31	4	3	2	18	1	3	1
1141536	PPM	-6665	1081	1164	278	544	93	3016	91	42179	441	1085	24	30	3	49	5	185	7	14856	66	10	0	-25	5	11	2	23	1	4	1
1141537	PPM	-5146	1063	1004	256	487	85	3025	89	41388	426	708	19	24	2	35	4	175	7	8617	44	5	0	-14	4	4	2	13	1	3	1
1141538	PPM	-5661	1077	994	262	523	88	3053	90	42342	438	772	20	30	3	42	4	175	7	10858	52	6	0	-16	4	7	2	15	1	3	1
1141539	PPM	-5151	1021	1420	261	784	90	3353	91	39993	402	896	21	25	3	43	4	151	6	8395	43	5	0	-21	4	3	2	13	1	3	1
1141540	PPM	-4865	1037	1193	257	539	86	3794	97	39812	405	1097	23	33	3	39	4	148	6	8188	42	5	0	-13	4	7	2	13	1	2	1
1141541	PPM	-4169	1130	1178	274	697	96	3403	99	41326	443	759	20	25	3	50	5	171	7	8565	44	4	0	-18	4	4	2	10	1	2	1
1141542	PPM	-6040	1052	1703	282	686	92	3580	98	40905	427	538	17	29	2	51	5	189	7	7930	42	5	0	-11	4	7	2	17	1	4	1
1141543	PPM	-4826	974	1191	240	527	80	3054	86	36847	373	724	18	23	2	38	4	106	6	3608	24	3	0	-24	4	-1	2	6	1	2	1
1141544	PPM	-5382	1102	1510	287	546	92	3179	93	41938	439	946	23	29	3	55	5	181	7	13186	60	8	0	-22	5	5	2	17	1	1	1
1141545	PPM	-6564	1031	1255	266	710	91	3093	89	41375	421	853	21	27	3	50	5	162	7	11633	54	6	0	-23	4	1	2	12	1	2	1
1141546	PPM	-2455	1056	846	236	506	81	3214	88	39252	394	826	19	26	2	39	4	143	6	6034	34	4	0	-19	4	5	2	9	1	3	1
1141547	PPM	-5759	1104	1201	282	604	96	3559	99	41472	437	1235	26	31	3	50	5	147	7	15294	68	9	0	-22	5	7	2	16	1	3	1
1141548	PPM	-5716	898	1081	215	566	68	289	34	43196	375	106	8	2	1	21	3	108	5	7360	35	3	0	-86	3	-6	1	-1	1	4	0
1141549	PPM	-5629	783	940	188	437	58	316	30	36982	306	100	7	5	1	11	3	55	4	5558	26	3	0	-78	3	-9	1	0	1	3	0
1141550	PPM	-4474	1118	1452	281	639	92	3303	94	43175	447	835	21	25	3	51	5	156	7	10410	50	5	0	-16	4	6	2	12	1	3	1
1141551	PPM	-4929	1219	1268	294	644	98	2642	89	50407	530	1061	24	30	3	55	5	1181	17	10467	51	6	0	-15	4	20	2	106	2	6	1
1141552	PPM	-5205	1110	1212	275	711	95	3130	91	43930	452	1102	24	35	3	52	5	186	7	12320	56	7	0	-18	4	16	2	20	1	3	1
1141553	PPM	-5762	980	748	229	533	81	3421	90	39654	395	816	19	32	2	41	4	123	6	5240	30	3	0	-15	4	5	2	14	1	3	1
1141554	PPM	-6508	1010	1240	253	668	84	3294	87	44796	430	696	18	30	2	47	4	175	6	8705	43	5	0	4	4	5	2	13	1	2	1
1141555	PPM	-6079	1080	1258	274	599	91	3197	92	43224	445	835	21	32	3	46	5	169	7	11604	54	6	0	-11	4	0	2	11	1	2	1
1141556	PPM	-5941	1021	873	242	510	82	3042	88	41332	421	536	16	24	2	36	4	132	6	5312	31	3	0	-14	4	5	2	9	1	1	1
1141557	PPM	-5434	1200	1099	296	635	100	3808	105	46875	498	742	21	38	3	62	5	191	8	17818	78	8	0	-17	5	8	2	14	1	4	1
1141558	PPM	-6327	1073	1618	284	618	91	3948	101	43461	445	1073	24	43	3	56	5	158	7	10515	50	7	0	-20	4	6	2	12	1	1	1
1141559	PPM	-5842	1121	1223	284	634	96	2956	91	43411	457	1023	24	36	3	47	5	151	7	13876	63	7	0	-14	5	6	2	15	1	2	1
1141560	PPM	-6992	1025	747	245	686	90	2906	89	41424	431	604	17	24	2	47	4	131	6	6027	34	2	0	-13	4	5	2	11	1	2	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141561	PPM	-5653	1119	1093	277	601	95	2727	89	42829	455	1038	24	28	3	54	5	202	7	11510	55	6	0	-20	4	4	2	22	1	1	1
1141562	PPM	-6763	837	1267	221	591	74	3300	83	34258	329	824	18	24	2	25	3	79	5	1229	13	1	0	-12	4	3	2	3	1	1	1
1141563	PPM	-5046	1016	1312	252	595	83	2567	78	41773	410	1015	21	23	2	51	4	161	6	6590	34	3	0	-28	4	1	2	9	1	2	1
1141564	PPM	-5427	1053	1458	269	569	87	2632	84	41235	427	865	21	27	3	37	4	145	6	5545	32	2	0	-24	4	0	2	9	1	3	1
1141565	PPM	-6563	959	1716	259	501	79	3171	86	40220	394	930	20	27	2	31	4	134	6	5081	30	3	0	-14	4	-1	2	7	1	2	1
1141566	PPM	-6528	1055	1463	273	713	93	2626	85	42959	445	997	22	24	3	50	4	149	6	6819	37	4	0	-10	4	1	2	15	1	3	1
1141567	PPM	-11972	2209	-1355	613	-25	201	715	95	57453	880	357	45	-25	7	77	12	394	18	378207	1777	156	3	-747	13	47	3	162	4	65	2
1141568	PPM	-7280	1067	1278	292	435	89	490	47	41561	416	299	16	34	3	58	5	1610	20	36940	132	14	1	-125	4	-1	2	44	1	5	1
1141569	PPM	-5050	1086	1451	273	535	86	2715	85	43500	444	562	17	42	3	68	5	193	7	8272	42	4	0	-15	4	4	2	15	1	2	1
1141570	PPM	-6203	1098	1355	280	639	93	2922	90	44156	460	710	19	54	3	78	5	204	7	9459	47	5	0	-22	4	15	2	17	1	3	1
1141571	PPM	-5703	1059	1399	269	567	87	2637	83	42866	436	630	18	43	3	53	5	150	6	8464	42	4	0	-30	4	5	2	11	1	2	1
1141572	PPM	-4323	1156	1323	282	611	93	2954	91	45632	474	683	19	96	4	99	6	160	7	10932	52	4	0	-13	4	6	2	22	1	6	1
1141573	PPM	-5332	1195	1050	292	632	99	3377	99	46647	497	757	21	36	3	58	5	248	8	16716	74	6	0	-17	5	6	2	14	1	2	1
1141574	PPM	-7478	1087	1173	277	664	94	2571	85	45432	471	789	21	29	3	60	5	270	8	11460	54	6	0	-19	4	4	2	13	1	2	1
1141575	PPM	-6301	1071	1198	273	623	93	2796	88	41686	437	910	22	26	3	51	5	143	7	10465	50	5	0	-17	4	2	2	8	1	2	1
1141576	PPM	-17334	2750	-2216	752	609	269	1368	135	78688	1404	628	58	41	9	140	16	1146	32	435310	2302	155	3	-717	16	60	4	4	2	271	4
1141577	PPM	-7456	1036	1657	276	747	89	536	49	45547	454	282	13	15	2	47	4	160	6	10149	48	7	0	-51	4	4	2	9	1	4	1
1141578	PPM	-5328	1003	1772	266	452	79	2990	86	39788	401	759	18	29	2	34	4	111	6	4418	27	2	0	-14	4	6	2	6	1	3	1
1141674	PPM	-6172	1022	1080	252	715	88	3462	92	42480	424	681	18	23	2	41	4	190	7	8217	41	4	0	-11	4	5	2	14	1	3	1
1141675	PPM	-5642	999	1187	239	572	77	958	52	45191	428	240	10	14	2	33	4	126	5	4604	28	3	0	-8	4	2	2	9	1	1	1
1141676	PPM	-3339	1101	1152	259	684	90	3053	90	41329	429	412	14	23	2	52	4	155	6	6976	38	4	0	-11	4	6	2	11	1	2	1
1141677	PPM	-4444	1061	1581	266	705	86	2563	80	43572	432	472	15	17	2	37	4	142	6	7548	39	5	0	-14	4	2	2	11	1	3	1
1141678	PPM	-3670	1057	615	227	705	84	1572	65	43018	426	289	12	15	2	35	4	129	6	5316	31	3	0	-14	4	7	2	9	1	3	1
1141679	PPM	-4901	1032	1417	256	691	84	2251	75	42672	422	261	11	17	2	32	4	150	6	5127	30	4	0	-16	4	6	2	8	1	0	1
1141680	PPM	-5310	1042	1103	257	555	87	3202	90	40368	413	889	21	30	3	37	4	166	7	9964	48	5	0	-19	4	2	2	12	1	1	1
1141681	PPM	-6270	1007	1446	261	648	85	2780	83	41716	415	495	15	21	2	35	4	170	6	8014	41	4	0	-4	4	2	2	10	1	1	1
1141682	PPM	-3506	1116	1042	261	878	96	2723	86	42809	440	641	18	29	3	48	4	176	7	8802	44	5	0	-21	4	4	2	11	1	2	1
1141683	PPM	-5524	1013	1109	248	497	81	3371	90	41498	411	637	17	25	2	45	4	176	6	7214	38	4	0	-10	4	3	2	10	1	2	1
1141684	PPM	-7337	1002	986	248	656	86	2247	76	43290	431	578	16	17	2	45	4	179	6	8629	44	5	0	-20	4	6	2	12	1	1	1
1141685	PPM	-5514	996	1072	244	623	83	3502	90	40664	399	812	19	29	2	63	4	195	7	8726	44	4	0	-6	4	4	2	11	1	3	1
1141686	PPM	-5752	1024	1197	248	664	83	1121	57	44595	436	261	11	15	2	37	4	152	6	5723	33	4	0	-21	4	7	2	9	1	2	1
1141687	PPM	-5422	1022	1295	254	446	79	2661	80	42488	418	504	15	22	2	43	4	183	6	7982	41	4	0	-8	4	5	2	11	1	2	1
1141688	PPM	-4690	1036	1226	255	607	85	2965	86	40624	408	702	18	23	2	41	4	149	6	8733	44	5	0	-21	4	5	2	16	1	1	1
1141689	PPM	-4581	1034	1196	251	567	83	2708	82	41275	411	554	16	23	2	37	4	151	6	7759	40	4	0	-20	4	2	2	11	1	0	1
1141690	PPM	-4414	1039	1537	264	602	84	2910	84	41121	408	675	18	22	2	41	4	148	6	8871	44	4	0	-15	4	5	2	13	1	2	1
1141691	PPM	-7258	953	1288	248	613	82	2891	83	40509	399	551	16	21	2	42	4	141	6	6524	35	3	0	-5	4	4	2	11	1	1	1
1141692	PPM	-5888	1045	1071	255	635	87	2930	87	42756	432	573	17	29	2	44	4	169	6	7849	40	3	0	-3	4	7	2	11	1	3	1
1141693	PPM	-5231	1058	1247	263	656	89	3077	88	42515	428	902	21	26	3	49	4	203	7	10114	49	4	0	-7	4	4	2	12	1	2	1
1141694	PPM	-6966	1041	1645	278	634	88	2448	80	43879	444	655	18	25	2	39	4	176	7	8552	43	5	0	-18	4	9	2	12	1	3	1
1141695	PPM	-5411	1031	1039	247	729	87	2017	72	42877	426	440	14	20	2	42	4	127	6	6496	35	4	0	-23	4	2	2	11	1	3	1
1141696	PPM	-5424	1024	1253	260	587	87	3396	92	39238	400	877	21	32	3	43	4	169	7	9796	48	4	0	-17	4	4	2	13	1	2	1
1141697	PPM	-2251	1146	1294	271	612	90	3055	89	43390	443	1001	23	33	3	57	5	201	7	10285	49	5	0	-25	4	3	2	11	1	1	1
1141698	PPM	-5342	1048	1173	260	559	87	3053	89	41007	419	846	20	26	3	50	4	180	7	9073	45	4	0	-20	4	2	2	13	1	2	1
1141699	PPM	-6740	1024	1256	264	546	86	3171	90	41567	423	827	20	30	3	51	5	186	7	9970	48	4	0	-17	4	4	2	12	1	2	1
1141700	PPM	-6130	1056	645	248	656	92	2814	88	41133	430	780	20	29	3	43	4	166	7	9206	46	5	0	-8	4	4	2	16	1	2	1
1141701	PPM	-6477	1128	1765	294	897	98	3507	96	49780	501	786	20	29	3	46	4	170	7	10451	50	6	0	-11	4	3	2	14	1	2	1
1141702	PPM	-4291	1127	1492	274	763	91	3509	93	48745	480	626	17	28	2	48	4	173	6	8480	43	5	0	-11	4	8	2	12	1	3	1
1141703	PPM	-6763	1070	1237	263	852	92	3348	90	49134	479	600	17	26	2	43	4	182	6	8217	42	5	0	-3	4	5	2	14	1	1	1
1141704	PPM	-5581	1150	1058	278	594	94	3994	103	47974	489	1104	24	26	3	58	5	234	8	14366	64	8	0	-21	5	8	2	23	1	4	1
1141705	PPM	-6613	1043	1560	269	780	90	3746	96	45827	453	926	21	28	3	41	4	159	6	6248	35	4	0	-18	4	2	2	11	1	2	1
1141706	PPM	-7008	1079	1386	272	955	97	3592	95	48714	484	872	20	27	3	48	4	184	7	7774	40	5	0	-6	4	5	2	11	1	2	1
1141707	PPM	-5932	1120	1418	280	747	94	3469	94	48896	489	987	22	33	3	43	4	288	8	10483	50	6	0	-24	4	6	2	21	1	2	1
1141708	PPM	-5456	1112	867	258	722	91	2962	86	48776	481	778	20	29	3	42	4	229	7	10881	51	7	0	-19	4	2	2	18	1	1	1
1141710	PPM	-4582	1068	1180	253	878	91	3568	92	45896	448	964	21	29	3	37	4	126	6	5768	32	4	0	-14	4	4	2	11	1	0	1
1141711	PPM	-6331	1112	1376	281	950	99	3647	97	48053	482	900	21	27	3	39	4	210	7	12672	58	7	0	-33	4	5	2	20	1	3	1
1141712	PPM	-7146	977	1493	252	780	85	2964	82	44902	429	710	17	27	2	35	4	146	6	3974	25	3	0	-22	4	-2	2	11	1	2	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141713	PPM	-5318	1112	998	265	822	95	3224	91	46962	470	938	22	32	3	40	4	173	7	11905	55	7	0	-33	4	0	2	17	1	4	1
1141714	PPM	-4496	1096	1288	262	908	93	2896	85	46842	463	785	19	27	2	33	4	147	6	6113	34	4	0	-16	4	1	2	10	1	1	1
1141715	PPM	-5164	1103	1513	277	799	93	2993	87	46836	465	817	20	27	3	35	4	169	7	11011	52	7	0	-25	4	6	2	15	1	2	1
1141716	PPM	-4782	1129	1235	275	936	99	3578	95	46893	470	978	22	26	3	50	5	177	7	12869	59	8	0	-21	4	4	2	18	1	1	1
1141717	PPM	-7845	1131	1110	287	775	101	4387	110	48169	501	1124	25	38	3	57	5	190	7	14535	65	8	0	-24	5	5	2	17	1	2	1
1141718	PPM	-5077	1098	1300	266	828	93	3224	90	47218	469	947	21	29	3	44	4	160	6	6931	37	5	0	-16	4	3	2	11	1	3	1
1141719	PPM	-6018	1107	592	251	798	96	3476	96	46742	477	965	22	31	3	54	5	181	7	9318	46	6	0	-20	4	7	2	15	1	2	1
1141720	PPM	-5216	1182	1484	293	1108	106	3451	97	50766	517	932	22	27	3	56	5	198	7	11592	54	7	0	-21	4	6	2	14	1	2	1
1141721	PPM	-6177	1190	1034	287	893	104	3760	103	50464	526	899	22	34	3	49	5	184	7	12790	59	7	0	-23	4	7	2	18	1	2	1
1141722	PPM	-6031	1129	1369	282	815	98	3963	103	47488	489	1069	24	31	3	49	5	177	7	8882	45	6	0	-22	4	4	2	14	1	3	1
1141723	PPM	-5695	1120	1126	272	757	94	3547	95	47934	480	926	22	31	3	47	5	186	7	12376	57	8	0	-16	5	5	2	15	1	1	1
1142001	PPM	-5183	828	874	192	480	61	430	34	39567	331	104	7	2	1	17	3	503	8	4824	25	3	0	-76	3	2	1	51	1	5	1
1142002	PPM	-5799	817	1092	196	534	61	348	32	40514	337	89	6	5	1	12	3	116	5	2660	17	1	0	-77	3	-5	1	11	1	4	0
1142003	PPM	-5632	866	1215	206	459	61	309	32	43903	369	92	6	4	1	15	3	189	5	1511	13	1	0	-78	3	-12	1	17	1	3	1
1142004	PPM	-3314	988	1403	230	560	69	339	36	48568	418	113	7	4	1	19	3	237	6	5186	28	2	0	-78	3	3	2	29	1	4	1
1142005	PPM	-4849	1113	1125	275	613	93	3397	96	42161	440	960	23	32	3	50	5	157	7	13161	60	8	0	-32	4	4	2	17	1	3	1
1142006	PPM	-6072	1122	1546	293	707	97	3004	91	45125	467	901	22	30	3	57	5	170	7	14733	66	9	0	-22	5	5	2	15	1	3	1
1142007	PPM	-6717	1119	1051	281	592	95	3390	97	44928	471	1001	24	35	3	58	5	202	7	15074	67	9	0	-28	5	2	2	20	1	3	1
1142008	PPM	-6995	1134	1628	304	528	95	3489	99	45763	482	1025	24	29	3	57	5	171	7	15371	69	10	0	-42	5	10	2	19	1	1	1
1142009	PPM	-4739	1184	1817	304	544	93	3149	94	48547	501	943	23	36	3	70	5	462	10	12885	59	7	0	-21	5	135	3	15	1	3	1
1142010	PPM	-5220	1125	876	265	703	94	3585	98	45639	469	835	21	28	3	59	5	261	8	11321	53	6	0	-8	5	8	2	11	1	3	1
1142011	PPM	-7320	1053	1182	272	636	92	3666	98	43167	443	941	22	27	3	46	5	167	7	12895	60	8	0	-12	5	11	2	15	1	3	1
1142012	PPM	-6889	1073	1219	279	551	93	2771	87	42597	442	1354	27	34	3	42	5	183	7	14925	67	9	0	-35	5	8	2	19	1	4	1
1142013	PPM	-5271	1169	1129	287	734	101	3064	94	46051	484	1442	29	31	3	58	5	216	8	15680	70	10	0	-41	5	14	2	24	1	4	1
1142014	PPM	-3801	1131	1689	284	685	92	3620	97	45525	461	927	21	32	3	50	5	179	7	9362	47	5	0	-7	4	5	2	12	1	2	1
1142015	PPM	-5513	1012	914	239	664	85	2606	80	41498	414	682	17	22	2	46	4	135	6	4921	29	3	0	-18	4	3	2	10	1	1	1
1142016	PPM	-5153	1180	920	284	447	94	3139	95	45855	484	1209	27	34	3	59	5	187	7	17128	75	9	0	-33	5	9	2	20	1	4	1
1142017	PPM	-4050	1146	950	270	542	92	3709	100	44162	458	1128	25	34	3	49	5	253	8	12976	60	8	0	-30	4	11	2	33	1	4	1
1142018	PPM	-7059	1161	1497	306	591	99	3649	102	47283	498	1264	27	43	3	52	5	161	7	17929	77	10	0	-45	5	13	2	18	1	3	1
1142019	PPM	-5644	1015	1370	254	570	83	3886	97	42367	420	990	21	34	3	34	4	129	6	4303	27	2	0	-10	4	1	2	9	1	3	1
1142020	PPM	-4590	1161	1302	288	945	104	3780	102	45365	472	1180	26	35	3	50	5	162	7	14300	65	8	0	-33	5	7	2	13	1	2	1
1142021	PPM	-6065	1072	1522	279	627	90	2854	87	43686	445	904	21	33	3	54	5	168	7	10179	49	6	0	-18	4	9	2	13	1	3	1
1142022	PPM	-6310	1083	1120	272	669	94	4105	104	43266	447	920	22	30	3	61	5	179	7	12382	58	7	0	-11	5	10	2	17	1	3	1
1142023	PPM	-4318	1117	1167	270	441	87	3397	96	42970	446	776	20	26	3	46	5	157	7	10116	50	5	0	-17	4	3	2	13	1	4	1
1142024	PPM	-4620	1038	1755	262	680	81	2036	69	46445	439	347	12	17	2	26	4	118	5	5429	29	4	0	-64	3	-2	2	6	1	3	1
1142025	PPM	-5283	1090	1850	284	833	92	3211	88	47088	462	792	19	28	3	44	4	206	7	10534	51	7	0	-9	5	3	2	16	1	2	1
1142026	PPM	-7277	1070	1040	268	963	99	3400	93	46082	462	932	22	38	3	31	4	175	7	13703	63	8	0	-14	5	7	2	14	1	3	1
1142027	PPM	-5288	943	1585	233	823	74	513	38	48963	413	161	8	7	1	25	3	522	8	6608	33	3	0	-70	3	-3	2	25	1	3	1
1142028	PPM	-5288	974	1258	226	758	72	240	32	54136	447	78	7	5	1	13	3	124	5	6826	33	3	0	-88	3	-6	1	7	1	3	1
1142029	PPM	-5964	846	1179	204	676	65	335	32	43803	361	87	6	4	1	17	3	229	6	3663	21	2	0	-83	3	-9	1	11	1	5	1
1142030	PPM	-6112	1116	1413	282	662	92	3910	100	47956	482	950	22	40	3	56	5	214	7	11037	52	7	0	-35	4	9	2	19	1	3	1
1142031	PPM	-5438	1034	1066	248	645	86	3384	92	42490	427	721	18	32	2	48	4	134	6	4972	30	3	0	-22	4	-1	2	6	1	1	1
1142032	PPM	-4201	1082	1535	269	683	87	2260	75	44892	440	600	17	31	2	45	4	873	13	9983	46	5	0	-54	4	-1	2	23	1	5	1
1142033	PPM	-4994	1165	1259	286	832	100	3621	100	47055	488	900	22	33	3	50	5	178	7	12562	59	8	0	-21	5	11	2	14	1	2	1
1142034	PPM	-4980	1076	1581	272	820	92	3615	95	44649	447	981	22	32	3	38	4	133	6	6285	35	4	0	-16	4	5	2	9	1	1	1
1142035	PPM	-5440	1159	1163	280	832	98	2697	86	49232	501	746	20	23	3	47	5	195	7	13106	60	8	0	-25	5	4	2	13	1	3	1
1142036	PPM	-7103	1014	1328	261	604	87	3437	93	42601	432	956	21	35	3	43	4	146	6	5751	33	3	0	-21	4	4	2	11	1	3	1
1142037	PPM	-5811	1157	1560	297	764	99	3363	96	47736	493	1008	24	30	3	56	5	195	7	14234	65	8	0	-26	5	9	2	18	1	3	1
1142038	PPM	-4044	1174	861	272	917	102	3578	98	46945	482	991	23	31	3	54	5	226	8	14536	66	8	0	-30	5	5	2	17	1	2	1
1142039	PPM	-4490	1170	918	272	761	97	3794	101	47761	490	914	22	33	3	49	5	183	7	12281	57	7	0	-22	4	5	2	15	1	4	1
1142040	PPM	-5448	1153	1601	291	780	95	3052	89	50398	504	856	21	25	3	53	5	269	8	12210	57	8	0	-17	5	20	2	25	1	3	1
1142041	PPM	-4096	1155	1378	281	810	96	2814	86	47966	480	948	22	30	3	47	5	189	7	13151	59	8	0	-32	4	11	2	22	1	3	1
1142042	PPM	-5167	1164	1123	281	912	101	3313	95	47909	493	805	21	27	3	45	5	229	8	13842	64	8	0	-20	5	14	2	22	1	4	1
1142043	PPM	-4921	1152	884	267	811	97	2820	87	48106	490	957	22	31	3	50	5	235	7	11552	55	8	0	-20	5	12	2	30	1	5	1
1142044	PPM	-4559	1173	1373	287	788	97	2948	90	48655	496	794	21	27	3	53	5	258	8	12418	58	7	0	-29	4	8	2	20	1	3	1
1142045	PPM	-5014	1103	1565	276	802	93	3392	93	46511	468	872	20	28	3	48	4	164	6	6626	37	4	0	-20	4	3	2	12	1	2	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1142046	PPM	-4802	1098	1173	261	788	93	3175	91	45370	461	891	21	28	3	58	5	155	6	5432	32	4	0	-22	4	2	2	10	1	2	1
1142047	PPM	-4847	1167	1379	286	668	94	3208	93	48792	498	858	21	32	3	55	5	176	7	11777	56	8	0	-33	4	7	2	17	1	4	1
1142048	PPM	-3206	1202	966	276	794	99	3630	100	47664	492	1087	24	32	3	39	5	208	7	12827	60	7	0	-26	5	10	2	20	1	8	1
1142049	PPM	-6047	1017	1542	258	734	86	3736	94	44768	437	835	19	30	2	37	4	119	6	3205	23	2	0	-14	4	4	2	8	1	1	1
1142050	PPM	-6656	1141	1257	285	831	100	3600	99	49085	503	1050	24	28	3	58	5	285	8	12552	59	8	0	-20	5	8	2	20	1	5	1
1142051	PPM	-4870	1179	1320	288	817	99	3615	98	49553	504	1028	23	27	3	51	5	278	8	13860	63	9	0	-31	5	72	3	34	1	4	1
1142052	PPM	-5569	1014	1542	258	719	86	2802	83	42319	421	720	18	25	2	34	4	126	6	3313	23	3	0	-19	4	6	2	7	1	1	1
1142053	PPM	-5751	873	1507	216	631	65	409	34	45625	377	90	6	5	1	16	3	173	5	3164	20	1	0	-80	3	3	2	21	1	5	1
1142054	PPM	-4813	989	1573	237	664	72	289	35	52129	445	82	7	7	1	19	3	238	6	5251	29	2	0	-86	3	11	2	20	1	4	1
1142055	PPM	-2265	1030	1091	225	626	72	316	36	50237	436	107	8	4	1	23	3	211	6	6038	32	2	0	-79	3	4	2	33	1	4	1
1142056	PPM	-6333	912	1139	215	768	71	327	34	49158	412	99	7	7	1	16	3	223	6	3769	23	2	0	-76	3	16	2	20	1	4	1
1142057	PPM	-3903	913	1263	213	636	66	326	33	45968	381	90	7	6	1	18	3	185	5	5145	27	2	0	-83	3	33	2	19	1	4	1
1142058	PPM	-5976	955	1209	234	649	76	1902	63	44746	404	443	13	16	2	29	4	189	6	8272	39	3	0	-68	3	6	2	18	1	3	1
1142059	PPM	-4815	943	1439	227	681	70	416	36	48176	406	119	8	10	1	20	3	181	5	7082	34	4	0	-85	3	18	2	21	1	4	1
1142060	PPM	-5840	779	992	186	671	62	330	29	39572	316	114	7	4	1	11	3	145	5	4728	24	2	0	-81	3	5	1	17	1	2	0
1142061	PPM	-4222	1152	1565	286	826	97	3271	93	47435	480	957	22	33	3	49	5	176	7	10559	51	6	0	-30	4	8	2	15	1	2	1
1142062	PPM	-3741	1124	1474	274	836	95	3143	90	45303	459	895	21	29	3	50	4	173	7	7524	40	4	0	-17	4	2	2	10	1	2	1
1142063	PPM	-7231	1139	1418	293	756	98	3502	98	49045	507	858	22	35	3	52	5	210	7	12448	59	7	0	-20	5	3	2	18	1	3	1
1142064	PPM	-5021	1098	815	250	745	91	3071	89	46390	466	758	19	30	3	42	4	159	6	6762	37	4	0	-28	4	1	2	9	1	3	1
1142065	PPM	-5962	1091	1101	263	907	96	2595	83	46836	472	652	18	23	2	46	4	148	6	7515	40	4	0	-25	4	4	2	10	1	4	1
1142066	PPM	-6035	1126	1093	271	697	93	2842	88	48186	491	841	21	31	3	57	5	179	7	9669	48	6	0	-31	4	10	2	13	1	3	1
1142067	PPM	-5844	1130	1111	272	797	96	3551	97	48700	494	944	22	36	3	53	5	164	7	9565	48	6	0	-21	4	5	2	13	1	3	1
1142068	PPM	-7173	1175	1585	306	693	99	2991	92	50919	527	873	22	26	3	52	5	238	8	15614	70	9	0	-23	5	13	2	17	1	3	1
1142069	PPM	-7130	1086	1295	275	626	91	3519	95	47772	479	1021	23	35	3	47	5	196	7	10863	52	7	0	-14	4	7	2	16	1	2	1
1142070	PPM	-4248	1135	1257	273	758	93	3057	88	47630	474	1049	23	33	3	39	4	208	7	11589	54	7	0	-26	4	12	2	30	1	3	1
1142071	PPM	-7613	1092	860	265	824	99	3293	94	47408	486	1377	27	37	3	53	5	203	7	9985	49	6	0	-20	4	18	2	17	1	3	1
1142072	PPM	-5635	1061	1221	263	876	94	3405	91	44490	441	1072	23	31	3	40	4	153	6	10268	51	6	0	-25	4	5	2	16	1	3	1
1142073	PPM	-7098	1103	1537	289	809	97	3323	93	47587	480	952	22	30	3	50	5	190	7	14986	68	9	0	-27	5	12	2	18	1	3	1
1142074	PPM	-2695	1195	1219	273	763	94	2341	81	48751	499	693	19	25	2	40	4	138	6	7318	40	5	0	-66	4	-5	2	9	1	3	1
1142075	PPM	-5219	971	1453	230	485	66	433	37	52389	440	92	7	6	1	22	3	170	5	5369	29	2	0	-77	3	14	2	16	1	4	1
1142076	PPM	-5247	912	545	202	643	75	269	37	37692	360	37	6	4	1	14	3	116	5	3881	26	2	0	-88	3	2	2	22	1	4	1
1142077	PPM	-6506	879	1084	217	599	71	261	36	39144	361	50	6	3	1	7	3	129	5	4567	27	3	0	-91	3	-3	2	6	1	4	1
1142078	PPM	-4669	943	739	212	547	73	205	37	38606	372	39	6	3	1	9	3	213	6	3169	22	1	0	-80	3	1	2	12	1	7	1
1142079	PPM	-5932	902	985	213	783	75	206	33	42268	378	45	6	5	1	19	3	169	6	4529	26	3	0	-87	3	0	2	15	1	4	1
1142080	PPM	-4828	963	535	208	533	74	177	37	40315	388	45	6	4	1	12	3	138	6	3896	25	2	0	-88	3	9	2	25	1	5	1
1142081	PPM	-4931	932	1169	222	624	72	199	34	41669	381	50	6	5	1	18	3	195	6	3945	25	2	0	-86	3	-3	2	10	1	4	1
1142082	PPM	-3625	957	1017	218	635	72	151	33	42304	382	44	6	3	1	20	3	222	6	5627	30	4	0	-92	3	-6	2	14	1	5	1
1142083	PPM	-5777	915	783	212	627	72	220	34	42659	380	60	7	3	1	18	3	294	7	9293	43	5	0	-98	3	-8	1	23	1	5	1
1142084	PPM	-5503	952	1141	224	575	69	285	34	48781	418	75	7	3	1	13	3	248	6	7772	36	4	0	-87	3	3	2	34	1	5	1
1142085	PPM	-2981	1309	1248	309	720	107	2622	95	48158	539	754	22	29	3	70	5	186	8	13448	66	9	0	-35	5	15	2	16	1	5	1
1142086	PPM	-6138	1212	1129	301	616	103	3043	101	45722	514	763	22	31	3	56	5	167	7	12712	63	8	0	-24	5	11	2	15	1	5	1
1142087	PPM	-3637	1192	1197	283	656	98	2800	93	44135	480	893	22	29	3	42	5	154	7	7346	42	5	0	-24	5	6	2	11	1	3	1
1142088	PPM	-7250	1173	1283	301	758	106	3076	100	45765	511	796	22	23	3	53	5	165	7	9972	53	6	0	-19	5	12	2	15	1	5	1
1142089	PPM	-5567	840	811	202	549	69	495	39	34545	317	218	10	14	2	19	3	184	6	7516	36	6	0	-78	3	18	2	82	2	13	1
1142090	PPM	-6160	1217	392	274	737	108	3272	104	45975	518	964	25	28	3	64	5	173	8	12258	61	8	0	-32	5	13	2	17	1	5	1
1142091	PPM	-8427	1227	1947	338	917	113	3081	99	51952	563	1111	27	33	3	67	6	278	9	18607	82	11	0	-19	5	41	2	30	1	5	1
1142092	PPM	-6521	870	1016	215	641	71	551	38	41197	357	114	9	5	1	19	3	206	6	12955	52	9	0	-98	3	36	2	41	1	7	1
1142093	PPM	-4412	911	770	208	638	71	557	39	41430	359	116	9	5	2	15	3	196	6	13081	52	8	0	-97	3	35	2	42	1	8	1
1142093	PPM	-4167	1135	1384	276	984	98	3216	90	47348	472	819	20	29	3	47	4	155	6	10894	53	7	0	-17	5	7	2	20	1	2	1
1142094	PPM	-6496	1143	1733	302	868	102	3317	97	46994	493	822	21	32	3	56	5	209	7	11711	57	8	0	-12	5	14	2	19	1	4	1
1142095	PPM	-5939	1096	972	266	715	94	2785	87	44270	457	857	21	31	3	52	5	150	7	11316	55	7	0	-39	4	5	2	15	1	4	1
1142096	PPM	-4418	1133	1407	274	690	90	2037	75	47779	481	551	17	24	2	39	4	213	7	9287	47	6	0	-34	4	19	2	19	1	2	1
1142097	PPM	-4698	907	935	210	664	72	264	35	39942	361	70	7	3	1	13	3	327	7	4934	27	3	0	-89	3	-4	2	25	1	4	1
1142098	PPM	-5465	1108	1584	259	597	76	315	40	60440	542	105	7	9	1	28	3	974	13	2021	18	1	0	-75	3	-14	2	18	1	5	1
1142099	PPM	-6762	897	1151	219	627	71	307	36	43194	388	68	6	3	1	17	3	297	7	3166	21	2	0	-89	3	-10	1	3	1	4	1
1142100	PPM	-5660	1183	1064	279	839	99	1997	78	51444	529	679	19	26	3	45	5	161	7	11092	54	6	0	-23	5	7	2	16	1	7	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1142101	PPM	-4571	1193	1166	277	734	94	874	58	52489	531	425	15	20	2	49	4	142	6	10355	51	9	0	-43	4	13	2	21	1	4	1
1142102	PPM	-3788	1289	1144	300	849	107	2185	86	51185	556	549	18	29	3	47	5	164	7	13481	66	8	0	-31	5	5	2	20	1	5	1
1142103	PPM	-6390	1098	1824	289	749	93	3059	89	47966	480	770	20	32	3	44	4	185	7	9579	47	7	0	-8	4	11	2	16	1	3	1
1142104	PPM	-5245	1146	1330	277	738	94	1631	72	47769	497	421	15	23	2	45	4	224	7	6635	36	4	0	-33	4	3	2	21	1	6	1
1142105	PPM	-6310	896	1113	217	655	72	228	34	42322	380	69	6	4	1	17	3	234	6	3444	22	2	0	-74	3	-1	2	30	1	5	1
1142106	PPM	-5399	933	981	218	657	73	180	34	42666	387	50	6	5	1	21	3	349	7	5700	31	3	0	-91	3	-9	2	15	1	3	1
1142107	PPM	-3329	962	708	209	602	72	133	32	42079	379	70	7	5	1	14	3	2347	24	6026	32	2	0	-89	3	-9	1	11	1	11	1
1142108	PPM	-4116	881	1055	206	676	70	245	33	37247	337	59	6	3	1	14	3	149	5	2484	18	1	0	-87	3	-9	1	13	1	4	1
1142109	PPM	-5785	900	1095	216	630	71	260	35	41670	374	77	7	4	1	18	3	196	6	4090	24	2	0	-83	3	-5	2	13	1	6	1
1142110	PPM	-5317	939	966	214	601	70	261	34	46437	406	66	6	4	1	14	3	456	8	4061	24	2	0	-81	3	-11	1	29	1	12	1
1142111	PPM	-5091	856	700	194	669	70	180	32	36259	331	50	6	2	1	15	3	100	5	3450	22	2	0	-88	3	-11	1	7	1	5	1
1142112	PPM	-4925	745	737	171	642	60	199	27	33293	278	49	5	3	1	13	3	54	4	1831	14	1	0	-82	3	-12	1	4	1	4	0
1142113	PPM	-3708	1188	853	267	760	96	918	60	47512	497	371	15	21	2	49	5	259	8	10452	51	8	0	-34	4	107	3	20	1	42	1
1142114	PPM	-3379	1246	1093	284	659	97	1086	66	49488	530	340	14	18	2	44	5	156	7	9549	50	7	0	-29	5	6	2	13	1	3	1
1142115	PPM	-5474	1199	1706	303	786	100	1162	67	49468	528	416	15	19	2	55	5	194	7	8567	46	7	0	-40	4	8	2	16	1	4	1
1142116	PPM	-5804	1186	1567	304	732	103	2906	96	45710	504	723	21	31	3	52	5	203	8	9214	49	5	0	-23	5	6	2	17	1	3	1
1142117	PPM	-6080	1262	1049	311	514	107	3497	113	45477	533	916	25	26	3	68	6	182	8	12623	64	8	0	-25	5	3	2	20	1	4	1
1142118	PPM	-4486	1216	1884	313	805	103	2399	88	47236	512	642	19	32	3	56	5	185	7	10249	53	7	0	-28	5	9	2	18	1	4	1
1142119	PPM	-5167	1149	1068	271	724	94	1842	75	47333	493	462	16	22	2	39	4	192	7	8727	46	6	0	-37	4	5	2	15	1	4	1
1142120	PPM	-5535	1250	1044	305	564	105	3819	115	45286	521	888	24	36	3	61	5	206	8	12222	62	7	0	-17	5	4	2	19	1	4	1
1142121	PPM	-5436	1166	1592	300	829	103	3442	100	45906	487	1112	25	36	3	53	5	148	7	11312	54	7	0	-23	4	9	2	17	1	7	1
1142122	PPM	-4392	1162	1076	272	897	99	2500	84	47788	491	796	20	27	3	48	5	159	7	10021	50	6	0	-27	4	5	2	18	1	3	1
1142123	PPM	-3375	1245	1141	291	706	103	2215	88	44808	504	531	18	23	3	48	5	216	8	7607	42	5	0	-53	4	1	2	18	1	3	1
1142124	PPM	-6560	906	1096	222	579	73	545	42	40881	380	161	8	9	1	19	3	353	8	3728	24	2	0	-81	3	-7	2	16	1	3	1
1142125	PPM	-4417	893	841	204	731	72	263	33	39851	352	56	6	4	1	11	3	1179	14	5446	29	2	0	-84	3	-10	1	26	1	5	1
1142126	PPM	-5310	938	955	217	576	71	138	33	42597	391	55	6	4	1	15	3	544	9	3241	22	2	0	-82	3	-5	2	14	1	4	1
1142127	PPM	-4259	880	668	192	577	67	176	31	38934	345	46	5	4	1	21	3	259	6	2981	20	2	0	-81	3	-4	1	9	1	5	1
1142128	PPM	-4741	929	991	216	447	67	261	35	41371	375	102	8	5	1	23	3	275	7	5901	31	3	0	-86	3	-7	1	7	1	4	1
1142129	PPM	-6579	897	1014	218	685	74	324	37	41371	378	72	7	7	1	15	3	542	9	4338	26	2	0	-82	3	-1	2	41	1	7	1
1142131	PPM	-6359	1132	969	267	795	95	1000	61	48879	505	393	15	16	2	49	4	185	7	8202	44	6	0	-39	4	7	2	15	1	3	1
1142132	PPM	-6065	1094	1171	263	814	92	1950	73	49001	485	518	16	19	2	43	4	191	7	8049	42	6	0	-23	4	3	2	14	1	2	1
1142133	PPM	-7206	1139	967	272	661	94	1446	70	50118	522	485	16	25	2	56	5	194	7	8475	45	6	0	-31	4	8	2	23	1	3	1
1142134	PPM	-4833	1177	1112	281	732	98	1543	73	45899	492	547	18	19	2	44	5	188	7	10766	53	7	0	-49	4	7	2	29	1	6	1
1142135	PPM	-6883	1173	1163	287	822	102	1797	77	49654	529	514	17	23	2	49	5	174	7	9847	51	7	0	-37	5	6	2	13	1	4	1
1142136	PPM	-3008	1198	1430	282	680	93	2133	79	48964	503	752	20	22	2	39	4	156	7	7927	42	5	0	-27	4	2	2	10	1	3	1
1142137	PPM	-4251	883	1414	219	663	71	344	36	37191	338	129	7	8	1	16	3	127	5	3054	21	2	0	-77	3	-5	2	45	1	9	1
1142138	PPM	-7306	1071	1306	271	663	87	880	54	49259	478	251	13	8	2	33	4	198	7	15989	65	11	0	-105	4	2	2	9	1	13	1
1142139	PPM	-3511	1250	905	284	778	103	3700	105	49025	524	890	23	36	3	59	5	418	10	11558	57	6	0	-21	5	7	2	30	1	4	1
1142140	PPM	-5101	1149	1544	291	755	98	2964	93	44943	478	793	21	26	3	42	5	131	6	8528	45	5	0	-29	4	1	2	11	1	4	1
1142141	PPM	-4968	1135	1380	279	889	98	1611	70	47077	481	662	18	22	2	51	5	138	6	10396	51	6	0	-47	4	8	2	12	1	4	1
1142142	PPM	-6643	1070	1376	272	759	92	1709	70	46044	462	610	17	23	2	48	4	156	6	10582	50	7	0	-42	4	29	2	17	1	5	1
1142143	PPM	-7537	1115	1367	282	782	96	2065	78	49849	510	734	19	27	3	52	5	196	7	9376	48	6	0	-16	4	104	3	50	2	3	1
1142501	PPM	-4602	1173	1292	277	790	95	1506	69	50646	515	497	16	22	2	48	4	165	7	8083	43	6	0	-29	4	9	2	16	1	3	1
1142502	PPM	-6554	1216	1483	313	712	105	2742	94	48689	531	961	24	33	3	55	5	331	9	14268	67	9	0	-25	5	23	2	20	1	6	1
1142503	PPM	-6629	1208	1479	306	743	102	2661	90	51189	544	708	20	29	3	57	5	337	9	14073	66	8	0	-35	5	15	2	26	1	4	1
1142504	PPM	-3763	1216	952	269	976	98	1397	66	55345	548	436	15	20	2	52	4	219	7	10365	50	8	0	-39	4	8	2	26	1	2	1
1142505	PPM	-4754	1035	610	226	616	80	602	47	45042	435	218	10	16	2	37	4	209	7	6201	33	5	0	-67	3	-2	2	16	1	4	1
1142506	PPM	-4111	910	1345	225	606	73	265	37	35327	341	51	5	4	1	15	3	68	5	1159	13	0	0	-80	3	-9	2	6	1	5	1
1142507	PPM	-6419	1182	1320	293	865	102	1938	78	50906	530	697	20	24	3	57	5	189	7	11993	56	8	0	-46	4	2	2	28	1	3	1
1142508	PPM	-4285	1179	1827	298	653	93	3221	93	49615	505	728	19	23	3	46	4	181	7	10329	51	7	0	-15	5	11	2	15	1	2	1
1142509	PPM	-5922	1161	1270	281	709	95	2511	85	50679	520	670	19	27	3	50	5	163	7	8665	45	6	0	-24	4	8	2	13	1	3	1
1142510	PPM	-5014	1260	1189	303	863	108	2892	96	50548	547	865	23	30	3	51	5	200	8	13874	65	9	0	-34	5	11	2	22	1	3	1
1145001	PPM	-5246	1144	1238	283	765	98	2956	91	45439	473	718	20	22	3	49	5	166	7	13464	63	8	0	-36	5	6	2	12	1	3	1
1145002	PPM	-5289	1274	1117	307	627	106	2659	98	47261	544	632	20	23	3	51	5	192	8	11122	58	7	0	-35	5	3	2	19	1	4	1
1145003	PPM	-7521	1142	1559	299	737	99	3985	107	48610	511	776	21	30	3	44	5	213	7	10912	54	7	0	-23	5	12	2	20	1	3	1
1145004	PPM	-6467	1152	1578	295	827	99	3108	94	48990	510	656	19	22	3	39	4	171	7	10317	52	6	0	-14	5	6	2	14	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1145005	PPM	-5868	1188	1373	297	813	102	2943	93	49152	517	768	21	28	3	60	5	198	7	13645	64	7	0	-14	5	6	2	16	1	4	1
1145006	PPM	-6257	1192	1763	312	922	106	3376	99	49346	522	800	21	31	3	55	5	183	7	12981	61	8	0	-17	5	7	2	15	1	3	1
1145007	PPM	-3885	1308	1389	321	743	111	3530	110	47107	538	1063	27	31	3	51	5	156	8	12811	64	8	0	-32	5	5	2	15	1	3	1
1145008	PPM	-5619	1143	1238	280	787	98	2125	80	46375	488	576	18	24	2	39	4	169	7	10141	53	7	0	-41	5	6	2	15	1	3	1
1145009	PPM	-5170	1188	1498	300	814	102	3861	105	47666	501	1063	25	38	3	53	5	162	7	13424	62	9	0	-28	5	3	2	15	1	3	1
1145010	PPM	-6521	1129	1312	284	807	98	3166	94	47302	491	748	20	37	3	57	5	274	8	10290	51	7	0	-13	5	43	2	18	1	3	1
1145011	PPM	-5524	1159	1407	290	704	96	2888	88	49187	498	988	23	32	3	59	5	220	7	15212	67	10	0	-37	4	2	2	15	1	3	1
1145012	PPM	-6374	1111	1158	273	723	94	3915	101	47857	484	1051	23	33	3	49	5	295	8	10884	52	7	0	-26	4	12	2	24	1	3	1
1145013	PPM	-5451	1090	1016	259	673	92	3988	103	44049	457	916	21	30	3	33	4	167	7	5307	32	3	0	-25	4	6	2	11	1	1	1
1145014	PPM	-5395	1125	795	262	954	100	3295	94	46015	473	737	20	24	3	52	5	270	8	10891	53	6	0	-11	5	5	2	15	1	3	1
1145015	PPM	-5642	1191	1041	289	635	100	3705	103	47645	504	1202	26	36	3	60	5	502	11	14695	67	8	0	-38	5	16	2	32	1	6	1
1145016	PPM	-4874	1164	1202	281	747	98	3411	98	46351	487	950	23	28	3	52	5	144	7	9618	48	6	0	-26	4	3	2	12	1	3	1
1145017	PPM	-4868	1099	1418	269	768	92	2801	87	44887	462	751	19	27	2	40	4	123	6	3426	24	2	0	-14	4	0	2	3	1	4	1
1145018	PPM	-4420	1280	1244	312	882	112	3068	100	48049	534	1026	26	33	3	64	5	228	8	15864	75	10	0	-38	5	42	3	28	1	7	1
1145019	PPM	-2541	1224	1370	292	820	101	3998	104	48145	496	1049	24	31	3	54	5	202	7	14065	63	9	0	-32	4	4	2	16	1	2	1
1145020	PPM	-5639	1178	880	282	884	107	3871	108	44988	490	1091	25	32	3	51	5	168	7	11889	58	7	0	-43	4	3	2	15	1	4	1
1145021	PPM	-7067	1145	1240	288	765	99	4345	108	49405	507	1086	24	34	3	64	5	274	8	13553	62	9	0	-28	5	10	2	24	1	3	1
1145022	PPM	-5526	1202	1329	298	620	98	2959	94	48889	518	882	23	30	3	57	5	184	7	13498	63	9	0	-32	5	9	2	16	1	3	1
1145023	PPM	-7358	1158	1313	296	893	104	3635	101	49575	515	1048	24	30	3	57	5	236	8	15001	68	9	0	-36	5	13	2	19	1	5	1
1145024	PPM	-4913	1381	1321	340	824	119	1061	71	54405	607	2141	40	57	4	80	6	285	9	27052	117	19	1	-73	5	19	2	26	1	4	1
1145025	PPM	-5980	985	1285	237	683	76	245	36	49130	439	86	8	4	1	15	3	151	5	6647	34	4	0	-90	3	12	2	6	1	3	1
1145026	PPM	-6048	939	781	213	778	76	356	37	45965	409	95	7	4	1	14	3	282	7	4843	28	2	0	-83	3	-8	2	27	1	4	1
1145027	PPM	-4073	996	1591	244	786	79	521	42	44477	411	82	7	8	1	32	3	311	7	4041	26	2	0	-71	3	-7	2	49	1	9	1
1145028	PPM	-5205	894	723	202	561	70	335	37	38437	356	72	6	4	1	15	3	166	6	3004	20	1	0	-85	3	-4	2	8	1	4	1
1145029	PPM	-3729	1064	1151	240	696	79	300	39	49908	461	104	8	6	1	25	3	286	7	5218	31	2	0	-77	3	6	2	51	2	7	1
1145030	PPM	-5973	1185	952	289	711	103	2361	87	45741	496	1039	25	27	3	53	5	157	7	15880	74	10	0	-57	5	9	2	13	1	9	1
1145031	PPM	-5315	1154	1239	286	817	100	2874	91	45405	479	701	20	32	3	56	5	179	7	12051	58	8	0	-9	5	12	2	19	1	9	1
1145032	PPM	-6091	1158	1552	302	740	103	3624	105	44390	484	1007	24	34	3	40	5	242	8	10889	55	7	0	-16	5	18	2	26	1	5	1
1145033	PPM	-4722	1255	1507	320	696	107	2301	87	47035	514	1428	30	32	3	53	5	355	10	20160	87	11	0	-49	5	13	2	34	1	7	1
1145034	PPM	-5534	1160	273	257	744	103	2555	90	43209	473	1045	25	30	3	46	5	166	7	13022	63	9	0	-39	5	8	2	22	1	9	1
1145035	PPM	-2827	1002	1191	232	666	76	334	38	43012	394	100	8	5	1	18	3	297	7	7707	37	3	0	-80	3	11	2	10	1	10	1
1145036	PPM	-5483	1109	1412	281	1019	102	3787	101	44228	458	870	21	34	3	56	5	198	7	9826	49	6	0	-11	4	26	2	21	1	5	1
1145037	PPM	-4760	1310	1197	336	965	123	2756	98	44350	509	1147	29	29	4	78	6	331	10	30622	127	17	1	-62	5	36	2	23	1	9	1
1145038	PPM	-4782	1101	1059	262	800	94	3068	91	43458	450	478	16	31	2	45	4	185	7	7635	41	5	0	-10	4	19	2	11	1	3	1
1145039	PPM	-6211	1104	1201	276	870	100	2749	90	43332	463	496	17	23	2	41	4	158	7	8200	44	4	0	-16	4	5	2	15	1	3	1
1145040	PPM	-5838	851	1135	209	609	68	556	38	39330	344	133	8	7	1	16	3	76	4	4477	24	2	0	-78	3	-11	1	8	1	4	0
1145041	PPM	-4965	865	503	192	585	67	433	35	39529	339	95	8	3	1	18	3	248	6	9969	41	6	0	-99	3	-3	1	26	1	7	1
1145042	PPM	-6855	934	1067	235	732	80	281	38	40826	386	98	9	4	2	20	4	407	8	12021	54	7	0	-107	3	3	2	47	1	11	1
1145043	PPM	-3894	906	1185	220	598	72	231	35	35287	334	63	7	2	1	17	3	212	6	5465	30	3	0	-92	3	-2	2	41	1	9	1
1145044	PPM	-6746	1164	933	302	955	108	758	56	45190	467	315	18	9	3	36	5	351	9	39423	143	19	1	-148	4	4	2	28	1	16	1
1145045	PPM	-5871	880	1053	211	656	71	305	35	40612	363	100	7	4	1	8	3	125	5	4061	24	2	0	-87	3	-5	2	14	1	5	1
1145046	PPM	-3919	961	661	209	507	71	373	39	40653	380	90	7	4	1	11	3	199	6	4213	26	2	0	-87	3	-6	2	25	1	6	1
1145047	PPM	-4457	864	996	200	666	66	361	33	41300	346	95	7	2	1	13	3	261	6	4865	26	2	0	-78	3	5	2	33	1	4	0
1145048	PPM	-6554	865	1262	219	725	73	354	36	40163	358	60	7	4	1	18	3	439	8	5932	31	3	0	-82	3	-5	2	21	1	3	1
1145049	PPM	-4384	740	735	168	692	60	283	28	33030	271	71	5	3	1	7	2	166	5	1881	14	1	0	-81	3	-14	1	5	1	5	0
1145050	PPM	-4712	862	1130	207	580	66	435	35	39277	338	86	7	1	1	14	3	517	8	6276	31	3	0	-88	3	-3	1	44	1	5	1
1145051	PPM	-6369	1062	1041	260	1028	100	3398	95	43529	449	986	22	34	3	51	5	135	6	6588	37	4	0	-22	4	2	2	12	1	1	1
1145052	PPM	-5351	1171	697	272	779	102	3441	101	44735	484	834	22	31	3	46	5	511	11	12221	59	6	0	-28	5	6	2	17	1	3	1
1145053	PPM	-5390	1092	1497	278	716	93	2636	85	43234	449	795	20	27	3	39	4	124	6	7419	40	4	0	-27	4	7	2	10	1	2	1
1145054	PPM	-5365	1035	1046	252	630	89	3120	92	38793	410	881	21	25	3	44	4	125	6	4187	28	3	0	-26	4	3	2	10	1	2	1
1145055	PPM	-4451	1141	1214	279	848	103	3692	106	40861	452	970	23	28	3	50	5	149	7	5809	35	3	0	-22	4	4	2	16	1	3	1
1145056	PPM	-3506	1195	1114	282	880	103	2844	93	44399	478	708	20	35	3	54	5	186	7	10289	52	7	0	-40	4	13	2	22	1	3	1
1145057	PPM	-5996	1045	1762	277	793	91	3451	91	44423	436	806	20	34	3	48	4	334	8	10605	51	6	0	-34	4	8	2	20	1	2	1
1145058	PPM	-7517	1017	1938	281	890	92	3498	91	45185	443	776	19	25	2	49	4	194	7	9198	46	6	0	-10	4	10	2	15	1	2	1
1145059	PPM	-6990	942	1136	237	690	81	3345	85	42078	398	819	18	27	2	32	4	202	6	6464	34	4	0	-36	4	2	2	9	1	3	1
1145060	PPM	-5791	1037	1281	258	861	90	3149	86	44679	435	701	18	26	2	40	4	162	6	9007	45	5	0	-21	4	3	2	9	1	2	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1145061	PPM	-4965	1045	1047	247	866	89	2692	78	46126	438	842	19	27	2	44	4	230	7	9725	47	5	0	-20	4	9	2	16	1	3	1
1145062	PPM	-4498	1104	1159	261	919	94	3407	91	47690	466	782	19	31	3	45	4	221	7	10104	50	6	0	-10	5	5	2	14	1	1	1
1145063	PPM	-3513	1134	1545	281	722	93	3830	98	45735	457	1055	23	29	3	49	5	153	6	11762	56	8	0	-30	4	4	2	13	1	2	1
1145064	PPM	-6291	1140	981	275	918	100	3454	94	50143	501	1040	23	30	3	38	4	205	7	16056	71	10	0	-41	5	10	2	25	1	3	1
1145065	PPM	-5672	1094	1122	268	911	97	3501	93	46419	460	1116	24	30	3	50	5	208	7	13463	62	8	0	-27	5	11	2	21	1	3	1
1145066	PPM	-6365	1076	1415	274	729	91	3093	87	47284	463	885	21	32	3	50	4	185	7	12683	59	8	0	-21	5	1	2	12	1	4	1
1145067	PPM	-3400	1151	1450	281	914	98	3248	91	46429	465	905	22	36	3	45	5	203	7	13093	61	8	0	-34	4	3	2	13	1	4	1
1145068	PPM	-5902	960	894	228	760	84	2753	80	40080	393	785	18	25	2	39	4	109	5	3200	23	2	0	-21	4	0	2	5	1	2	1
1145069	PPM	-6349	969	1878	261	826	85	2932	81	42611	407	466	14	22	2	37	4	135	6	5041	30	3	0	-11	4	8	2	10	1	1	1
1145070	PPM	-7281	801	961	191	614	62	458	33	44051	353	110	6	7	1	9	3	96	4	3024	19	1	0	-72	3	-5	1	3	1	4	0
1145071	PPM	-5463	1124	394	250	874	99	3107	92	45677	470	921	22	32	3	46	5	132	6	12721	59	8	0	-32	4	7	2	11	1	2	1
1145072	PPM	-5427	1091	1038	258	653	88	2687	84	46631	467	610	17	27	2	37	4	165	6	7328	39	3	0	-10	4	2	2	13	1	2	1
1145073	PPM	-6527	1097	1205	274	824	96	2909	87	46883	473	757	20	29	3	57	5	196	7	11640	55	6	0	-9	5	6	2	23	1	2	1
1145074	PPM	-4753	1129	1369	276	833	95	3317	92	47611	477	780	20	26	3	56	5	231	7	10729	52	6	0	-10	5	11	2	17	1	1	1
1145075	PPM	-5792	1059	1038	257	848	93	3130	88	44847	444	803	20	32	3	48	4	159	6	10052	49	5	0	-5	4	5	2	14	1	1	1
1145076	PPM	-7050	1105	1199	273	946	97	2885	86	50472	499	652	18	29	3	60	5	194	7	11342	54	5	0	-7	5	10	2	21	1	2	1
1145077	PPM	-2208	1148	1742	278	1062	97	2728	82	47791	469	559	16	23	2	40	4	165	6	7420	39	4	0	-11	4	5	2	19	1	1	1
1145078	PPM	-4497	1091	1088	254	813	90	2489	79	47252	462	575	16	25	2	40	4	179	6	7222	39	4	0	-8	4	1	2	29	1	1	1
1145079	PPM	-4498	1233	807	281	765	101	2890	91	51613	535	974	23	32	3	67	5	231	8	15587	70	10	0	-25	5	7	2	26	1	3	1
1145080	PPM	-5948	1237	2388	341	929	109	3265	98	51627	541	1374	29	41	3	56	5	213	8	20801	90	14	1	-63	5	13	2	27	1	6	1
1145081	PPM	-3860	1237	1207	297	999	110	3949	107	48330	512	1378	29	33	3	61	5	241	8	14968	68	9	0	-33	5	8	2	30	1	4	1
1145082	PPM	-5344	1190	1401	297	892	105	3001	94	48017	507	1122	25	35	3	47	5	200	7	13128	61	8	0	-30	5	7	2	30	1	7	1
1145083	PPM	-5509	1098	1522	274	763	91	2736	84	47646	474	790	19	27	2	48	4	119	6	7259	38	4	0	-32	4	3	2	6	1	2	1
1145084	PPM	-6456	1160	1144	281	808	98	2820	88	51115	522	768	20	25	3	51	5	200	7	11205	53	6	0	-15	4	4	2	18	1	3	1
1145085	PPM	-5319	1118	1415	276	868	97	3103	91	46823	478	1030	23	31	3	43	4	169	7	6415	36	4	0	-13	4	5	2	6	1	1	1
1145086	PPM	-5551	1101	1654	281	664	90	2417	80	46844	471	963	22	26	3	51	4	146	6	8034	41	5	0	-25	4	7	2	9	1	2	1
1145087	PPM	-4671	1152	1147	274	798	97	3416	96	47750	488	1154	25	28	3	46	5	181	7	9658	47	5	0	-31	4	5	2	13	1	4	1
1145088	PPM	-6239	1125	1457	282	664	92	3370	96	48412	497	570	17	24	2	48	4	166	7	6739	37	4	0	-11	4	2	2	12	1	3	1
1145089	PPM	-4139	1296	1361	315	822	108	3801	106	53059	560	1151	26	39	3	50	5	273	8	19658	85	11	0	-38	5	16	2	22	1	5	1
1145090	PPM	-6164	1037	1115	251	753	89	3077	87	45024	445	1097	23	32	3	35	4	128	6	5395	31	3	0	-25	4	6	2	8	1	2	1
1145091	PPM	-5343	1165	1200	280	838	99	3266	94	49740	508	898	22	29	3	57	5	181	7	10872	53	6	0	-19	4	7	2	15	1	4	1
1145092	PPM	-4826	1160	1417	286	893	100	3274	94	47878	490	1020	23	33	3	58	5	171	7	11403	54	7	0	-36	4	6	2	11	1	2	1
1145093	PPM	-5077	1189	2000	310	843	100	3839	103	50086	515	815	21	28	3	54	5	208	7	11436	54	6	0	-16	4	8	2	17	1	3	1
1145094	PPM	-4336	1145	1624	295	599	95	3944	104	42963	453	1058	24	33	3	58	5	197	7	12418	58	7	0	-23	4	2	2	15	1	4	1
1145095	PPM	-6541	1147	1634	304	764	102	4089	108	45905	486	1058	25	33	3	55	5	175	7	13622	62	7	0	-24	5	5	2	15	1	4	1
1145096	PPM	-5305	989	1133	240	859	88	3081	85	40526	401	871	19	25	2	48	4	121	6	3084	22	2	0	-15	4	2	2	4	1	1	1
1145097	PPM	-6693	1121	1429	293	875	101	3369	94	46585	475	1177	25	36	3	62	5	234	8	18407	79	11	0	-38	5	7	2	31	1	2	1
1145098	PPM	-3551	1134	1094	268	763	95	3825	100	43869	450	914	22	32	3	48	5	170	7	11022	52	7	0	-31	4	4	2	13	1	4	1
1145099	PPM	-5216	1119	1497	279	824	95	3376	94	47007	478	761	19	22	2	51	4	194	7	7604	40	4	0	-23	4	9	2	15	1	1	1
1145100	PPM	-5052	930	1018	211	668	69	353	35	47296	404	113	7	7	1	19	3	960	12	2586	19	1	0	-78	3	-10	1	33	1	5	1
1145101	PPM	-4910	773	997	187	662	64	334	31	33545	285	86	6	5	1	13	3	387	7	3693	21	2	0	-76	3	-11	1	15	1	5	0
1145102	PPM	-6501	944	1190	244	674	80	509	41	41356	378	179	11	8	2	22	4	682	11	18629	69	10	0	-115	3	7	2	27	1	7	1
1145103	PPM	-5167	1088	1510	276	707	92	3318	92	44136	448	1033	23	33	3	47	4	146	6	9010	45	6	0	-28	4	7	2	8	1	3	1
1145104	PPM	-4787	1100	1187	271	731	94	3499	95	43070	439	1167	25	36	3	56	5	220	7	13099	61	9	0	-31	5	4	2	15	1	4	1
1145105	PPM	-5779	1103	1338	280	1017	103	3906	103	43389	453	984	23	30	3	54	5	171	7	10655	52	6	0	-24	4	5	2	15	1	4	1
1145106	PPM	-6596	1135	1189	284	674	97	3256	95	46950	489	927	23	29	3	63	5	194	7	12874	60	8	0	-35	4	13	2	18	1	6	1
1145107	PPM	-6880	1079	1027	268	478	88	2847	89	43985	457	802	21	32	3	68	5	233	8	10505	50	5	0	-48	4	26	2	62	2	4	1
1145108	PPM	-4746	1095	1067	261	820	94	3552	96	43926	448	780	20	27	3	46	4	148	6	8412	43	5	0	-11	4	6	2	14	1	3	1
1145109	PPM	-5704	1123	1740	294	818	98	4105	105	45658	473	822	21	35	3	52	5	219	7	9605	48	7	0	-20	4	8	2	17	1	3	1
1145110	PPM	-2974	1121	1479	273	920	96	3638	96	43441	441	978	22	29	3	44	4	159	6	7943	41	5	0	-24	4	1	2	10	1	2	1
1145111	PPM	-4081	971	1035	222	483	70	504	41	43433	396	156	9	8	1	22	3	555	9	4433	27	2	0	-82	3	-10	2	20	1	6	1
1145112	PPM	-3170	996	1225	234	624	75	391	39	43060	393	124	9	6	2	18	3	659	10	8022	39	4	0	-92	3	-11	1	12	1	6	1
1145114	PPM	-5789	873	711	196	663	68	308	33	43031	368	113	7	4	1	13	3	152	5	4307	24	2	0	-82	3	-10	1	14	1	4	0
1145115	PPM	-4762	1127	1352	274	602	89	3279	91	47983	479	810	20	35	3	56	5	156	6	9585	45	5	0	-29	4	23	2	16	1	3	1
1145116	PPM	-6337	1052	1263	262	934	94	2930	86	45302	452	697	18	24	2	40	4	156	6	6930	37	5	0	-13	4	5	2	13	1	3	1
1145117	PPM	-6283	1001	1865	269	753	87	3268	89	42617	421	863	20	20	2	40	4	126	6	4243	27	2	0	-12	4	5	2	5	1	1	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1145118	PPM	-4378	1073	1084	257	1005	99	3122	90	41221	423	960	22	32	3	42	4	123	6	7596	40	4	0	-24	4	0	2	11	1	4	1
1145119	PPM	-5605	972	1728	239	594	70	759	43	52153	444	247	9	13	2	18	3	226	6	3141	20	2	0	-71	3	16	2	36	1	5	1
1145120	PPM	-5141	1140	1222	284	890	102	3047	92	44701	465	1257	26	33	3	55	5	147	7	14902	66	7	0	-36	4	2	2	11	1	3	1
1145121	PPM	-5917	1088	1085	266	707	93	3053	91	44134	456	829	21	26	3	52	5	142	6	8627	44	5	0	-23	4	3	2	11	1	2	1
1145122	PPM	-4162	1112	1194	269	594	90	4025	102	43248	443	1112	24	29	3	47	5	179	7	10309	50	6	0	-21	4	7	2	12	1	2	1
1145123	PPM	-5861	1015	1116	250	864	91	3905	96	42498	418	850	20	30	3	30	4	142	6	7904	41	4	0	-32	4	7	2	8	1	6	1
1145124	PPM	-4936	1099	1442	274	756	93	3112	91	44445	454	738	19	25	2	46	4	198	7	7853	41	4	0	-12	4	2	2	10	1	2	1
1145125	PPM	-6748	1109	1218	277	969	101	3278	94	47319	485	834	21	36	3	61	5	200	7	10233	50	6	0	-9	4	9	2	16	1	2	1
1145126	PPM	-6690	1136	716	270	840	102	2813	90	46798	489	963	23	42	3	58	5	199	7	13394	61	7	0	-19	5	25	2	20	1	3	1
1145127	PPM	-3952	1341	1387	337	831	116	3325	104	49711	549	1240	29	47	4	88	6	272	9	28194	117	14	1	-38	5	49	3	44	2	6	1
1145128	PPM	-6308	1089	980	263	890	98	3262	94	45144	465	718	19	28	3	44	4	183	7	8411	43	4	0	-12	4	13	2	13	1	2	1
1145129	PPM	-3939	1110	1354	270	909	97	3061	90	43854	448	1058	23	26	3	42	4	142	6	7011	38	4	0	-23	4	2	2	10	1	3	1
1145130	PPM	-5168	903	1141	225	765	82	2451	73	35384	343	1163	22	33	3	32	4	93	5	3365	22	2	0	-50	3	3	2	16	1	7	1
1145131	PPM	-4632	1111	1480	279	782	95	3238	92	44246	452	1012	23	26	3	61	5	164	7	10354	50	6	0	-9	4	8	2	15	1	3	1
1145132	PPM	-6604	1064	1430	273	724	92	2995	89	44474	454	752	19	29	3	60	5	150	6	7855	41	5	0	-10	4	10	2	13	1	3	1
1145133	PPM	-5747	1116	1480	286	847	98	2741	86	45447	466	798	21	31	3	60	5	200	7	12504	57	7	0	-37	4	15	2	36	1	5	1
1145134	PPM	-5247	1146	1435	290	886	101	3038	91	46085	477	897	22	32	3	60	5	195	7	13413	62	9	0	-24	5	10	2	15	1	4	1
1145135	PPM	-2552	1326	1812	334	660	108	2963	96	49989	540	2050	37	53	4	54	5	283	9	20147	88	13	1	-52	5	51	3	56	2	3	1
1145136	PPM	-5734	1145	1462	289	785	98	3786	101	47621	491	904	22	29	3	49	5	264	8	11404	55	6	0	-9	5	13	2	21	1	4	1
1145137	PPM	-5791	1116	926	266	758	95	3034	91	46126	473	782	20	31	3	52	5	342	9	10566	51	5	0	-18	4	2	2	13	1	2	1
1145138	PPM	-5122	1101	1426	276	793	95	3818	100	44668	456	895	21	31	3	42	4	180	7	8791	44	5	0	-14	4	6	2	13	1	2	1
1145139	PPM	-3650	1051	1043	243	799	88	3401	91	41939	417	897	20	34	3	34	4	131	6	4491	28	3	0	-15	4	1	2	7	1	2	1
1145140	PPM	-6746	1050	1615	277	686	91	3579	96	43613	446	909	21	31	3	42	4	148	6	7456	40	4	0	-12	4	6	2	10	1	1	1
1145141	PPM	-4901	1095	1362	268	806	92	3340	93	45422	459	599	17	33	2	38	4	170	6	6892	37	4	0	-12	4	4	2	14	1	2	1
1145142	PPM	-5629	1102	1427	279	815	96	3114	91	44998	460	887	21	35	3	54	5	164	7	10896	53	7	0	-23	4	8	2	14	1	2	1
1145143	PPM	-5528	1079	1463	269	811	91	3397	93	46142	462	450	15	19	2	43	4	144	6	6293	35	4	0	-12	4	6	2	11	1	2	1
1145201	PPM	-5899	1162	1534	302	855	104	3249	96	46198	486	1192	26	33	3	44	5	180	7	15416	69	9	0	-40	4	3	2	18	1	3	1
1145202	PPM	-7541	1132	1329	288	925	101	3224	94	49912	512	616	18	29	3	52	5	173	7	11779	56	6	0	-21	4	10	2	16	1	3	1
1145203	PPM	-5458	1162	1164	275	891	98	3847	101	51087	518	732	19	25	3	44	4	188	7	7549	40	5	0	-10	4	6	2	15	1	3	1
1145204	PPM	-3090	1118	1140	258	767	91	2582	83	44285	449	615	17	20	2	40	4	159	6	6235	35	4	0	-16	4	2	2	12	1	2	1
1145205	PPM	-7276	1123	1524	296	933	103	2580	85	47584	490	1273	27	42	3	68	5	174	7	15201	68	9	0	-41	4	8	2	20	1	3	1
1145206	PPM	-4296	1072	1420	263	685	88	2900	86	43103	434	941	21	25	3	29	4	127	6	5462	32	3	0	-17	4	-2	2	8	1	2	1
1145207	PPM	-5458	1050	1624	272	678	88	3211	89	43284	432	771	19	28	3	42	4	161	6	8265	43	5	0	-6	4	3	2	13	1	1	1
1145208	PPM	-6710	1072	1254	266	781	91	3036	88	47366	473	618	17	28	2	41	4	157	6	7381	39	5	0	-19	4	4	2	10	1	2	1
1145209	PPM	-4215	1126	1164	267	776	94	3893	101	45199	464	831	20	30	3	46	4	174	7	7347	40	4	0	-9	4	2	2	14	1	1	1
1145210	PPM	-4892	1091	1415	262	701	86	2077	73	48713	476	390	13	21	2	39	4	140	6	4595	27	2	0	-47	4	-1	2	17	1	3	1
1145211	PPM	-4105	1083	1660	271	852	91	3087	87	44681	444	563	16	23	2	42	4	159	6	6189	35	3	0	-16	4	1	2	12	1	2	1
1145212	PPM	-5664	1082	1139	261	716	90	3229	90	46730	464	713	18	28	2	43	4	210	7	8534	44	5	0	-9	4	4	2	12	1	2	1
1145213	PPM	-4092	1161	1551	287	840	97	3389	95	47545	485	797	20	27	3	54	5	256	8	9756	48	6	0	-18	4	10	2	18	1	4	1
1145214	PPM	-7598	1107	1229	288	845	103	3254	96	45031	475	1068	25	35	3	57	5	206	7	14411	66	9	0	-32	5	9	2	18	1	4	1
1145215	PPM	-6524	1155	856	289	860	108	3454	102	43048	469	1045	25	34	3	58	5	167	7	19195	86	13	1	-51	5	7	2	18	1	3	1
1145216	PPM	-5560	749	1030	184	520	58	473	32	34706	286	94	6	4	1	4	3	498	8	3766	21	2	0	-78	3	-7	1	25	1	9	1
1145217	PPM	-7377	1077	1459	290	780	100	3110	94	42131	448	1073	25	29	3	47	5	142	7	12892	60	7	0	-33	4	4	2	10	1	5	1
1145218	PPM	-3803	942	1060	219	742	74	1022	48	42719	375	260	10	15	2	33	3	628	10	7175	33	3	0	-65	3	17	2	19	1	7	1
1145219	PPM	-5173	1158	1018	281	755	100	3175	96	44474	473	852	22	30	3	56	5	556	11	13968	64	8	0	-18	5	17	2	25	1	7	1
1145220	PPM	-5606	1111	1156	279	871	103	3199	97	40940	443	1018	24	31	3	49	5	132	7	11400	55	6	0	-28	4	2	2	13	1	2	1
1145221	PPM	-7135	1083	1237	279	891	102	3066	96	42120	457	721	20	26	3	41	5	161	7	8064	44	5	0	-23	4	2	2	11	1	3	1
1145222	PPM	-3625	1122	1141	263	803	93	2050	76	43973	453	509	16	18	2	38	4	183	7	7331	39	5	0	-49	4	5	2	19	1	3	1
1145223	PPM	-6701	1115	1330	286	782	99	3204	95	45236	475	978	23	27	3	59	5	215	7	11701	55	7	0	-29	4	10	2	13	1	5	1
1145224	PPM	-4213	1146	1606	295	810	100	3573	99	42631	447	1050	24	38	3	48	5	1951	24	14026	63	7	0	-21	5	10	2	83	2	4	1
1145225	PPM	-5156	1138	1404	287	697	96	3256	95	44527	466	832	21	30	3	46	5	179	7	12637	60	8	0	-21	5	5	2	16	1	4	1
1145226	PPM	-7492	1004	1439	268	887	94	3562	94	42039	424	870	21	31	3	49	4	179	7	9133	47	7	0	-24	4	8	2	17	1	3	1
1145227	PPM	-4439	1221	1207	298	908	108	2883	95	45884	499	908	23	35	3	62	5	622	12	14320	67	8	0	-20	5	15	2	23	1	3	1
1145228	PPM	-5671	1077	1368	271	725	93	3235	94	42975	447	936	22	28	3	39	4	173	7	5813	34	3	0	-14	4	3	2	11	1	1	1
1145229	PPM	-6959	1096	1250	284	2852	145	3516	100	43232	461	978	23	29	3	52	5	178	7	10512	52	7	0	-32	4	5	2	16	1	2	1
1145230	PPM	-6150	1105	1463	287	709	97	3606	100	43246	457	955	23	29	3	52	5	189	7	10523	52	7	0	-19	5	5	2	20	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1145231	PPM	-5381	1107	1637	287	782	96	2837	88	43871	455	729	20	24	3	53	5	179	7	10085	50	6	0	-24	4	6	2	12	1	2	1
1145232	PPM	-6370	1230	1053	308	819	112	3255	104	45705	516	1034	26	38	3	64	6	202	8	16571	77	10	0	-37	5	14	2	18	1	4	1
1145233	PPM	-5770	1096	1164	273	811	98	3632	99	43238	450	998	23	29	3	50	5	206	7	11032	53	7	0	-17	5	7	2	18	1	3	1
1145234	PPM	-5065	1079	1730	284	982	100	3148	91	42104	432	1071	23	34	3	39	4	253	8	9480	47	6	0	-27	4	5	2	15	1	3	1
1145235	PPM	-5574	1105	922	267	795	99	3047	92	42748	449	1078	24	32	3	43	5	161	7	12305	58	7	0	-41	4	6	2	14	1	4	1
1145236	PPM	-6556	1066	845	259	663	93	2919	89	42665	443	899	22	26	3	50	5	206	7	10335	50	6	0	-21	4	4	2	16	1	4	1
1145237	PPM	-5722	1102	1064	271	634	93	3122	93	43191	452	849	21	29	3	51	5	189	7	10786	52	7	0	-21	4	4	2	15	1	3	1
1145238	PPM	-6675	1028	1342	267	988	97	3255	90	42239	425	837	20	30	3	45	4	182	7	10553	51	5	0	-16	4	6	2	11	1	3	1
1145239	PPM	-5545	1168	974	283	817	103	3536	101	45626	485	934	23	32	3	48	5	212	8	14791	67	9	0	-31	5	4	2	16	1	3	1
1145240	PPM	-7319	1099	1493	293	777	100	3332	97	44234	467	1005	24	33	3	52	5	192	7	12704	60	8	0	-31	5	7	2	16	1	3	1
1145241	PPM	-7799	1088	1822	299	943	102	3138	93	45896	476	881	22	31	3	54	5	212	7	11781	56	7	0	-21	5	7	2	18	1	3	1
1145242	PPM	-4707	1123	1095	273	756	97	3654	99	43278	451	1080	24	33	3	55	5	182	7	11345	54	7	0	-27	4	5	2	17	1	3	1
1145243	PPM	-6148	1135	1076	282	809	102	3755	103	44957	474	1180	26	37	3	51	5	196	7	13231	62	8	0	-18	5	6	2	24	1	3	1
1145244	PPM	-5993	1084	1453	279	904	99	3284	95	43081	449	897	22	32	3	35	4	339	9	8772	45	6	0	-19	4	2	2	13	1	2	1
1145245	PPM	-5584	1076	1511	278	715	94	3013	90	41924	436	1004	23	34	3	37	4	146	6	9132	46	6	0	-31	4	8	2	14	1	4	1
1145246	PPM	-4854	1166	1125	285	888	103	3636	101	45266	476	1009	24	34	3	51	5	164	7	14127	65	9	0	-35	5	4	2	19	1	3	1
1145247	PPM	-4782	1111	964	257	797	93	1836	73	45685	467	608	17	23	2	38	4	174	7	7607	41	5	0	-36	4	5	2	12	1	2	1
1145248	PPM	-3200	1235	1112	289	958	105	2686	88	48918	510	856	22	27	3	41	5	1127	17	15945	72	9	0	-45	5	27	2	69	2	5	1
1145249	PPM	-4534	1135	1346	275	734	93	1695	72	45693	475	494	16	22	2	51	5	197	7	7341	40	5	0	-31	4	5	2	18	1	3	1
1145250	PPM	-6365	1137	1362	291	758	100	3035	94	45238	481	770	21	30	3	50	5	207	7	12289	59	7	0	-25	5	10	2	18	1	3	1
1145251	PPM	-6075	1111	1529	285	810	97	2950	90	45569	473	627	18	23	2	34	4	199	7	9482	47	5	0	-14	4	5	2	12	1	2	1
1145252	PPM	-5809	1116	1640	293	687	96	2376	83	44149	461	1027	24	26	3	50	5	113	6	12703	59	6	0	-41	4	-1	2	16	1	3	1
1145253	PPM	-5470	1052	1180	253	733	87	1433	64	44757	445	487	15	19	2	35	4	122	6	5473	32	3	0	-26	4	4	2	22	1	2	1
1145254	PPM	-6337	1053	1129	266	759	96	2839	90	40041	427	626	18	20	2	48	5	143	7	8331	44	4	0	-18	4	3	2	11	1	2	1
1145255	PPM	-7173	1102	1238	277	784	96	2788	87	47660	488	844	21	32	3	52	5	223	7	10352	51	7	0	-5	5	9	2	25	1	3	1
1145256	PPM	-6534	1104	1031	270	575	91	1810	74	45815	474	700	19	20	2	46	5	143	7	12679	59	6	0	-32	4	7	2	14	1	3	1
1145257	PPM	-7172	1061	1194	271	990	101	2994	90	43784	453	899	22	27	3	46	5	145	6	9506	48	6	0	-23	4	4	2	13	1	2	1
1145258	PPM	-5670	1093	1001	264	823	96	2777	86	44600	455	840	21	27	3	54	5	199	7	10260	49	5	0	-26	4	4	2	13	1	2	1
1145259	PPM	-4537	1018	813	234	891	90	3161	87	40790	405	949	21	31	3	41	4	134	6	5119	31	3	0	-17	4	4	2	8	1	2	1
1145260	PPM	-4758	1051	1179	256	763	90	2889	85	41601	420	879	20	29	3	34	4	128	6	7532	40	4	0	-15	4	6	2	10	1	2	1
1145261	PPM	-6118	1009	1256	255	660	86	2786	83	41698	414	841	20	30	3	42	4	120	6	7949	41	5	0	-29	4	3	2	8	1	3	1
1145262	PPM	-3927	1117	1111	266	648	91	2769	86	43365	444	720	19	30	3	57	5	179	7	10542	51	6	0	-11	4	7	2	13	1	3	1
1145263	PPM	-6276	970	1122	238	780	85	3763	92	42324	407	1119	22	33	3	34	4	136	6	4175	26	3	0	-11	4	5	2	6	1	2	1
1145264	PPM	-6167	1095	1287	270	1048	98	3424	92	49169	481	899	21	32	3	56	5	209	7	9707	47	6	0	4	4	6	2	23	1	2	1
1145265	PPM	-5711	1117	1526	275	778	88	461	45	54071	508	141	10	13	2	34	4	449	9	15128	66	7	0	-91	4	6	2	71	2	9	1
1145266	PPM	-6470	1049	1954	285	812	93	3253	92	43918	445	737	19	24	2	45	4	173	7	5991	34	3	0	-13	4	14	2	13	1	4	1
1145267	PPM	-5071	1106	1404	280	771	96	3403	96	43187	447	1065	24	29	3	45	5	175	7	10360	51	6	0	-18	4	7	2	11	1	2	1
1145268	PPM	-5826	1012	1456	255	841	88	3065	85	43771	428	693	17	27	2	39	4	140	6	4039	26	3	0	-10	4	-1	2	8	1	2	1
1145269	PPM	-5548	1216	1855	322	982	109	3386	97	50047	516	1584	31	46	4	57	5	339	9	22047	92	13	1	-32	5	33	2	55	2	13	1
1145270	PPM	-3532	1179	1776	300	888	101	3539	98	46170	477	1121	25	36	3	57	5	196	7	12382	58	8	0	-24	5	10	2	35	1	3	1
1145271	PPM	-7688	1219	871	300	871	110	3119	98	51269	549	1155	27	32	3	67	5	228	8	19360	85	11	0	-32	5	6	2	27	1	7	1
1145272	PPM	-5401	1110	1237	269	912	96	3062	88	47874	477	589	17	23	2	41	4	155	6	9370	46	6	0	-7	4	6	2	13	1	1	1
1145273	PPM	-4986	1134	1171	268	697	86	451	44	54824	509	110	11	4	2	21	4	357	8	19650	78	9	0	-106	4	-1	2	81	2	9	1
1145274	PPM	-4940	1095	1349	269	873	96	2933	89	43913	453	764	19	23	2	39	4	123	6	5471	32	3	0	-21	4	2	2	7	1	3	1
1145275	PPM	-4860	1092	1422	269	837	94	2542	83	44294	454	551	16	21	2	40	4	142	6	5232	32	3	0	-16	4	1	2	8	1	3	1
1145276	PPM	-6862	1114	1148	273	810	97	1702	74	47115	494	388	15	19	2	50	5	145	7	7230	40	5	0	-35	4	3	2	13	1	3	1
1145277	PPM	-4409	1097	1579	273	821	93	3267	93	44012	451	825	20	25	2	39	4	119	6	4194	27	3	0	-13	4	2	2	6	1	3	1
1145278	PPM	-4777	1122	1044	265	774	93	2692	84	46788	471	641	18	31	3	48	5	161	7	10329	49	6	0	-38	4	5	2	14	1	3	1
1145279	PPM	-5288	1153	1600	290	823	98	3461	98	48149	498	647	18	29	3	49	5	150	7	7937	42	4	0	-11	4	4	2	13	1	2	1
1145280	PPM	-4930	1139	1041	271	708	96	3325	97	44553	471	797	21	30	3	48	5	151	7	8387	44	5	0	-23	4	6	2	10	1	3	1
1145281	PPM	-4087	1214	1571	304	958	109	3118	100	44378	493	591	19	27	3	48	5	181	7	8095	45	5	0	-22	5	7	2	12	1	3	1
1145282	PPM	-6297	895	1491	225	607	68	289	34	44429	388	102	7	9	1	21	3	121	5	3118	22	1	0	-78	3	4	2	15	1	3	1
1145283	PPM	-4705	1155	502	248	797	97	2067	80	46637	492	514	16	26	2	46	4	156	7	5678	34	4	0	-16	4	2	2	11	1	2	1
1145284	PPM	-2423	1212	1261	275	571	89	1181	65	48446	506	325	13	19	2	38	4	146	6	5215	32	4	0	-30	4	2	2	13	1	3	1
1145285	PPM	-5342	923	569	198	842	74	252	33	45751	398	65	6	7	1	20	3	114	5	3859	24	2	0	-83	3	2	2	15	1	4	1
1145286	PPM	-5744	1099	1112	260	867	94	1634	69	47754	483	489	15	22	2	45	4	156	6	4650	29	3	0	-29	4	2	2	10	1	2	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1145287	PPM	-5140	1134	1455	278	748	92	3459	93	49969	495	969	22	34	3	54	5	195	7	8808	44	5	0	-8	4	2	2	14	1	2	1
1145288	PPM	-5641	1187	999	284	736	100	2729	91	48084	511	693	20	28	3	61	5	158	7	12551	60	7	0	-32	5	2	2	16	1	4	1
1145289	PPM	-4531	840	1121	198	634	65	410	34	38431	330	115	6	5	1	18	3	64	4	1337	12	0	0	-63	3	24	2	3	1	5	1
1145290	PPM	-5574	883	1715	227	599	67	433	36	42868	369	112	7	8	1	18	3	176	5	3405	21	2	0	-72	3	11	2	1	1	3	0
1145291	PPM	-5440	1091	1090	257	691	88	1888	72	47117	472	435	14	18	2	43	4	146	6	6533	35	4	0	-45	4	3	2	27	1	2	1
1145292	PPM	-3494	1157	683	250	676	92	2576	86	45537	478	672	18	24	2	37	4	144	6	4480	29	3	0	-33	4	1	2	8	1	1	1
1145293	PPM	-4720	1153	591	254	812	97	2225	80	47442	490	669	19	24	3	37	4	141	6	9348	48	5	0	-22	4	1	2	9	1	2	1
1145294	PPM	-3709	1325	1638	329	820	108	2898	94	54238	573	635	21	27	3	65	5	188	8	21905	93	11	1	-28	5	5	2	24	1	8	1
1145295	PPM	-6235	1113	1425	280	923	98	3113	91	47930	486	685	19	26	3	49	5	154	6	9171	46	5	0	-4	4	6	2	12	1	2	1
1145296	PPM	-5426	1090	1023	259	947	98	3392	95	44648	458	755	19	27	3	35	4	132	6	6717	37	4	0	-12	4	1	2	9	1	2	1
1145297	PPM	-6587	1071	1092	264	835	95	3730	98	45400	460	922	21	34	3	45	4	157	6	8827	45	5	0	-12	4	6	2	13	1	2	1
1145298	PPM	-6775	1119	1289	287	688	98	3509	101	44499	475	908	23	29	3	59	5	185	7	10699	53	6	0	-23	5	2	2	12	1	3	1
1145299	PPM	-7135	1161	1814	314	861	105	3196	97	47308	505	1003	24	34	3	47	5	153	7	13899	65	7	0	-39	5	4	2	10	1	3	1
1145300	PPM	-7144	1052	1405	271	732	93	2448	82	44384	458	929	21	25	3	37	4	152	6	5150	31	3	0	-15	4	3	2	7	1	3	1
1145301	PPM	-5750	1164	1289	294	762	102	3411	100	45167	482	1120	26	37	3	51	5	177	7	14223	65	8	0	-33	5	7	2	13	1	5	1
1145402	PPM	-3333	1217	917	278	784	100	2583	87	47695	501	773	21	27	3	63	5	155	7	13059	61	8	0	-37	4	4	2	12	1	3	1
1145403	PPM	-5106	1188	1146	287	843	102	3394	98	48215	505	981	23	32	3	54	5	226	8	13026	61	8	0	-19	5	7	2	18	1	4	1
1145404	PPM	-5358	1174	1025	278	809	99	1912	77	48753	508	711	20	24	3	53	5	388	9	12323	59	7	0	-33	5	6	2	15	1	4	1
1145405	PPM	-3833	1218	1605	308	1144	111	2934	91	47498	495	1154	26	27	3	78	5	298	9	19456	84	12	0	-36	5	12	2	49	2	5	1
1145406	PPM	-5999	1170	1457	299	759	101	2673	90	46561	499	849	22	25	3	53	5	217	8	12442	60	8	0	-30	5	6	2	19	1	3	1
1145407	PPM	-4197	1157	1395	284	748	96	2255	80	45893	475	816	21	26	3	46	5	157	7	12318	58	8	0	-42	4	6	2	12	1	4	1
1145408	PPM	-6592	1092	828	261	612	91	2316	80	45670	468	755	20	23	3	55	5	208	7	12290	58	7	0	-37	4	7	2	21	1	4	1
1145409	PPM	-5910	1171	1550	302	721	101	2709	91	46021	495	828	22	26	3	58	5	192	7	12318	59	8	0	-30	5	7	2	18	1	4	1
1145410	PPM	-5341	1130	1089	276	1039	105	4047	105	44560	465	1042	24	34	3	54	5	241	8	11879	56	7	0	-19	5	6	2	14	1	3	1
1145411	PPM	-7773	1143	1371	302	740	103	3949	106	46873	496	1336	28	40	3	62	5	262	8	17919	79	11	0	-17	5	22	2	41	2	3	1
1145412	PPM	-3854	1153	1500	286	691	95	2259	81	44262	464	820	21	29	3	36	4	152	7	10154	51	7	0	-24	5	6	2	22	1	3	1
1145413	PPM	-6755	1174	875	277	896	103	1421	71	49765	529	589	18	22	3	58	5	167	7	11129	56	8	0	-44	5	10	2	33	1	3	1
1145414	PPM	-5956	1208	1226	300	954	108	2067	80	49905	525	970	24	20	3	54	5	199	8	18907	83	13	0	-50	5	10	2	23	1	4	1
1145415	PPM	-5837	1208	1162	303	919	110	3115	97	46823	505	1092	26	31	3	55	5	199	8	19101	84	12	0	-54	5	8	2	22	1	3	1
1145416	PPM	-4452	1263	1108	305	1107	116	2907	96	48432	525	1255	28	39	3	64	5	277	9	19993	89	12	1	-38	5	14	2	61	2	6	1
1145417	PPM	-5412	1152	1494	296	918	104	2654	87	45337	475	982	23	33	3	51	5	181	7	16241	72	10	0	-41	5	11	2	24	1	3	1
1145418	PPM	-5309	1174	1311	286	711	97	1790	76	48357	508	623	18	27	3	57	5	182	7	9505	49	6	0	-15	5	15	2	39	1	4	1
1145419	PPM	-4216	1151	1182	275	831	99	3795	103	44597	469	1109	24	28	3	62	5	158	7	8220	43	5	0	-11	4	6	2	14	1	3	1
1145420	PPM	-7108	1076	1722	290	816	98	3191	94	44306	461	979	23	26	3	49	5	182	7	9247	47	5	0	-20	4	5	2	16	1	3	1
1145421	PPM	-6683	1111	1261	283	685	96	3124	93	45208	471	926	22	30	3	56	5	190	7	12989	60	9	0	-33	5	8	2	21	1	3	1
1145422	PPM	-6015	1240	636	296	588	106	3319	103	46940	518	1536	32	41	4	63	6	1098	17	20935	92	10	1	-44	5	16	2	46	2	6	1
1145423	PPM	-6111	1158	1293	293	527	97	3208	99	44835	486	1114	25	30	3	55	5	233	8	12350	61	8	0	-23	5	7	2	28	1	3	1
1145424	PPM	-6634	1113	1236	282	807	101	3236	97	44150	471	1243	26	37	3	90	5	203	7	10007	51	6	0	-27	5	9	2	17	1	4	1
1145425	PPM	-5152	1199	1624	309	774	104	3360	100	46689	499	1237	27	33	3	65	5	290	9	15252	70	9	0	-20	5	12	2	29	1	4	1
1145426	PPM	-5719	1215	677	285	790	108	3195	101	46070	509	1280	28	38	3	66	5	279	9	15937	75	11	0	-40	5	14	2	34	1	5	1
1145427	PPM	-7442	1165	1701	317	855	107	3209	98	46739	502	1067	25	35	3	75	5	217	8	17643	79	12	0	-33	5	15	2	69	2	5	1
1145428	PPM	-6534	1265	1009	317	860	115	3282	104	48326	539	1327	30	44	4	70	6	353	10	25502	112	18	1	-61	5	24	2	45	2	8	1
1145429	PPM	-7168	1037	1076	256	750	91	2763	86	44177	451	660	18	20	2	46	4	133	6	5323	32	3	0	-24	4	2	2	10	1	3	1
1145430	PPM	-8007	1156	988	300	771	107	3837	106	45721	492	1437	30	39	3	59	5	198	8	21744	92	12	1	-45	5	8	2	27	1	3	1
1145431	PPM	-6058	1157	1213	294	852	105	2826	91	44913	479	1147	26	37	3	64	5	237	8	16130	72	10	0	-40	5	9	2	33	1	4	1
1145432	PPM	-4701	1129	1181	278	807	100	3323	97	42259	449	1213	26	32	3	53	5	188	7	11162	55	7	0	-30	4	5	2	16	1	3	1
1145433	PPM	-6772	1052	1450	272	656	90	2880	87	43951	449	846	20	29	3	49	4	193	7	7664	41	5	0	-29	4	3	2	11	1	1	1
1145434	PPM	-3508	1184	1264	287	836	104	3046	96	42383	463	1036	24	31	3	52	5	160	7	10143	51	7	0	-30	5	3	2	12	1	3	1
1145435	PPM	-4975	1129	1796	295	735	97	3366	96	44441	464	1140	25	36	3	48	5	218	7	9108	46	7	0	-35	4	8	2	15	1	3	1
1145436	PPM	-7329	1143	1457	309	727	106	3355	103	42444	473	1260	28	34	3	53	5	203	8	15627	73	9	0	-50	5	8	2	16	1	4	1
1145437	PPM	-5280	1099	713	256	939	100	3512	96	43518	448	1040	23	29	3	49	5	167	7	11086	53	7	0	-8	5	5	2	18	1	3	1
1145438	PPM	-7034	1085	1061	273	704	96	3478	98	43906	458	1077	24	33	3	52	5	166	7	11869	56	7	0	-26	4	4	2	19	1	2	1
1145439	PPM	-5572	1201	1228	299	748	103	3439	100	47715	507	1160	26	29	3	64	5	182	7	16277	73	9	0	-31	5	8	2	19	1	1	1
1145440	PPM	-6581	1199	1748	320	830	108	3052	99	46821	516	794	22	29	3	78	6	201	8	13463	65	8	0	-29	5	20	2	21	1	6	1
1145441	PPM	-4723	1095	1312	269	861	95	2797	86	43697	448	609	17	26	2	40	4	159	6	7271	39	4	0	-11	4	7	2	11	1	2	1
1145442	PPM	-6642	1241	1422	317	897	111	3868	109	50790	548	1194	27	42	3	64	5	531	11	19367	86	12	1	-35	5	35	2	41	2	4	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1145443	PPM	-5722	1200	1212	300	899	112	3374	107	43241	495	900	24	30	3	39	5	152	7	10371	54	6	0	-42	5	3	2	14	1	4	1
1145444	PPM	-6263	1083	1516	283	911	100	2725	88	42793	450	934	22	32	3	37	4	147	7	7781	42	5	0	-24	4	9	2	10	1	3	1
1145445	PPM	-7318	1167	876	289	656	103	3940	110	45553	501	1062	26	33	3	56	5	172	7	13864	66	7	0	-36	5	9	2	15	1	4	1
1145446	PPM	-3363	1149	1800	291	673	93	1781	73	44014	459	653	18	27	3	52	5	155	7	7822	41	6	0	-35	4	19	2	23	1	2	1
1145451	PPM	-1962	1511	2023	372	728	115	1035	70	62351	683	462	20	46	3	69	6	178	8	31138	128	18	1	-120	5	10	2	36	1	50	1
1145452	PPM	-5937	1167	1195	288	725	100	3061	94	47526	501	1225	26	31	3	67	5	217	8	12047	58	8	0	-25	5	9	2	25	1	3	1
1145453	PPM	-5524	1097	1290	273	825	96	2833	88	43967	455	770	20	27	3	46	4	149	6	8480	43	4	0	-20	4	5	2	11	1	3	1
1145454	PPM	-5549	1128	1432	286	954	103	3072	93	44726	470	895	22	30	3	60	5	194	7	10113	50	6	0	-11	5	7	2	15	1	2	1
1145455	PPM	-5180	983	1161	236	779	81	484	43	43455	408	282	11	17	2	48	4	149	6	6510	34	5	0	-61	3	19	2	24	1	5	1
1145456	PPM	-5417	1100	1622	282	932	98	2605	85	44724	461	600	17	24	2	55	5	156	7	7472	40	4	0	-15	4	6	2	22	1	2	1
1145457	PPM	-4915	1220	1244	299	688	104	2665	94	45216	505	755	22	33	3	60	5	213	8	10476	54	6	0	-11	5	10	2	19	1	6	1
1145458	PPM	-6563	1155	1101	288	841	103	3055	94	46560	493	834	22	32	3	44	5	191	7	14533	67	9	0	-28	5	10	2	19	1	8	1
1145459	PPM	-6973	1073	739	258	842	99	2958	91	43301	455	909	22	30	3	44	5	178	7	9835	49	6	0	-41	4	2	2	16	1	5	1
1145460	PPM	-6127	1004	1516	262	865	92	2851	86	40272	411	871	20	31	3	37	4	125	6	4138	27	2	0	-25	4	2	2	10	1	3	1
1145461	PPM	-5793	1048	742	243	939	96	3415	94	42874	437	829	20	29	3	37	4	166	6	5934	34	3	0	-19	4	2	2	12	1	4	1
1145462	PPM	-4426	1236	946	294	678	104	3347	101	46353	504	1189	27	34	3	55	5	238	8	17340	78	10	0	-30	5	9	2	25	1	3	1
1145463	PPM	-4555	1043	714	237	825	92	3502	93	40882	413	1091	23	30	3	45	4	136	6	6670	36	4	0	-18	4	4	2	10	1	2	1
1145464	PPM	-7347	1279	1569	340	691	114	3556	109	50158	562	1716	35	46	4	71	6	922	16	23405	103	12	1	-43	5	15	2	35	2	7	1
1145465	PPM	-6277	1176	1066	294	740	106	3023	98	44213	488	1261	28	33	3	60	5	200	8	14317	67	8	0	-46	5	14	2	28	1	5	1
1145466	PPM	-7039	1191	1433	314	767	109	3005	96	46672	506	1853	35	40	4	67	6	274	9	18857	84	10	0	-27	5	13	2	26	1	4	1
1145467	PPM	-3420	1146	1270	274	719	95	3164	96	42105	451	506	16	22	2	45	5	151	7	6593	38	4	0	-13	4	5	2	10	1	2	1
1145468	PPM	-6056	1102	1210	280	738	98	2777	91	41618	448	764	21	23	3	55	5	139	7	10222	52	6	0	-24	5	5	2	10	1	3	1
1145469	PPM	-7848	1045	1121	268	874	99	2927	92	42366	451	536	17	17	2	45	4	188	7	6694	38	4	0	-11	4	7	2	9	1	2	1
1145470	PPM	-4532	1055	1548	265	702	88	2898	86	41933	424	737	18	28	2	31	4	146	6	4776	30	3	0	-9	4	3	2	9	1	2	1
1145471	PPM	-4489	1117	878	260	661	96	2885	94	40093	440	874	22	26	3	44	5	138	7	5575	34	3	0	-15	4	3	2	11	1	3	1
1145472	PPM	-6261	1186	2160	325	841	105	3798	105	48550	512	1274	27	39	3	75	5	254	8	13972	65	7	0	-9	5	7	2	18	1	2	1
1145473	PPM	-6548	1162	1050	291	584	100	2866	94	45037	488	1161	26	35	3	61	5	207	8	15901	74	10	0	-29	5	7	2	23	1	3	1
1145474	PPM	-6047	1256	1122	317	649	108	3474	104	48445	528	1340	30	37	4	89	6	337	10	25853	110	15	1	-46	5	18	2	38	2	5	1
1145475	PPM	-6029	1174	1351	299	884	105	3240	96	47419	498	1039	24	34	3	53	5	202	7	15906	71	9	0	-32	5	9	2	23	1	2	1
1145476	PPM	-6239	1267	699	305	497	106	2812	98	47385	534	1160	28	33	3	56	6	192	8	21754	95	13	1	-68	5	12	2	22	1	3	1
1145477	PPM	-6075	1163	1742	308	837	103	3150	96	46098	491	895	23	26	3	72	5	162	7	12932	61	7	0	-22	5	5	2	14	1	3	1
1145478	PPM	-5710	1114	1526	285	536	90	2457	84	44647	467	753	20	28	3	67	5	176	7	8868	44	5	0	-36	4	23	2	37	1	4	1
1145479	PPM	-3997	1189	1535	298	581	97	2875	96	42506	474	490	17	28	3	45	5	168	7	7050	40	4	0	-21	4	2	2	24	1	3	1
1145480	PPM	-6850	1132	1325	289	692	99	2410	88	44844	488	612	19	26	3	56	5	194	7	8660	46	4	0	-20	4	12	2	52	2	3	1
1145481	PPM	-5815	1177	1365	297	739	101	2388	87	46262	498	748	21	40	3	66	5	195	7	12338	59	8	0	-35	5	36	2	49	2	5	1
1145482	PPM	-4004	1143	704	255	598	91	2403	83	44753	465	675	19	35	3	57	5	170	7	8942	45	4	0	-16	4	26	2	19	1	4	1
1145483	PPM	-4424	1187	1842	308	764	101	3085	95	45736	486	968	23	42	3	74	5	190	7	11751	56	6	0	-20	5	53	3	63	2	5	1
1145484	PPM	-7564	1071	999	267	750	95	2975	90	45230	467	773	20	26	3	54	5	202	7	10379	51	6	0	2	5	15	2	20	1	3	1
1145485	PPM	-5344	1132	1547	287	633	93	2451	84	45325	475	721	20	28	3	59	5	171	7	8535	44	4	0	-12	4	11	2	16	1	3	1
1145486	PPM	-2349	1094	1338	264	733	91	3671	96	40020	407	909	21	34	3	55	5	194	7	9148	46	5	0	0	5	11	2	22	1	2	1
1145487	PPM	-3490	1104	1810	280	941	94	3302	89	45305	445	726	19	27	2	49	4	238	7	10309	49	6	0	-33	4	17	2	51	2	4	1
1145488	PPM	-6594	1050	763	254	944	99	3531	95	42588	434	1379	27	30	3	40	4	163	7	11906	56	7	0	-36	4	4	2	17	1	3	1
1145489	PPM	-5121	1022	1033	247	820	89	3664	92	41984	411	685	18	24	2	38	4	154	6	9161	45	5	0	-8	4	6	2	10	1	2	1
1145490	PPM	-6548	1093	1483	285	841	98	3839	99	45851	463	1059	23	32	3	56	5	249	8	14590	66	8	0	-14	5	12	2	23	1	5	1
1145491	PPM	-5624	1121	1091	272	788	95	3129	89	47800	477	938	22	47	3	72	5	227	7	14219	64	8	0	-11	5	22	2	28	1	2	1
1145492	PPM	-6083	1261	1413	321	896	111	3129	96	52993	553	1447	30	53	4	105	6	322	9	26873	111	15	1	-42	5	14	2	52	2	5	1
1145493	PPM	-6348	1281	1304	325	956	116	3132	99	51912	560	1513	32	47	4	81	6	393	10	23403	101	11	1	-32	5	9	2	36	1	3	1
1145494	PPM	-4997	892	1150	218	751	74	747	43	39258	349	199	10	23	2	42	4	106	5	8855	41	5	0	-84	3	51	2	17	1	8	1
1145495	PPM	-4232	999	1401	242	750	80	1133	53	44566	411	358	12	27	2	50	4	135	6	6546	34	4	0	-56	4	20	2	30	1	4	1
1145496	PPM	-6050	1016	1317	254	738	85	2695	78	45394	430	656	17	42	3	52	4	171	6	10062	46	6	0	-47	4	22	2	30	1	4	1
1145497	PPM	-7453	1166	817	290	910	107	3036	92	48790	504	995	24	45	3	102	6	229	8	23711	98	8	1	-29	5	14	2	23	1	4	1
1145498	PPM	-5326	1040	1126	253	693	86	3239	88	43720	428	705	18	28	2	39	4	148	6	8968	45	5	0	-10	4	9	2	14	1	2	1
1145499	PPM	-8874	1308	839	350	838	122	1771	81	49664	555	587	24	102	5	112	7	324	10	50894	198	19	1	-124	5	62	3	29	1	10	1
1145500	PPM	-6094	1113	1153	277	1063	102	3288	91	47600	474	921	22	30	3	67	5	188	7	15570	69	8	0	-22	5	9	2	14	1	3	1
1145551	PPM	-9367	959	1120	252	885	92	3523	92	44132	433	988	21	28	3	45	4	142	6	7856	41	5	0	-27	4	0	2	8	1	3	1
1145552	PPM	-5329	1123	1461	282	634	91	3472	94	47345	475	894	21	35	3	42	4	189	7	12114	57	8	0	-17	5	8	2	14	1	2	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1145553	PPM	-5321	1135	743	266	771	97	3852	100	46908	474	1038	24	35	3	46	5	180	7	15189	69	9	0	-24	5	10	2	14	1	1	1
1145554	PPM	-6697	1050	1424	274	860	95	3529	93	43969	439	1059	23	31	3	52	5	148	6	12715	59	8	0	-28	5	1	2	9	1	4	1
1145555	PPM	-5518	1077	1509	275	677	90	3591	94	45189	448	872	21	27	3	46	4	189	7	11507	55	6	0	-2	5	8	2	13	1	3	1
1145556	PPM	-4858	1123	1190	273	769	95	3761	99	46001	466	982	22	31	3	45	5	194	7	12048	57	7	0	-26	5	2	2	14	1	2	1
1145557	PPM	-6053	1024	1696	270	750	88	3422	90	43519	427	899	20	28	3	45	4	149	6	8142	42	5	0	-18	4	3	2	12	1	2	1
1145558	PPM	-6617	1061	1816	285	708	90	3561	94	45682	452	859	20	32	3	48	4	198	7	11697	55	7	0	-4	5	8	2	16	1	3	1
1145559	PPM	-4058	1069	1369	267	856	94	3539	94	40550	412	775	20	28	3	54	5	181	7	10659	52	7	0	-10	5	6	2	15	1	2	1
1145560	PPM	-7226	1029	1501	277	601	90	3792	100	41312	427	854	21	30	3	63	5	182	7	10499	52	7	0	-6	5	2	2	14	1	2	1
1145561	PPM	-5822	1060	1233	267	843	96	3537	96	41995	431	870	21	33	3	42	4	220	7	9977	50	6	0	-10	5	9	2	14	1	2	1
1145562	PPM	-5392	1040	822	248	887	94	3960	99	41378	416	982	22	33	3	63	5	230	7	11404	55	7	0	-13	5	9	2	15	1	2	1
1145563	PPM	-5408	1038	1145	260	637	89	3897	99	39875	407	872	21	32	3	46	4	184	7	10474	51	6	0	-9	5	9	2	16	1	3	1
1145564	PPM	-5408	1097	622	254	606	93	3558	99	41506	440	901	22	31	3	51	5	204	7	10788	53	6	0	-10	5	4	2	14	1	2	1
1145565	PPM	-5523	1082	1562	285	574	91	3598	99	40847	429	816	21	36	3	42	5	187	7	11307	55	7	0	-16	5	11	2	14	1	3	1
1145566	PPM	-4617	1065	1442	273	876	96	3818	98	40245	412	946	22	29	3	54	5	193	7	11554	55	7	0	-12	5	7	2	15	1	3	1
1145567	PPM	-5379	1085	1542	285	693	95	4036	105	40244	427	933	22	30	3	60	5	200	7	10749	53	6	0	-13	5	8	2	20	1	3	1
1145568	PPM	-5750	1034	934	254	755	93	3229	93	38862	406	749	20	30	3	44	4	198	7	8994	46	5	0	-12	4	5	2	16	1	1	1
1145569	PPM	-4557	1074	1077	258	735	91	3525	95	41956	427	763	19	32	3	56	5	224	7	9170	46	5	0	-8	4	6	2	12	1	2	1
1145570	PPM	-3618	1099	1354	268	631	88	3707	97	42476	432	668	18	29	3	53	5	211	7	9301	46	5	0	-2	4	10	2	13	1	1	1
1145571	PPM	-5589	1010	1281	257	871	92	3388	90	39937	400	760	19	31	3	57	4	211	7	9835	49	6	0	-8	5	8	2	16	1	2	1
1145572	PPM	-7946	1013	1541	277	793	95	3654	97	41675	429	915	22	30	3	56	5	223	7	9650	48	6	0	-9	5	6	2	13	1	1	1
1145573	PPM	-4818	1094	1857	293	631	93	3564	98	41085	429	989	23	31	3	50	5	165	7	10833	52	6	0	-22	4	8	2	11	1	3	1
1145574	PPM	-2892	1174	1797	302	673	97	3765	102	42379	447	976	23	32	3	58	5	192	7	14358	65	9	0	-20	5	5	2	14	1	3	1
1145575	PPM	-4550	1085	803	250	652	90	3159	91	42175	434	631	18	29	3	60	5	220	7	8640	44	5	0	-3	4	4	2	13	1	3	1
1145576	PPM	-6584	1079	1205	275	540	91	3650	100	42346	446	780	21	30	3	67	5	179	7	10973	53	7	0	-9	5	5	2	14	1	3	1
1145577	PPM	-4078	1046	1487	266	822	92	2951	85	39605	399	930	21	29	3	53	4	132	6	9812	48	6	0	-26	4	5	2	10	1	4	1
1145578	PPM	-6355	1071	1443	282	831	98	3198	93	42037	437	983	23	33	3	44	5	185	7	11703	55	8	0	-22	4	4	2	13	1	2	1
1145579	PPM	-6592	1077	1760	292	794	97	3261	94	43015	446	917	22	31	3	52	5	162	7	11464	54	7	0	-22	4	3	2	12	1	3	1
1145580	PPM	-7081	1078	1001	274	677	96	3331	96	42275	445	917	23	33	3	63	5	181	7	14395	66	8	0	-23	5	6	2	16	1	3	1
1145581	PPM	-8938	1014	1086	270	940	101	3834	101	42324	438	1142	25	34	3	47	5	159	7	12200	57	7	0	-22	5	7	2	11	1	3	1
1145582	PPM	-6778	1039	1055	264	868	97	3605	97	41037	425	998	23	30	3	57	5	180	7	10733	51	7	0	-22	4	5	2	14	1	9	1
1145583	PPM	-5746	1054	1434	271	970	98	3068	89	42251	429	909	21	31	3	53	5	188	7	9753	48	6	0	-12	4	7	2	15	1	3	1
1145584	PPM	-6148	1107	1226	280	760	98	3548	98	44060	458	999	23	33	3	56	5	189	7	13153	61	7	0	-9	5	7	2	18	1	6	1
1145585	PPM	-6600	1052	1139	268	613	91	3791	100	41620	430	980	23	25	3	52	5	174	7	12031	57	7	0	-16	5	5	2	17	1	5	1
1145586	PPM	-6599	1021	694	245	754	91	3817	97	41490	419	892	21	33	3	44	4	193	7	11108	54	6	0	-6	5	4	2	16	1	1	1
1145653	PPM	-5050	1088	1469	277	678	92	3700	98	42876	439	868	21	29	3	50	5	199	7	10049	50	6	0	-3	5	11	2	15	1	3	1
1145654	PPM	-6966	1012	1362	265	949	96	3593	95	41414	420	1015	22	29	3	44	4	164	6	8605	43	6	0	-19	4	3	2	17	1	3	1
1145655	PPM	-6764	1044	1459	271	787	92	2933	86	44242	444	778	19	32	3	40	4	169	6	9186	45	6	0	-21	4	2	2	15	1	4	1
1145656	PPM	-4148	1080	953	252	979	96	3473	93	43122	432	939	21	30	3	43	4	169	6	8930	44	6	0	-22	4	-1	2	18	1	3	1
1145657	PPM	-4457	1059	1382	261	791	89	2891	84	43399	429	825	20	27	2	47	4	159	6	7533	39	5	0	-23	4	0	2	15	1	2	1
1145658	PPM	-6250	1125	1396	284	913	100	3585	98	47394	487	996	23	33	3	52	5	181	7	10301	50	6	0	-26	4	2	2	19	1	3	1
1145659	PPM	-5164	1075	1316	266	751	92	3098	89	43808	444	967	22	29	3	48	4	167	6	7177	38	5	0	-28	4	1	2	14	1	3	1
1145660	PPM	-4793	1028	906	240	792	88	2779	82	41797	414	742	18	24	2	42	4	145	6	6591	36	4	0	-16	4	0	2	12	1	2	1
1145661	PPM	-2588	1223	1203	281	455	89	3831	102	50083	511	812	21	35	3	53	5	216	7	10549	51	7	0	-15	5	8	2	18	1	2	1
1145662	PPM	-6929	1095	1982	299	717	94	3697	99	46373	475	817	20	31	3	55	5	192	7	9569	48	6	0	-10	5	7	2	15	1	2	1
1145663	PPM	-5596	1104	1330	277	537	89	3836	100	44721	458	884	21	26	3	54	5	222	7	11326	55	7	0	-13	5	8	2	18	1	2	1
1145664	PPM	-5850	1116	1429	282	707	94	3750	101	45882	474	784	20	30	3	56	5	198	7	9461	48	6	0	-10	5	4	2	16	1	1	1
1145665	PPM	-4281	1179	1308	286	472	91	4157	106	47415	490	946	23	33	3	51	5	236	8	11912	56	7	0	-7	5	16	2	19	1	3	1
1145666	PPM	-6497	1112	915	268	738	96	4242	107	46086	478	849	21	35	3	56	5	196	7	10484	51	7	0	-18	5	11	2	18	1	3	1
1145667	PPM	-4292	1151	839	262	792	95	2955	89	47312	483	748	20	22	3	53	5	187	7	9682	48	6	0	-5	5	2	2	16	1	1	1
1145668	PPM	-6165	1130	1467	291	584	94	3870	103	45890	478	962	23	33	3	64	5	241	8	12333	58	7	0	-11	5	18	2	19	1	3	1
1145669	PPM	-4720	1139	2398	314	782	97	3435	97	44659	465	774	20	29	3	53	5	176	7	9960	50	6	0	-9	5	4	2	14	1	4	1
1145670	PPM	-6289	1103	1520	284	596	91	3659	99	45849	471	747	20	32	3	47	5	187	7	9864	49	6	0	-15	4	2	2	15	1	3	1
1145671	PPM	-5205	1129	1508	286	917	100	3587	98	45935	471	869	21	30	3	54	5	190	7	11013	53	7	0	-7	5	5	2	16	1	2	1
1145672	PPM	-4541	1103	890	256	849	95	3453	94	44328	451	662	18	24	2	54	5	176	7	9205	46	7	0	-13	4	6	2	14	1	2	1
1145673	PPM	-4234	1138	1122	270	760	95	3647	98	45622	467	877	21	27	3	46	5	188	7	9787	49	7	0	-8	5	7	2	15	1	3	1
1145674	PPM	-4750	1112	1940	293	833	95	3398	94	45127	458	736	19	26	3	56	5	169	7	9855	49	6	0	-11	5	5	2	17	1	4	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1145675	PPM	-6365	1058	1194	265	618	89	3521	94	44272	445	844	20	30	3	46	4	173	7	10575	51	7	0	-20	4	10	2	15	1	2	1
1145676	PPM	-3044	1116	1106	262	705	91	3728	97	43433	437	931	21	30	3	50	4	179	7	10882	52	7	0	-10	5	8	2	15	1	4	1
1145677	PPM	-5303	1100	929	262	745	94	3531	97	44236	454	883	21	27	3	49	5	181	7	10187	50	6	0	-8	5	4	2	15	1	2	1
1145678	PPM	-6342	1026	892	248	877	93	3275	90	42487	427	880	21	28	3	49	4	212	7	8072	41	6	0	-27	4	7	2	24	1	4	1
1145679	PPM	-6018	1079	1041	262	902	96	3497	94	45552	458	797	20	28	3	42	4	169	7	9905	49	7	0	-16	4	8	2	14	1	2	1
1145680	PPM	-5731	1066	1398	270	886	95	3480	93	44443	444	871	21	26	3	48	4	171	7	10345	50	7	0	-6	5	8	2	15	1	3	1
1145681	PPM	-4697	1193	1708	296	488	88	3306	94	52365	527	721	19	33	3	50	5	212	7	10132	50	6	0	-12	5	11	2	19	1	3	1
1145682	PPM	-5131	1099	1351	271	783	92	3118	89	46448	463	757	19	26	3	43	4	169	6	9391	47	6	0	-8	4	3	2	14	1	2	1
1145683	PPM	-6697	1025	851	245	813	91	3462	92	44364	438	868	20	27	3	42	4	154	6	7635	40	5	0	1	4	4	2	11	1	2	1
1145684	PPM	-6220	1034	1364	262	886	92	2968	85	44019	436	731	18	25	2	49	4	163	6	8456	43	6	0	-10	4	5	2	14	1	2	1
1145685	PPM	-5302	1093	1214	267	871	95	3401	92	46041	459	816	20	24	3	52	4	205	7	10284	50	7	0	-3	5	6	2	17	1	2	1
1145686	PPM	-5657	1081	813	250	742	90	3150	88	46906	464	872	20	30	3	41	4	192	7	9099	45	5	0	-16	4	4	2	15	1	2	1
1145687	PPM	-3222	1142	1704	284	640	90	3478	95	45383	459	802	20	28	3	45	4	189	7	9467	47	6	0	-6	5	6	2	17	1	3	1
1145688	PPM	-7040	1077	1490	278	726	92	3188	90	47550	475	762	19	27	3	44	4	186	7	9861	49	6	0	-8	5	8	2	17	1	3	1
1145689	PPM	-6246	1076	1342	270	864	94	3252	90	46817	465	726	19	30	3	38	4	164	6	9373	47	6	0	-9	4	2	2	14	1	3	1
1145690	PPM	-6341	1107	1760	295	649	94	3863	101	46021	470	1082	24	34	3	55	5	182	7	12100	57	7	0	-9	5	5	2	17	1	2	1
1145691	PPM	-4548	1078	1302	263	655	88	2906	87	43292	438	576	17	24	2	44	4	170	6	6870	37	3	0	-8	4	6	2	11	1	2	1
1145692	PPM	-4680	1108	1245	270	545	88	3568	95	45278	456	889	21	28	3	55	5	184	7	10918	52	7	0	-2	5	12	2	18	1	2	1
1145693	PPM	-5156	1094	595	246	707	91	3556	95	44960	455	786	20	28	3	57	5	181	7	10069	50	6	0	-4	5	9	2	15	1	4	1
1145694	PPM	-6183	1004	1017	243	1025	94	3407	90	42930	423	985	21	30	3	38	4	139	6	4697	29	3	0	-13	4	3	2	8	1	2	1
1145695	PPM	-4097	1144	883	267	706	95	3683	99	44344	459	941	22	34	3	47	5	169	7	12793	60	7	0	-21	5	6	2	16	1	2	1
1145696	PPM	-5079	1112	919	262	854	96	3520	96	45604	463	865	21	32	3	40	4	186	7	10710	52	7	0	-12	5	6	2	16	1	2	1
1145697	PPM	-4251	1080	1514	269	660	88	3499	93	43958	438	942	21	31	3	44	4	161	6	7859	41	5	0	-13	4	2	2	10	1	3	1
1145698	PPM	-5483	1074	1844	286	788	93	3456	93	43854	442	983	22	27	3	41	4	158	6	9834	48	6	0	-18	4	4	2	11	1	2	1
1145699	PPM	-5123	1069	1477	274	769	93	3989	99	42999	430	1020	22	27	3	36	4	145	6	11808	54	6	0	-20	4	1	2	10	1	2	1
1145700	PPM	-6393	1039	1032	256	814	93	3987	99	43829	436	1087	23	33	3	50	4	150	6	9850	48	6	0	-16	4	4	2	11	1	2	1
1145701	PPM	-3568	1029	1385	249	750	85	2767	81	40975	403	724	18	23	2	40	4	114	6	4071	26	3	0	-23	4	2	2	6	1	2	1
1145702	PPM	-5925	1083	1553	283	766	95	3195	92	43550	446	895	22	30	3	44	5	144	6	11780	55	7	0	-34	4	6	2	9	1	4	1
1145703	PPM	-4493	1044	1496	259	763	87	3108	87	42894	425	471	14	17	2	26	4	116	6	3931	26	2	0	-4	4	4	2	8	1	2	1
1145704	PPM	-7440	1007	1427	264	776	89	3183	89	43785	435	555	16	27	2	38	4	142	6	6898	37	3	0	-23	4	7	2	12	1	2	1
1145705	PPM	-5522	1126	1372	283	604	92	2624	85	45972	472	602	18	29	3	52	5	158	7	12233	57	4	0	-15	4	5	2	12	1	4	1
1145706	PPM	-4460	1032	1078	244	573	82	2888	84	41548	414	809	19	24	2	36	4	138	6	4766	29	2	0	-13	4	-1	2	11	1	1	1
1145707	PPM	-6640	1143	1328	290	694	96	2966	91	48317	498	748	20	36	3	48	5	198	7	13801	63	8	0	-28	5	6	2	14	1	5	1
1145708	PPM	-4367	1149	1326	277	1035	100	3316	93	48467	487	680	19	29	3	37	4	189	7	9925	48	6	0	-19	4	7	2	16	1	3	1
1145709	PPM	-4902	1135	1120	272	773	95	2981	89	47221	477	806	20	27	3	57	5	440	10	11658	54	6	0	-31	4	7	2	18	1	3	1
1145751	PPM	-4942	1120	1685	285	528	88	3791	100	46103	469	1021	23	32	3	45	4	169	7	8209	42	5	0	-15	4	4	2	12	1	1	1
1145752	PPM	-5384	1068	775	242	822	90	1548	65	46666	459	560	16	21	2	40	4	123	6	7376	38	5	0	-39	4	3	2	6	1	2	1
1145753	PPM	-7696	1065	977	261	911	96	2235	78	47510	478	705	19	22	2	35	4	140	6	9728	48	7	0	-36	4	3	2	9	1	3	1
1145754	PPM	-5559	1046	980	245	948	91	2326	76	45836	449	549	16	20	2	43	4	132	6	5493	32	4	0	-27	4	2	2	9	1	2	1
1145755	PPM	-5944	1049	1305	265	834	93	3504	93	43264	434	963	22	32	3	46	4	140	6	9494	47	5	0	-29	4	4	2	11	1	3	1
1145756	PPM	-4749	1113	1273	263	712	87	940	56	48960	484	311	13	17	2	40	4	150	6	7015	38	6	0	-31	4	6	2	12	1	3	1
1145757	PPM	-7078	1089	1522	286	800	97	2760	87	46001	471	820	21	32	3	46	5	183	7	11870	56	8	0	-20	5	8	2	20	1	3	1
1145758	PPM	-3624	1023	1072	232	743	80	1050	53	45381	423	346	12	18	2	32	4	122	5	4282	25	3	0	-43	3	11	2	11	1	1	1
1145759	PPM	-3969	1134	896	259	691	92	3075	91	44903	463	750	20	26	3	48	4	164	7	8617	45	6	0	-21	4	7	2	16	1	4	1
1145760	PPM	-5362	1053	633	236	930	94	3030	88	43608	440	621	17	25	2	33	4	133	6	5445	32	4	0	-27	4	3	2	10	1	2	1
1145761	PPM	-6755	1112	1338	283	639	94	3558	98	46633	482	876	22	29	3	48	5	196	7	11004	54	6	0	-14	5	15	2	19	1	2	1
1145762	PPM	-5085	1153	1317	281	861	96	967	58	50133	500	537	17	21	2	45	4	170	7	16105	71	12	0	-50	5	18	2	20	1	8	1
1145763	PPM	-5425	1146	924	266	665	91	2070	76	50145	504	648	18	23	2	46	4	195	7	12211	58	8	0	-27	5	6	2	23	1	3	1
1145764	PPM	-4044	1112	1210	261	917	93	1796	70	47304	467	542	16	20	2	35	4	152	6	8394	43	6	0	-27	4	7	2	22	1	2	1
1145765	PPM	-4441	1204	1333	299	828	107	2608	94	42571	481	821	22	31	3	51	5	192	8	9496	51	6	0	-31	5	3	2	26	1	4	1
1145766	PPM	-6402	967	908	230	811	83	830	50	43164	411	330	12	14	2	33	4	218	6	6801	36	5	0	-74	3	4	2	35	1	3	1
1145767	PPM	-2955	1182	1538	288	854	98	3151	92	46706	479	806	21	28	3	45	5	198	7	11529	55	7	0	-26	4	9	2	23	1	5	1
1145768	PPM	-4727	1175	1421	294	595	97	3699	103	45219	482	1014	24	33	3	59	5	225	8	12190	59	7	0	-47	4	6	2	23	1	3	1
1145769	PPM	-6879	1261	626	296	563	104	3722	112	48414	552	1002	26	32	3	61	6	271	9	14872	68	9	0	-22	5	9	2	31	1	4	1
1145770	PPM	-6215	906	805	214	597	74	299	38	38467	367	71	7	4	1	8	3	122	5	4969	29	3	0	-89	3	-10	2	21	1	4	1
1145771	PPM	-7189	1111	1042	278	788	101	2879	94	43707	477	721	20	27	3	57	5	161	7	9128	48	5	0	-49	4	0	2	15	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1145772	PPM	-4694	1057	1085	245	545	78	190	39	46868	451	57	7	9	2	21	4	130	6	7876	42	4	0	-86	4	8	2	35	1	4	1
1145773	PPM	-5732	1032	1307	257	669	85	712	51	43029	429	226	11	10	2	32	4	147	6	9169	46	5	0	-83	4	9	2	15	1	4	1
1145774	PPM	-5799	978	988	237	556	79	1957	68	41846	399	596	16	25	2	38	4	160	6	9370	44	5	0	-61	4	30	2	15	1	4	1
1145775	PPM	-5812	1079	1299	267	746	92	1654	70	44182	456	533	16	20	2	41	4	159	6	6492	37	4	0	-27	4	1	2	11	1	3	1
1145776	PPM	-5433	1079	1492	274	792	93	2107	76	44064	447	553	17	21	2	49	4	146	6	10360	51	7	0	-31	4	6	2	14	1	3	1
1145777	PPM	-4378	1320	1340	292	847	96	439	50	68595	674	104	8	9	2	20	4	284	8	5528	36	2	0	-52	4	36	2	77	2	5	1
1145778	PPM	-4820	1085	846	245	539	82	1554	66	47051	464	448	15	15	2	32	4	136	6	6314	33	4	0	-38	4	131	3	36	1	2	1
1145779	PPM	-5506	1104	842	252	602	86	2055	75	48585	484	528	16	18	2	42	4	156	6	7910	41	5	0	-42	4	172	3	41	2	4	1
1145780	PPM	-4924	1249	1401	306	662	102	2430	90	49265	539	616	19	26	3	46	5	181	7	11754	59	7	0	-46	5	7	2	16	1	4	1
1145781	PPM	-6681	1133	1329	289	821	100	2903	90	47004	488	891	22	29	3	52	5	200	7	14639	67	9	0	-27	5	42	2	30	1	4	1
1145782	PPM	-6099	1097	1182	270	899	98	2740	87	45608	469	958	22	33	3	52	5	173	7	8728	45	6	0	-50	4	3	2	8	1	2	1
1145783	PPM	-4754	1176	1261	281	923	99	2311	80	50386	511	669	19	26	3	47	5	167	7	12491	58	9	0	-47	4	8	2	29	1	3	1
1145784	PPM	-7533	1166	1332	296	944	105	1188	67	50222	531	688	20	24	3	46	5	171	7	13310	63	9	0	-56	4	7	2	21	1	4	1
1145785	PPM	-3648	931	1100	215	577	70	433	38	40255	364	174	8	12	2	32	3	103	5	4063	24	3	0	-65	3	253	4	12	1	4	1
1145786	PPM	-5369	1162	1035	276	694	97	3189	96	46827	496	717	20	27	3	48	5	213	7	8780	46	5	0	-21	4	9	2	14	1	2	1
1145787	PPM	-4793	1219	1014	281	661	96	2751	89	52248	542	672	19	25	3	53	5	199	7	10650	53	7	0	-36	4	10	2	20	1	4	1
1145788	PPM	-5677	1124	1509	285	793	96	2479	84	46032	479	635	18	29	3	43	4	189	7	8041	42	5	0	-30	4	12	2	17	1	2	1
1145789	PPM	-4675	932	1052	217	445	67	176	34	41565	379	87	7	4	1	15	3	510	9	3114	21	1	0	-84	3	1	2	12	1	4	1
1145790	PPM	-5400	1047	1163	239	623	75	442	41	55237	488	117	8	6	1	21	3	979	13	5287	30	2	0	-83	3	4	2	16	1	5	1
1145791	PPM	-3415	923	926	206	748	71	234	32	42481	368	68	6	4	1	16	3	701	10	4873	27	3	0	-81	3	-3	1	24	1	4	1
1145792	PPM	-4384	962	1357	229	530	69	348	36	46311	406	77	7	4	1	13	3	169	5	5129	27	3	0	-88	3	-3	1	1	1	4	0
1145793	PPM	-5393	807	852	188	574	63	392	34	36628	317	94	6	7	1	11	3	284	6	1326	13	0	0	-77	3	-8	1	330	3	8	1
1145794	PPM	-5717	1172	1416	296	911	104	3478	100	47550	500	920	23	28	3	62	5	204	7	13054	62	8	0	-19	5	13	2	19	1	6	1
1145795	PPM	-6239	1160	1148	289	897	104	3040	93	47528	496	984	24	30	3	64	5	196	7	16902	75	11	0	-20	5	52	3	25	1	5	1
1145796	PPM	-7189	1147	1231	287	824	101	1907	79	48050	511	584	18	23	3	51	5	216	8	10729	54	7	0	-38	4	17	2	19	1	10	1
1145797	PPM	-6363	1175	1211	294	821	106	3628	107	45041	501	921	23	32	3	50	5	174	7	8936	48	6	0	-21	5	7	2	17	1	4	1
1145798	PPM	-4153	1132	1415	274	703	91	3059	89	47628	476	788	20	24	2	53	4	180	7	8392	43	5	0	-18	4	6	2	13	1	4	1
1145799	PPM	-5559	1169	1299	283	705	94	1819	74	51058	520	605	18	25	2	49	5	197	7	11555	56	8	0	-47	4	4	2	24	1	4	1
1145800	PPM	-5864	1253	1369	312	869	109	2873	97	50383	552	807	22	24	3	64	5	275	9	13530	64	8	0	-34	5	77	3	21	1	9	1
1145801	PPM	-4602	1116	884	260	722	91	506	50	44863	457	135	11	19	2	39	4	245	8	15939	70	10	0	-109	4	9	2	89	2	13	1
1145802	PPM	-7455	1117	1141	287	574	93	1194	63	46912	480	323	15	18	2	34	5	164	7	23961	96	13	1	-99	4	37	2	115	2	23	1
1145803	PPM	-6508	1036	939	247	779	92	2191	79	42253	442	497	15	19	2	45	4	92	6	1697	17	1	0	-8	4	2	2	3	1	0	1
1145804	PPM	-5275	1174	1243	288	868	104	2670	92	45286	493	461	16	22	2	39	5	140	7	8467	46	4	0	-24	5	4	2	9	1	4	1
1145805	PPM	-3480	1206	972	271	796	98	1889	78	48123	509	401	15	25	2	53	5	156	7	6900	39	4	0	-19	4	7	2	13	1	3	1
1145806	PPM	-5448	1102	841	250	691	88	2016	73	49153	485	514	16	25	2	41	4	164	6	7615	39	5	0	-29	4	5	2	13	1	3	1
1145807	PPM	-6228	1133	1436	288	773	100	2744	92	44878	486	730	20	27	3	45	5	136	7	5878	35	3	0	-14	4	3	2	9	1	2	1
1145808	PPM	-7063	1116	1024	271	716	96	1678	75	46091	495	367	14	19	2	44	4	149	7	6416	38	4	0	-23	5	4	2	15	1	3	1
1145809	PPM	-5773	1086	1087	268	739	94	1996	77	42210	443	431	16	19	2	38	4	116	6	10028	50	4	0	-20	4	5	2	11	1	3	1
1145810	PPM	-6630	1084	901	259	759	94	2733	88	44716	468	515	16	25	2	42	4	139	6	6862	38	4	0	-17	4	8	2	17	1	1	1
1145811	PPM	-5431	1019	1416	254	720	86	2605	81	42418	424	727	18	21	2	28	4	98	5	2361	19	1	0	-15	4	1	2	3	1	1	1
1145812	PPM	-5691	1073	1335	270	724	91	2734	83	44861	447	1005	22	29	3	48	4	136	6	11595	54	7	0	-29	4	4	2	12	1	4	1
1145813	PPM	-4111	1101	1695	277	732	90	2731	83	45386	452	747	19	25	2	45	4	162	6	8471	43	5	0	-7	4	4	2	14	1	1	1
1145814	PPM	-5062	1068	1657	273	861	91	2378	77	45363	444	634	17	25	2	50	4	170	6	9782	47	5	0	0	4	6	2	17	1	1	1
1145815	PPM	-4161	778	979	182	693	63	590	35	34205	287	215	8	12	1	20	3	76	4	2277	16	1	0	-65	3	-6	1	24	1	2	1
1145816	PPM	-5638	1103	1478	280	740	94	2517	84	44794	463	762	20	24	3	40	4	129	6	9173	47	4	0	-12	4	4	2	12	1	3	1
1145817	PPM	-6414	961	1312	243	647	82	2480	77	41086	402	891	19	26	2	33	4	113	5	2824	21	2	0	-11	4	1	2	7	1	1	1
1145818	PPM	-6158	970	1286	243	744	81	862	49	43921	407	239	11	19	2	38	4	139	6	9965	44	7	0	-70	3	47	2	7	1	5	1
1145819	PPM	-5862	1039	937	248	537	84	2831	85	42655	432	527	16	21	2	36	4	137	6	6461	36	3	0	-5	4	0	2	9	1	2	1
1145820	PPM	-6059	1097	1677	284	709	92	1942	73	47349	473	909	21	60	3	77	5	166	7	11296	53	5	0	-29	4	10	2	13	1	4	1
1145821	PPM	-4972	1133	602	254	977	98	1121	60	49005	486	714	19	21	2	55	5	197	7	14722	65	7	0	-44	4	4	2	19	1	6	1
1145822	PPM	-5978	1030	1069	251	750	85	469	44	46115	436	216	12	11	2	29	4	187	6	17711	75	8	0	-104	4	-2	2	9	1	7	1
1145823	PPM	-3936	894	1198	218	654	70	396	35	38990	338	119	9	4	1	12	3	141	5	14877	58	10	0	-115	3	-5	1	6	1	14	1
1145824	PPM	-6537	1047	789	254	843	90	436	44	46490	442	197	13	26	2	51	4	179	7	23065	87	12	0	-109	4	0	2	41	1	21	1
1145825	PPM	-7031	1095	1180	276	913	100	2779	88	45545	474	708	19	31	3	65	5	179	7	10712	53	5	0	-11	5	8	2	16	1	2	1
1145826	PPM	-6014	912	1163	226	717	74	485	38	43550	378	142	9	6	2	15	3	182	6	12731	52	7	0	-100	3	-10	1	3	1	5	1
1145827	PPM	-3519	907	1162	218	557	68	452	36	39295	341	139	9	6	2	12	3	163	5	12659	50	6	0	-98	3	-8	1	3	1	5	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1145828	PPM	-6230	938	959	232	637	79	344	40	39376	375	93	9	6	2	19	4	118	6	14303	63	6	0	-101	3	-10	2	114	2	12	1
1145829	PPM	-6726	955	748	229	813	87	2769	81	39944	393	1008	21	31	3	46	4	122	6	6002	33	4	0	-15	4	3	2	7	1	2	1
1145830	PPM	-6673	1069	1699	286	845	96	3099	90	44485	452	887	21	27	3	43	4	175	7	11240	53	6	0	-7	5	3	2	21	1	3	1
1145831	PPM	-5668	1056	1304	264	788	92	2398	79	43857	439	959	21	25	3	39	4	155	6	8474	43	4	0	-13	4	1	2	10	1	3	1
1145832	PPM	-6483	1068	1109	261	766	91	1305	62	46998	464	650	18	23	2	36	4	117	6	11243	53	6	0	-35	4	2	2	8	1	2	1
1145833	PPM	-3730	1069	1327	256	705	86	2531	78	44430	433	817	19	48	3	68	5	159	6	6989	37	4	0	-10	4	11	2	10	1	1	1
1145834	PPM	-7518	995	1197	253	851	90	2438	78	44007	434	478	15	22	2	43	4	138	6	6377	35	4	0	-10	4	3	2	13	1	2	1
1145835	PPM	-5155	1067	933	241	741	84	985	54	49482	472	544	15	20	2	48	4	158	6	5156	30	4	0	-29	4	0	2	13	1	3	1
1145836	PPM	-5811	1004	1392	252	705	84	3226	86	43804	422	1082	22	32	3	50	4	140	6	5498	31	4	0	-16	4	6	2	7	1	3	1
1145837	PPM	-5444	1096	1381	275	682	94	2526	86	42448	452	842	21	25	3	37	4	127	6	4692	30	2	0	-21	4	2	2	11	1	3	1
1145838	PPM	-4249	1072	1325	256	817	89	2447	77	46278	449	1054	22	30	3	41	4	137	6	5726	33	4	0	-14	4	3	2	10	1	1	1
1145839	PPM	-3327	1258	1597	308	762	101	3009	92	52061	535	1062	24	34	3	57	5	265	8	16473	74	8	0	-25	5	6	2	23	1	3	1
1145840	PPM	-4422	1014	1377	244	815	84	2822	80	43973	420	698	17	20	2	29	4	99	5	2387	19	1	0	-6	4	1	2	4	1	2	1
1145841	PPM	-5283	686	851	165	662	58	474	30	30360	247	116	6	4	1	14	3	57	4	2538	17	1	0	-79	3	-7	1	19	1	5	1
1145842	PPM	-2963	1060	1301	246	899	88	2819	81	44099	427	853	19	25	2	36	4	103	5	2815	21	2	0	-24	4	-2	2	4	1	1	1
1145843	PPM	-5182	998	1658	254	839	86	2563	77	43222	416	940	20	24	2	41	4	91	5	2151	18	1	0	-13	4	1	2	5	1	1	1
1145844	PPM	-6757	1171	882	272	877	99	1428	68	53536	544	546	17	26	2	43	4	214	7	11724	56	8	0	-23	5	3	2	19	1	3	1
1145845	PPM	-5108	1181	983	274	646	94	1555	71	49870	517	517	17	17	2	39	4	198	7	10681	53	6	0	-23	4	1	2	16	1	2	1
1145846	PPM	-5262	1065	952	247	728	89	2864	86	44369	450	664	17	26	2	26	4	105	6	3098	23	1	0	-10	4	4	2	6	1	1	1
1145847	PPM	-5761	1079	1653	273	794	89	2679	82	47819	472	380	13	21	2	31	4	134	6	5021	30	3	0	-1	4	2	2	10	1	1	1
1145848	PPM	-6973	1049	1754	270	937	90	1922	69	50665	482	508	15	22	2	34	4	177	6	5155	29	3	0	-30	4	2	2	23	1	1	1
1145849	PPM	-5925	1105	1053	263	756	91	2548	81	49159	486	693	18	27	2	41	4	141	6	9453	46	6	0	-21	4	6	2	9	1	2	1
1145850	PPM	-5843	1135	654	260	836	98	2764	87	47786	489	843	21	32	3	34	4	130	6	11550	55	7	0	-27	4	2	2	11	1	4	1
1145851	PPM	-6192	1110	1548	278	768	91	2617	82	50625	498	596	17	29	2	42	4	188	7	8640	44	5	0	-9	4	3	2	10	1	1	1
1145852	PPM	-6207	1115	1142	268	718	92	2999	89	49425	496	611	17	19	2	35	4	181	7	8847	45	5	0	-19	4	1	2	12	1	1	1
1145853	PPM	-5407	1076	1547	270	799	91	3119	89	45970	458	787	19	25	2	31	4	140	6	6550	36	3	0	-23	4	4	2	12	1	3	1
1145854	PPM	-5703	1036	1181	252	877	91	3074	87	43785	437	649	17	26	2	27	4	138	6	5061	30	3	0	-12	4	4	2	6	1	1	1
1145855	PPM	-5219	1064	1621	267	798	89	2761	82	46244	454	696	18	20	2	37	4	146	6	5401	32	4	0	-13	4	4	2	6	1	2	1
1145856	PPM	-6134	1002	1559	264	980	95	3054	87	40410	408	823	20	23	2	35	4	136	6	6554	36	4	0	-8	4	0	2	11	1	2	1
1145857	PPM	-5419	1042	867	249	939	98	2646	87	38224	410	527	16	17	2	35	4	112	6	5426	33	3	0	-13	4	2	2	10	1	2	1
1145858	PPM	-5853	955	923	232	861	89	2790	83	37104	377	491	15	26	2	34	4	109	6	3383	23	2	0	-9	4	-1	2	5	1	1	1
1145859	PPM	-5721	1097	1448	285	653	95	2853	92	40607	440	623	19	23	3	38	5	158	7	8837	46	4	0	-27	4	4	2	11	1	1	1
1145860	PPM	-3934	1166	1312	290	705	100	3171	98	41120	449	922	23	33	3	45	5	213	8	12803	61	6	0	-18	5	3	2	18	1	3	1
1145861	PPM	-5662	1093	879	262	886	100	2844	90	41776	445	633	18	24	3	48	5	153	7	9115	47	5	0	-19	4	5	2	15	1	2	1
1145862	PPM	-6739	1047	1026	262	905	98	2859	89	41263	433	687	19	26	3	28	4	159	7	8875	46	5	0	-13	4	2	2	13	1	2	1
1145863	PPM	-4646	1132	1346	285	795	100	2860	92	41218	445	763	21	26	3	51	5	172	7	9961	51	6	0	-17	5	5	2	17	1	2	1
1145864	PPM	-4769	1014	1024	239	765	85	2261	73	42582	412	552	16	21	2	33	4	140	6	7250	38	4	0	-17	4	3	2	10	1	1	1
1145865	PPM	-4867	1193	1074	289	724	102	3364	100	45785	490	1085	25	32	3	73	5	281	8	15254	70	8	0	-24	5	5	2	16	1	3	1
1145866	PPM	-4784	1189	1287	296	678	102	2963	96	43578	480	969	24	29	3	69	5	228	8	12618	61	7	0	-20	5	6	2	14	1	3	1
1145867	PPM	-4745	1005	1553	256	828	88	2959	84	40378	399	644	17	23	2	36	4	130	6	4793	29	3	0	-16	4	1	2	5	1	2	1
1145868	PPM	-6782	999	1167	255	903	93	2888	84	41349	413	678	18	23	2	50	4	198	7	9034	45	5	0	-9	4	6	2	12	1	2	1
1145869	PPM	-5464	1086	1402	277	713	95	2815	91	40800	439	792	20	24	3	39	4	137	6	6120	36	4	0	-30	4	4	2	7	1	2	1
1145870	PPM	-5858	1118	1219	283	594	96	2699	91	41056	451	772	21	29	3	41	5	152	7	10723	54	7	0	-30	5	9	2	18	1	4	1
1145871	PPM	-5695	1072	1803	287	628	91	3272	93	42249	435	1080	24	34	3	66	5	183	7	11322	54	7	0	-28	4	5	2	17	1	3	1
1145872	PPM	-5908	1032	1095	262	677	95	4136	110	35905	399	719	20	21	2	29	4	105	6	4850	31	2	0	-19	4	3	2	7	1	2	1
1145873	PPM	-4809	1093	1511	282	683	95	3270	95	40067	426	898	22	29	3	39	5	175	7	9615	49	6	0	-30	4	4	2	14	1	2	1
1145874	PPM	-4450	1124	1031	268	831	99	2975	92	42300	449	776	20	34	3	38	5	156	7	8501	45	5	0	-22	4	4	2	13	1	2	1
1145875	PPM	-6213	1041	1098	261	835	95	3148	90	41330	424	750	19	25	3	43	4	183	7	9761	48	5	0	-12	4	5	2	12	1	3	1
1145876	PPM	-4203	1171	917	271	727	99	2042	82	43105	473	458	16	22	2	43	5	161	7	8061	45	5	0	-28	5	8	2	12	1	4	1
1145877	PPM	-4229	1104	1495	275	658	90	2637	85	42581	442	575	17	21	2	30	4	146	6	7615	41	4	0	-10	4	3	2	12	1	2	1
1145878	PPM	-4951	1136	890	266	678	96	2276	85	42573	463	611	18	23	3	47	5	170	7	9376	50	6	0	-32	5	5	2	13	1	3	1
1145879	PPM	-5540	1098	1244	271	785	96	3265	95	43794	457	839	21	29	3	39	4	170	7	8456	44	5	0	-22	4	5	2	12	1	2	1
1145880	PPM	-5208	1023	1460	258	718	86	2198	75	41850	417	488	15	22	2	28	4	120	6	5748	33	3	0	-24	4	1	2	10	1	2	1
1146006	PPM	-4858	1058	1797	272	785	89	3330	90	44675	440	944	21	33	3	30	4	142	6	5393	31	4	0	-27	4	4	2	12	1	3	1
1146007	PPM	-4627	1168	703	266	925	101	3454	96	48133	491	1005	23	34	3	59	5	231	8	14147	64	10	0	-21	5	9	2	24	1	4	1
1146008	PPM	-5372	1146	1775	296	880	99	3421	94	48964	492	1005	23	31	3	43	5	195	7	13080	60	8	0	-26	5	7	2	22	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1146009	PPM	-5832	1092	688	252	989	99	3856	99	46367	465	884	21	30	3	38	4	240	7	10658	52	6	0	-6	5	9	2	21	1	3	1
1146010	PPM	-6226	1115	1022	271	808	97	3960	102	46906	478	1054	23	36	3	47	5	213	7	11565	55	8	0	-16	5	7	2	19	1	2	1
1146011	PPM	-5542	813	1307	213	677	72	1408	54	32261	300	445	13	21	2	24	3	148	5	3696	23	2	0	-66	3	-3	2	42	1	7	1
1146012	PPM	-5663	1063	924	258	707	93	2154	78	41063	426	721	19	23	3	45	5	198	7	12208	57	7	0	-66	4	9	2	47	2	6	1
1146013	PPM	-5207	1144	2012	304	783	97	3147	92	47116	480	1080	24	32	3	46	5	162	7	13266	61	9	0	-36	4	7	2	15	1	2	1
1146014	PPM	-4596	1178	1026	281	815	100	3114	91	48476	494	1022	24	26	3	57	5	325	9	16429	72	10	0	-22	5	11	2	25	1	4	1
1146015	PPM	-6132	1058	923	255	780	92	3860	97	45223	446	1106	23	34	3	49	4	158	6	10821	51	7	0	-21	4	8	2	17	1	3	1
1146016	PPM	-6599	1046	1094	256	837	93	3070	88	45345	452	977	22	29	3	47	4	190	7	7656	40	5	0	-34	4	9	2	14	1	1	1
1146017	PPM	-6160	1122	1654	294	921	100	3136	91	47117	478	977	23	32	3	54	5	289	8	14282	64	10	0	-29	5	12	2	36	1	3	1
1146018	PPM	-4816	1136	1336	281	759	95	3204	91	46626	472	868	21	28	3	55	5	206	7	13435	61	9	0	-24	5	4	2	18	1	2	1
1146019	PPM	-5875	1076	1693	282	847	94	3484	93	45263	452	912	21	29	3	38	4	183	7	10465	50	6	0	-14	4	6	2	14	1	2	1
1146020	PPM	-4472	1099	1615	280	883	96	3109	90	43178	442	841	21	28	3	40	4	151	6	9227	47	6	0	-19	4	1	2	12	1	2	1
1146021	PPM	-3152	1222	1571	302	691	99	3348	96	47930	497	1093	25	31	3	75	5	278	8	17329	77	11	0	-20	5	9	2	21	1	2	1
1146022	PPM	-5576	1126	1131	276	776	98	2878	89	45866	472	1249	26	34	3	58	5	194	7	14112	66	10	0	-44	5	12	2	21	1	4	1
1146023	PPM	-3740	1286	1463	316	946	111	2111	82	51224	542	1400	29	72	4	148	7	326	9	21412	93	13	1	-29	5	128	3	30	1	4	1
1146024	PPM	-5810	1141	1018	279	880	103	3970	104	45750	477	1374	28	45	3	49	5	374	9	14240	64	9	0	-36	4	7	2	48	2	4	1
1146025	PPM	-5357	1094	766	255	822	95	3349	93	44786	453	934	22	27	3	40	4	236	7	11393	54	7	0	-29	4	5	2	30	1	3	1
1146026	PPM	-5456	1258	1528	323	724	107	3408	101	50299	535	1578	32	47	4	120	6	319	9	23937	101	13	1	-30	5	9	2	79	2	3	1
1146027	PPM	-5563	1104	1213	271	830	96	3243	91	46412	467	1112	24	33	3	53	5	224	7	10926	52	7	0	-27	4	8	2	45	2	2	1
1146028	PPM	-5675	1098	1733	285	906	97	3094	89	46739	468	1127	24	32	3	38	4	183	7	9618	48	6	0	-12	4	3	2	24	1	3	1
1146029	PPM	-4304	1155	1159	277	858	100	3243	95	45423	474	986	23	32	3	58	5	180	7	10716	52	6	0	-43	4	9	2	38	1	3	1
1146030	PPM	-4692	1047	878	239	671	85	1769	69	43711	433	681	17	21	2	42	4	136	6	4016	26	3	0	-48	4	0	2	10	1	2	1
1146031	PPM	-6505	1094	783	260	680	93	3296	93	45996	469	1043	23	28	3	55	5	189	7	12017	57	7	0	-14	5	7	2	19	1	3	1
1146051	PPM	-6005	1164	1547	301	673	99	3946	105	47288	493	1184	26	30	3	60	5	251	8	16075	72	9	0	-13	5	12	2	33	1	4	1
1146052	PPM	-7354	1217	1319	309	743	104	2671	89	53328	554	1260	27	45	3	68	5	289	9	20467	88	9	0	-26	5	8	2	37	1	3	1
1146053	PPM	-6823	987	1236	247	907	89	2909	83	43729	425	659	17	25	2	30	4	123	6	4969	30	3	0	-15	4	0	2	9	1	1	1
1146054	PPM	-7280	1208	1386	308	1112	113	2637	88	53101	550	1644	31	38	3	52	5	316	9	19470	85	11	0	-24	5	8	2	30	1	3	1
1146055	PPM	-5890	1200	870	284	840	103	2726	88	51667	530	1298	27	36	3	52	5	266	8	18045	77	10	0	-46	4	13	2	36	1	2	1
1146056	PPM	-2873	1185	1368	284	692	95	3521	96	46965	478	1072	24	29	3	54	5	183	7	12803	59	7	0	-26	4	3	2	15	1	4	1
1146057	PPM	-4371	1275	1056	297	899	110	2455	89	51749	556	1603	31	39	3	62	5	242	8	12500	61	9	0	-42	5	21	2	28	1	5	1
1146058	PPM	-3822	1189	1382	288	965	103	3441	97	47899	493	1055	24	38	3	53	5	202	7	12015	56	8	0	-39	4	5	2	32	1	3	1
1146059	PPM	-4925	954	1214	228	570	73	572	43	42373	393	125	8	7	1	20	3	113	5	3656	24	1	0	-66	3	28	2	21	1	4	1
1146060	PPM	-3824	1131	1661	279	970	96	3040	87	48341	475	757	19	29	3	54	4	157	6	9207	46	5	0	-10	4	5	2	16	1	2	1
1146061	PPM	-6356	1151	1230	286	626	94	3675	99	49473	504	885	22	33	3	43	5	170	7	14055	63	8	0	-29	4	6	2	13	1	4	1
1146062	PPM	-5910	1043	997	249	654	87	3097	87	44551	441	942	21	31	3	48	4	146	6	6365	35	4	0	-26	4	0	2	12	1	3	1
1146063	PPM	-4853	1064	738	244	889	93	3704	95	44124	436	945	21	31	3	55	4	161	6	9768	48	5	0	-21	4	2	2	16	1	3	1
1146064	PPM	-7453	1111	507	264	882	101	3002	90	47149	481	1031	24	31	3	48	5	223	8	18887	81	11	0	-40	5	10	2	22	1	3	1
1146065	PPM	-4404	1081	1480	271	846	94	3682	95	43416	433	1095	23	32	3	42	4	144	6	10148	49	6	0	-18	4	-1	2	15	1	2	1
1146066	PPM	-5171	1114	1437	281	961	100	2984	89	45206	462	1017	23	33	3	46	5	177	7	11218	54	7	0	-27	4	8	2	13	1	3	1
1146067	PPM	-7450	1065	1218	271	939	99	2959	88	45766	465	995	22	33	3	57	5	185	7	10168	50	7	0	-19	4	3	2	16	1	3	1
1146068	PPM	-4708	1124	965	266	789	95	3020	88	45915	463	1031	23	32	3	39	4	187	7	13234	60	9	0	-28	4	11	2	21	1	2	1
1146069	PPM	-6452	991	1125	241	660	81	1772	65	45258	429	423	14	20	2	30	4	188	6	6352	34	3	0	-67	3	3	2	41	1	4	1
1146070	PPM	-4437	817	1022	189	633	62	404	32	40192	325	119	7	9	1	24	3	98	4	3450	20	2	0	-75	3	7	2	21	1	4	1
1146071	PPM	-3226	1172	1192	280	942	101	3446	94	46489	470	968	23	29	3	61	5	184	7	15922	70	10	0	-22	5	9	2	24	1	2	1
1146072	PPM	-5612	1162	1113	288	730	99	3217	94	46706	483	1009	24	31	3	55	5	178	7	18789	80	11	0	-52	5	7	2	20	1	4	1
1146073	PPM	-4739	1037	1062	247	908	92	2840	84	42075	419	1134	23	30	3	43	4	139	6	5971	33	3	0	-31	4	3	2	15	1	2	1
1146074	PPM	-6101	878	781	215	563	74	272	37	34932	333	126	9	14	2	32	4	235	7	10882	50	7	0	-98	3	25	2	44	1	6	1
1146075	PPM	-5893	1109	1231	275	745	95	3050	90	46391	471	1083	24	29	3	56	5	232	7	11691	56	8	0	-23	5	6	2	23	1	1	1
1146076	PPM	-4995	1054	1442	266	903	94	3541	93	42765	426	1026	22	33	3	42	4	141	6	8800	44	5	0	-25	4	2	2	15	1	2	1
1146077	PPM	-4783	1142	1246	279	933	100	3866	101	46793	476	958	22	31	3	49	5	173	7	12831	60	7	0	-26	5	4	2	17	1	3	1
1146078	PPM	-6916	1106	1700	299	802	100	3717	100	45204	467	1171	25	34	3	50	5	173	7	14924	67	9	0	-38	4	4	2	20	1	4	1
1146079	PPM	-4836	1131	1211	275	692	94	3179	93	45530	468	1013	23	34	3	51	5	189	7	10737	52	7	0	-27	4	9	2	19	1	3	1
1146080	PPM	-6989	1052	1384	270	799	92	3303	92	45358	456	578	17	27	2	35	4	155	6	8504	44	6	0	-8	4	3	2	14	1	1	1
1146081	PPM	-5864	1123	1329	287	832	101	3417	97	44387	462	1088	24	32	3	56	5	195	7	14730	68	9	0	-19	5	9	2	18	1	5	1
1146082	PPM	-5588	1144	965	276	861	101	2968	91	46206	478	1244	26	36	3	67	5	205	7	15061	68	9	0	-16	5	5	2	19	1	4	1
1146083	PPM	-5269	1145	1522	289	784	98	3777	101	46751	483	1196	25	32	3	62	5	211	7	10892	53	6	0	-18	5	11	2	16	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1146084	PPM	-5375	1084	1103	261	723	90	2955	87	45442	455	703	19	28	3	43	4	189	7	9218	47	6	0	-20	4	9	2	17	1	4	1
1146085	PPM	-6467	1067	840	255	663	91	4285	105	44282	452	900	21	37	3	51	5	195	7	9128	46	6	0	-12	4	5	2	32	1	3	1
1146086	PPM	-6284	1112	1623	289	749	95	3068	90	46998	478	955	22	33	3	49	5	272	8	12047	57	8	0	-13	5	5	2	15	1	2	1
1146087	PPM	-3753	1062	1016	244	811	89	2818	83	43428	428	919	20	26	2	39	4	148	6	5388	32	4	0	-14	4	2	2	8	1	2	1
1146088	PPM	-6191	1075	659	248	760	92	2677	83	45622	458	841	20	32	3	54	5	173	7	10188	49	7	0	-25	4	35	2	23	1	5	1
1146089	PPM	-6829	902	1384	229	704	74	1473	55	43735	388	379	12	15	2	39	4	219	6	5784	30	3	0	-63	3	27	2	64	2	5	1
1146090	PPM	-5611	1062	861	248	743	90	3307	91	44815	447	757	19	28	2	38	4	158	6	8104	42	5	0	-17	4	7	2	9	1	3	1
1146091	PPM	-4649	1273	1367	284	924	93	858	54	70596	655	251	11	13	2	37	4	1985	23	7707	42	3	0	-55	4	38	2	39	1	7	1
1146092	PPM	-5057	1094	1286	266	870	94	2942	86	46467	462	817	20	25	2	44	4	174	7	8799	44	6	0	-28	4	4	2	13	1	2	1
1146093	PPM	-5477	1137	1443	287	922	101	3450	96	46620	479	957	23	37	3	52	5	203	7	12019	57	8	0	-29	5	8	2	17	1	2	1
1146094	PPM	-5922	1115	1247	278	866	99	3501	97	45898	471	1103	24	31	3	51	5	287	8	12628	59	8	0	-41	4	0	2	24	1	3	1
1146095	PPM	-4203	1129	1126	268	913	98	2758	85	45730	463	1037	23	25	3	49	5	231	7	10744	51	7	0	-41	4	4	2	20	1	3	1
1146096	PPM	-6123	1136	1174	282	934	102	3806	102	47091	486	1022	24	36	3	48	5	157	7	13137	61	9	0	-30	5	8	2	15	1	3	1
1146097	PPM	-6706	1088	1687	285	803	95	3233	91	47341	476	947	22	29	3	45	4	176	7	9401	47	6	0	-31	4	7	2	41	1	2	1
1146098	PPM	-5064	1064	1144	253	834	91	3339	91	44982	447	947	21	29	3	43	4	135	6	5077	30	3	0	-21	4	0	2	9	1	3	1
1146099	PPM	-4510	1178	1548	297	718	99	3480	98	46983	486	1228	26	34	3	45	5	203	7	15081	67	8	0	-52	4	4	2	27	1	3	1
1146100	PPM	-5661	981	1284	247	770	87	2294	74	40238	394	1073	22	27	3	39	4	142	6	6854	35	4	0	-57	4	-3	2	22	1	5	1
1146101	PPM	-4555	1149	1189	277	741	96	3515	97	46298	476	1008	23	30	3	50	5	228	7	11168	54	7	0	-27	4	7	2	17	1	1	1
1146102	PPM	-5109	994	1278	229	768	74	332	36	53904	457	99	7	7	1	16	3	94	5	4798	27	2	0	-70	3	17	2	50	1	2	0
1146103	PPM	-5525	1133	1199	276	832	97	3596	98	47595	485	831	21	32	3	55	5	217	7	10781	52	7	0	-26	4	8	2	19	1	2	1
1146104	PPM	-5039	1162	996	276	675	96	3415	97	47380	489	1075	24	33	3	44	5	181	7	13410	62	9	0	-37	5	10	2	17	1	2	1
1146105	PPM	-3780	1156	1428	283	767	96	3267	93	46309	472	943	22	29	3	48	5	240	8	12123	57	7	0	-15	5	5	2	17	1	2	1
1146106	PPM	-6942	1083	1455	281	992	100	3089	90	46314	468	907	22	29	3	43	4	159	7	12150	57	8	0	-34	4	5	2	14	1	3	1
1146107	PPM	-5536	1146	1336	290	847	101	3300	96	45556	475	1052	24	28	3	63	5	163	7	14801	67	8	0	-31	5	6	2	14	1	3	1
1146108	PPM	-6609	1090	1295	277	655	93	3421	96	44892	463	874	21	33	3	45	5	189	7	10927	54	6	0	-14	5	4	2	15	1	4	1
1146109	PPM	-5736	1010	1439	258	725	87	2690	82	41365	413	941	21	23	2	35	4	139	6	5481	32	3	0	-18	4	-3	2	9	1	3	1
1146110	PPM	-5750	1115	1238	279	815	98	3317	95	44869	463	1091	24	31	3	46	5	176	7	12754	59	7	0	-32	4	10	2	19	1	7	1
1146111	PPM	-4854	1046	1405	262	880	93	2560	80	42346	422	1375	26	41	3	44	4	157	6	7741	40	5	0	-29	4	7	2	16	1	5	1
1146112	PPM	-4119	1111	1538	278	910	97	3424	94	43898	447	864	21	31	3	47	4	195	7	9558	48	7	0	-15	5	9	2	17	1	3	1
1146113	PPM	-3755	1108	1046	257	879	95	3812	99	44017	447	810	20	29	3	36	4	163	6	7044	38	4	0	-20	4	4	2	14	1	1	1
1146114	PPM	-5792	1091	1483	277	804	94	3672	97	45665	462	864	21	32	3	51	5	198	7	9104	45	5	0	-14	4	47	2	26	1	3	1
1146115	PPM	-4896	953	1168	220	613	69	427	36	49272	417	123	8	5	1	23	3	119	5	5952	31	3	0	-72	3	14	2	10	1	2	1
1146116	PPM	-6207	934	742	208	657	70	320	35	49707	423	74	7	7	1	17	3	98	5	5233	29	2	0	-68	3	2	2	21	1	2	1
1146117	PPM	-3562	1166	905	267	881	99	3240	93	46842	478	1035	23	24	3	45	5	190	7	12014	57	7	0	-31	4	4	2	14	1	2	1
1146118	PPM	-5047	1093	1366	271	846	95	3472	94	45087	453	940	22	26	3	46	4	194	7	9433	47	6	0	-10	4	3	2	19	1	1	1
1146119	PPM	-5625	1165	1172	284	736	98	3268	96	48203	501	899	22	30	3	58	5	207	7	11952	57	8	0	-22	5	8	2	14	1	3	1
1146120	PPM	-5125	1175	1239	289	807	101	3547	99	47697	494	1174	26	34	3	49	5	214	7	14752	67	8	0	-22	5	6	2	18	1	3	1
1146121	PPM	-4380	1172	1168	278	807	98	3525	97	48715	496	950	22	33	3	40	5	244	8	11516	55	8	0	-19	5	11	2	17	1	2	1
1146122	PPM	-5182	1232	1204	304	978	110	4019	108	49407	522	1202	27	35	3	58	5	185	7	19392	84	11	0	-42	5	4	2	21	1	3	1
1146123	PPM	-5374	1026	1173	249	538	82	2925	85	42757	424	933	21	33	3	33	4	128	6	4710	29	3	0	-29	4	0	2	8	1	2	1
1140814	PPM	-3285	1419	1372	327	1070	123	976	76	52846	632	269	14	16	2	54	5	174	8	3768	38	0	0	-59	6	-2	3	37	2	5	1
1140815	PPM	-4570	886	2490	270	381	71	878	51	29810	302	265	11	19	2	45	4	164	6	7127	38	6	0	-24	4	7	2	15	1	4	1
1140816	PPM	-5836	1131	1295	282	920	102	2338	84	45316	480	626	18	27	3	50	5	156	7	9191	49	6	0	-30	5	7	2	20	1	4	1
1140817	PPM	-5092	1313	746	304	770	115	1151	78	45929	552	364	17	15	3	41	5	125	7	13714	71	8	0	-86	5	7	2	24	1	10	1
1140818	PPM	-5946	1138	858	263	753	99	253	52	43558	489	51	7	4	2	22	4	102	6	1671	19	1	0	-83	4	-15	2	45	2	6	1
1140819	PPM	-5391	867	1128	204	885	72	376	34	43301	367	46	5	3	1	15	3	90	4	1373	13	1	0	-77	3	-9	1	37	1	5	1
1140820	PPM	-4146	839	869	188	615	62	375	31	41887	336	109	7	5	1	11	3	77	4	5561	27	3	0	-86	3	-12	1	1	1	2	0
1140821	PPM	-4744	961	1018	232	605	76	314	37	41380	377	125	10	5	2	18	3	288	7	15736	63	8	0	-105	3	3	2	-1	1	5	1
1140822	PPM	-5896	1072	1629	274	922	94	1272	62	46184	463	505	15	22	2	41	4	125	6	6755	38	4	0	-29	4	2	2	7	1	2	1
1141251	PPM	-5085	1017	1000	235	914	87	1480	62	44952	432	554	15	23	2	28	4	115	5	3129	22	2	0	-40	4	-2	2	5	1	2	1
1141252	PPM	-5083	1045	1276	250	837	87	2035	71	46194	447	574	16	20	2	31	4	130	6	4176	27	3	0	-36	4	1	2	7	1	1	1
1141253	PPM	-4269	884	893	200	612	68	494	38	39217	348	291	10	14	2	26	3	88	5	2473	18	2	0	-65	3	-1	2	4	1	2	1
1141254	PPM	-2664	875	1236	203	683	66	293	32	38086	329	83	6	7	1	17	3	81	4	1734	14	1	0	-68	3	7	2	12	1	3	0
1141255	PPM	-6051	963	1077	237	916	86	1429	59	42006	397	510	15	20	2	35	4	100	5	9007	42	4	0	-70	3	-1	2	12	1	3	1
1141256	PPM	-8304	799	764	196	836	73	1119	48	39368	345	294	10	12	2	23	3	100	5	3633	22	2	0	-70	3	-3	1	18	1	3	1
1141257	PPM	-4897	875	1100	210	699	71	547	39	38664	343	170	8	12	2	23	3	171	5	5797	30	4	0	-77	3	-4	2	41	1	5	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141258	PPM	-3391	1112	1400	259	723	85	824	52	49541	477	345	12	17	2	38	4	144	6	4957	30	4	0	-33	4	2	2	10	1	2	1
1141259	PPM	-4854	1135	1148	270	622	91	1764	74	45831	478	543	17	27	2	43	4	142	6	7671	42	5	0	-27	4	6	2	16	1	3	1
1141260	PPM	-3246	1115	1142	257	855	92	1973	73	45461	454	557	16	22	2	39	4	162	6	7580	40	5	0	-18	4	4	2	14	1	2	1
1141261	PPM	-3746	1116	878	249	797	90	1986	73	46757	466	479	15	21	2	42	4	157	6	6947	38	5	0	-15	4	2	2	13	1	1	1
1141262	PPM	-4788	1060	1120	251	779	88	1869	70	44493	440	643	17	24	2	47	4	144	6	6593	36	5	0	-23	4	3	2	11	1	3	1
1141263	PPM	-4585	1105	1056	261	830	95	3501	96	44198	453	746	19	25	2	52	4	160	7	7980	42	5	0	-5	4	6	2	15	1	1	1
1141264	PPM	-4362	943	1195	223	709	75	355	38	41000	379	74	6	5	1	17	3	173	6	2484	19	1	0	-76	3	-7	2	17	1	4	1
1141265	PPM	-4591	949	1169	225	714	77	184	36	40241	381	60	6	5	1	26	3	233	6	1742	16	1	0	-77	3	-8	2	16	1	4	1
1141266	PPM	-5862	864	1300	213	698	69	243	32	41248	360	54	5	4	1	16	3	187	5	2815	20	2	0	-79	3	-6	2	8	1	3	1
1141267	PPM	-8146	1083	1100	273	833	98	1052	64	45823	487	374	15	19	2	54	5	186	7	8512	45	5	0	-32	4	15	2	18	1	4	1
1141268	PPM	-4652	1081	853	244	874	90	1216	60	46618	459	374	13	20	2	42	4	166	6	7299	39	4	0	-27	4	7	2	18	1	2	1
1141269	PPM	-3658	1007	1083	224	601	72	364	38	48283	431	110	7	5	1	15	3	125	5	2638	19	1	0	-81	3	-6	1	7	1	3	1
1141270	PPM	-4060	969	962	219	568	73	211	36	41300	389	54	6	3	1	17	3	76	5	2294	18	1	0	-77	3	-9	2	2	1	3	1
1141271	PPM	-5629	1005	1202	249	841	90	3529	92	41172	410	806	19	26	2	27	4	122	6	5098	30	3	0	-20	4	1	2	8	1	1	1
1141272	PPM	-4090	1064	1222	257	891	94	2234	78	40420	418	638	17	23	2	43	4	126	6	4995	31	3	0	-23	4	-1	2	8	1	3	1
1141273	PPM	-5308	1096	1321	270	871	95	1548	68	45216	461	429	15	17	2	33	4	164	7	9006	46	5	0	-14	4	7	2	12	1	2	1
1141274	PPM	-4675	1053	1729	273	700	88	4105	100	42179	422	912	21	33	3	39	4	135	6	6798	37	3	0	-4	4	5	2	12	1	2	1
1141275	PPM	-5896	880	905	203	699	69	357	35	43666	376	75	6	1	1	9	3	226	6	3019	20	1	0	-83	3	-10	1	25	1	4	1
1141276	PPM	-4452	913	1089	214	811	75	311	36	40083	364	63	6	5	1	16	3	210	6	3157	22	2	0	-78	3	-13	1	17	1	5	1
1141277	PPM	-4148	877	1083	207	676	70	236	33	36889	335	47	5	2	1	15	3	163	5	2592	19	1	0	-89	3	-7	2	24	1	5	1
1141278	PPM	-5728	939	936	215	737	74	299	36	45854	408	62	6	4	1	12	3	161	5	3648	23	2	0	-86	3	-6	2	15	1	3	1
1141279	PPM	-6360	1069	1195	267	751	94	2225	80	42897	450	479	16	25	2	44	4	148	6	7615	41	5	0	-35	4	4	2	12	1	2	1
1141280	PPM	-6971	1093	930	261	948	99	1169	64	46536	485	339	14	15	2	40	4	158	7	7043	39	5	0	-31	4	5	2	12	1	3	1
1141281	PPM	-5486	1065	1317	267	971	98	2979	88	42615	436	808	20	33	3	45	4	165	7	8356	43	5	0	-17	4	0	2	11	1	2	1
1141282	PPM	-5160	863	741	206	664	77	731	47	31232	310	259	11	13	2	20	3	109	5	5518	31	3	0	-70	3	-5	2	43	1	8	1
1141283	PPM	-5480	974	951	232	876	89	2142	74	38728	390	743	18	22	2	32	4	159	6	2583	20	1	0	-32	4	3	2	13	1	3	1
1141284	PPM	-6015	941	1502	246	940	88	1739	66	38311	379	526	15	19	2	31	4	153	6	3158	22	2	0	-41	4	-2	2	11	1	3	1
1141285	PPM	-2893	1167	1299	275	809	96	832	58	44485	468	322	13	19	2	32	4	143	6	8578	46	6	0	-38	4	1	2	9	1	4	1
1141286	PPM	-5582	1030	1305	256	959	92	1252	60	43791	429	361	13	18	2	28	4	172	6	8514	43	6	0	-31	4	5	2	11	1	2	1
1141287	PPM	-4740	922	933	212	654	72	276	36	40657	372	74	6	6	1	11	3	104	5	2988	21	2	0	-88	3	-6	2	7	1	3	1
1141288	PPM	-5059	897	994	207	751	71	227	32	43282	374	65	6	4	1	16	3	107	5	4223	25	2	0	-78	3	-9	1	10	1	1	1
1141289	PPM	-5563	898	955	212	544	70	264	36	39075	363	66	6	6	1	16	3	137	5	3234	22	2	0	-87	3	-7	2	19	1	6	1
1141290	PPM	-5574	1100	1056	268	758	94	1051	60	44086	454	498	17	16	2	41	4	168	7	14491	65	8	0	-65	4	3	2	8	1	3	1
1141291	PPM	-4375	987	1647	257	755	86	2653	79	37825	375	961	21	19	2	27	4	116	6	6155	33	2	0	-39	4	0	2	10	1	2	1
1141292	PPM	-6031	1048	1436	270	824	95	2130	78	41120	431	656	18	28	2	36	4	121	6	5782	34	3	0	-20	4	-2	2	9	1	4	1
1141293	PPM	-5177	1086	924	257	989	98	2614	83	44344	449	743	19	27	3	43	4	150	6	10444	50	6	0	-27	4	3	2	11	1	3	1
1141294	PPM	-5250	1134	1553	296	743	99	2683	89	42308	453	650	19	23	3	52	5	180	7	13757	64	8	0	-32	5	5	2	20	1	3	1
1141295	PPM	-4815	1059	1353	264	889	95	1782	72	40711	423	536	16	22	2	40	4	161	6	6251	36	4	0	-38	4	1	2	12	1	4	1
1141296	PPM	-3920	1029	1432	258	678	88	2766	86	36638	387	596	17	22	2	29	4	95	6	2916	22	2	0	-23	4	1	2	9	1	2	1
1141297	PPM	-3420	752	746	179	458	64	301	35	21466	221	33	5	2	1	13	3	152	5	405	8	0	0	-83	3	-13	2	32	1	4	1
1141298	PPM	-4889	721	784	172	657	61	446	32	29758	253	208	8	7	1	11	3	119	4	3568	21	2	0	-76	3	-7	1	19	1	4	1
1141299	PPM	-5392	1124	919	268	858	101	1849	78	42051	458	526	17	19	2	38	5	147	7	9530	50	6	0	-29	5	4	2	11	1	2	1
1141300	PPM	-4303	1080	1067	253	839	91	2103	75	43992	441	536	16	22	2	41	4	169	6	7572	41	5	0	-20	4	4	2	12	1	3	1
1141301	PPM	-5830	1088	1606	288	853	100	2192	83	40161	439	496	17	22	2	35	4	133	6	6661	39	4	0	-19	5	-1	2	9	1	2	1
1141302	PPM	-6441	1017	1324	261	759	90	3798	97	41843	421	818	20	29	3	40	4	158	6	7794	40	4	0	-16	4	7	2	11	1	2	1
1141303	PPM	-5451	1048	754	241	587	85	2285	79	42029	430	411	14	22	2	32	4	155	6	6470	37	4	0	-22	4	6	2	9	1	1	1
1141304	PPM	-5578	1058	1336	261	901	92	2205	76	44954	448	469	15	23	2	35	4	151	6	6208	35	5	0	-21	4	3	2	11	1	2	1
1141305	PPM	-5702	945	945	228	717	82	1875	67	38735	377	487	14	16	2	25	4	163	6	5292	29	3	0	-50	3	-6	2	18	1	3	1
1141306	PPM	-4253	1092	1453	265	890	92	1515	65	45881	456	295	12	15	2	38	4	164	6	7585	41	6	0	-19	4	6	2	12	1	2	1
1141307	PPM	-5568	1006	1066	242	762	85	2740	80	43085	418	361	13	21	2	33	4	175	6	6586	36	3	0	-2	4	3	2	11	1	2	1
1141308	PPM	-6093	1058	1382	272	655	91	3000	89	42305	435	848	21	26	3	36	4	144	6	9211	47	5	0	-31	4	5	2	11	1	4	1
1141309	PPM	-4841	1003	965	239	802	88	3212	90	38198	391	256	11	20	2	30	4	119	6	4302	28	3	0	-7	4	0	2	6	1	2	1
1141310	PPM	-5312	1084	1122	267	675	93	3144	93	41558	435	784	20	28	3	39	4	167	7	10518	52	7	0	-21	5	3	2	14	1	2	1
1141311	PPM	-2807	1173	1150	275	672	95	2523	86	43413	458	718	20	21	3	38	4	151	7	10928	54	6	0	-44	4	1	2	10	1	3	1
1141312	PPM	-4989	1090	1436	271	693	89	2402	79	45538	455	699	18	28	2	39	4	164	6	9500	47	6	0	-29	4	6	2	10	1	3	1
1141313	PPM	-7439	895	1070	217	673	72	527	39	46003	402	151	8	7	1	14	3	254	6	4558	26	2	0	-80	3	-9	1	35	1	4	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141314	PPM	-3833	1014	994	229	728	78	1389	57	46397	423	385	12	12	2	27	3	189	6	5698	30	3	0	-66	3	-8	2	15	1	3	1
1141315	PPM	-5483	953	965	223	520	73	489	42	42045	395	142	8	8	1	20	3	325	7	4373	26	3	0	-73	3	-6	2	21	1	4	1
1141316	PPM	-5330	968	756	213	683	74	414	39	47386	424	131	8	5	1	11	3	133	5	3343	22	2	0	-79	3	-10	2	14	1	4	1
1141317	PPM	-5304	905	1258	219	737	72	449	37	43024	378	100	7	8	1	22	3	195	6	4320	25	2	0	-83	3	-7	1	27	1	5	1
1141318	PPM	-4444	915	754	202	626	69	514	38	43362	377	110	7	4	1	13	3	231	6	4231	24	2	0	-81	3	-8	1	25	1	6	1
1141319	PPM	-4836	917	1036	211	661	70	245	33	43881	384	69	6	4	1	14	3	127	5	3113	21	2	0	-79	3	-9	1	14	1	4	1
1141320	PPM	-6001	989	957	225	648	74	393	39	50062	449	126	8	4	1	19	3	163	6	3291	22	2	0	-81	3	-8	2	23	1	4	1
1141435	PPM	-6034	1200	838	281	769	101	978	64	49475	528	453	17	13	2	55	5	175	7	15365	71	12	0	-47	5	6	2	30	1	3	1
1141436	PPM	-5403	1206	1008	290	954	106	3031	93	49612	518	927	23	30	3	51	5	224	8	16946	75	10	0	-42	5	4	2	15	1	4	1
1141437	PPM	-6341	1145	1107	281	865	101	1801	75	47160	496	538	18	15	2	47	5	169	7	14283	67	8	0	-40	5	10	2	13	1	3	1
1141438	PPM	-4258	887	935	199	690	68	216	31	41777	360	63	5	9	1	15	3	44	4	1466	13	0	0	-79	3	-10	1	11	1	12	1
1141439	PPM	-7805	1025	738	262	660	88	330	41	44026	421	96	13	1	2	23	4	210	7	38690	136	24	1	-175	4	-3	2	187	3	18	1
1141440	PPM	-8000	1384	1212	359	741	115	384	53	62415	652	189	19	4	3	40	6	383	10	58225	204	32	1	-200	5	-2	2	79	2	8	1
1141441	PPM	-4910	989	1216	251	665	83	446	43	38807	375	130	11	7	2	20	4	174	6	19175	78	10	0	-120	4	-7	2	13	1	4	1
1141442	PPM	-4476	1233	1211	296	762	104	1607	77	46904	516	597	19	22	3	53	5	159	7	13105	65	8	0	-42	5	6	2	13	1	3	1
1141443	PPM	-5483	1023	942	247	548	81	304	42	41851	411	82	10	6	2	20	4	172	6	17939	78	10	0	-120	4	-5	2	7	1	6	1
1141444	PPM	-4685	990	1227	246	624	80	170	37	39499	382	69	9	3	2	17	4	148	6	15563	66	10	0	-125	3	-8	2	6	1	5	1
1141445	PPM	-6342	1055	1398	270	939	96	2899	86	44796	447	917	21	31	3	48	4	184	7	9393	46	5	0	-11	4	8	2	12	1	2	1
1141446	PPM	-5742	1247	678	287	808	112	3155	106	45807	532	882	24	23	3	65	5	181	8	9036	50	5	0	-18	5	8	2	14	1	4	1
1141447	PPM	-4219	877	1185	213	634	70	760	43	36434	329	136	8	6	1	14	3	138	5	6480	33	3	0	-93	3	-5	2	11	1	5	1
1141448	PPM	-7589	1349	927	357	799	125	497	63	46674	553	75	18	2	3	25	6	177	9	62507	250	42	1	-253	5	3	2	58	2	94	1
1141449	PPM	-5574	1099	607	266	590	92	420	48	41274	425	175	14	7	2	27	5	147	7	35449	134	19	1	-160	4	-4	2	3	1	24	1
1141724	PPM	-4795	1173	415	264	625	94	740	55	47555	485	416	17	54	3	60	5	134	7	24913	97	10	1	-83	4	0	2	17	1	15	1
1141725	PPM	-6451	826	1044	211	557	70	225	34	33580	316	89	7	2	1	16	3	86	5	6474	33	4	0	-89	3	-2	2	5	1	3	1
1141726	PPM	-5654	849	965	204	687	69	329	34	38747	338	72	7	3	1	14	3	118	5	7689	36	5	0	-91	3	-7	1	6	1	2	1
1141727	PPM	-3648	866	1102	202	631	65	294	31	39683	334	90	7	2	1	14	3	121	5	6547	31	4	0	-82	3	-4	1	4	1	4	0
1141728	PPM	-6263	1037	1024	247	930	91	1367	62	46181	452	408	14	20	2	38	4	132	6	6652	36	4	0	-18	4	5	2	9	1	1	1
1141728	PPM	-4302	1098	1000	254	770	91	2596	82	44902	453	653	18	21	2	42	4	128	6	6698	36	4	0	-12	4	4	2	8	1	1	1
1141729	PPM	-4128	1155	1829	292	696	93	1862	75	46401	484	418	15	27	2	37	4	146	6	6472	37	4	0	-31	4	5	2	13	1	2	1
1141730	PPM											317	97	-78	54	17	25	79	18	6079	97	5	1	-27	12	16	6	8	3	2	2
1141730	PPM	-4700	1142	1064	266	842	97	883	60	45765	483	313	13	18	2	40	4	151	7	6052	36	5	0	-35	4	16	2	9	1	2	1
1141731	PPM	-4891	1199	524	267	678	101	3320	102	45195	498	771	21	29	3	57	5	190	7	10214	54	6	0	-27	5	7	2	20	1	3	1
1141732	PPM	-4203	1087	1566	267	871	91	1452	65	45411	452	471	15	21	2	38	4	134	6	5553	33	5	0	-27	4	0	2	7	1	2	1
1141733	PPM	-3875	1163	1372	282	805	96	3985	101	47780	482	912	22	37	3	55	5	178	7	12932	59	9	0	-21	5	9	2	19	1	5	1
1141734	PPM	-4817	1104	810	248	761	90	585	51	46391	471	261	12	18	2	36	4	148	6	5735	34	5	0	-36	4	7	2	13	1	4	1
1141735	PPM	-5062	1127	1072	267	780	94	2715	86	46529	478	560	17	27	2	39	4	174	7	8471	45	6	0	-29	4	4	2	25	1	2	1
1141736	PPM	-8058	1069	1726	286	921	96	1526	67	48656	489	476	16	25	2	48	4	175	7	9108	46	7	0	-26	4	5	2	16	1	1	1
1141737	PPM	-3408	1205	1314	287	637	96	1499	73	45514	491	457	16	23	2	35	4	140	7	9756	51	6	0	-41	4	2	2	13	1	4	1
1141738	PPM	-5483	1082	1431	269	842	92	1499	65	46948	463	494	16	23	2	45	4	171	6	9743	49	7	0	-19	4	9	2	12	1	3	1
1141739	PPM	-5359	1096	1125	269	865	95	2268	77	45445	454	693	19	22	3	49	5	119	6	15172	67	7	0	-31	4	4	2	8	1	1	1
1141740	PPM	-5050	990	1353	253	816	91	3562	95	36613	379	919	21	28	3	33	4	122	6	3732	26	3	0	-19	4	4	2	7	1	3	1
1141741	PPM	-4835	888	1248	212	619	66	324	33	43663	368	117	7	7	1	22	3	368	7	4905	26	2	0	-78	3	-9	1	28	1	3	1
1141742	PPM	-5232	819	1279	203	721	67	329	32	38148	324	126	7	8	1	21	3	105	4	3272	21	1	0	-78	3	-3	2	15	1	3	1
1141743	PPM	-6721	1077	1172	274	916	100	2636	85	43695	450	792	21	21	3	51	5	161	7	13301	60	8	0	-26	4	5	2	12	1	3	1
1141744	PPM	-4635	1119	1018	267	842	98	3289	93	44501	455	1278	26	42	3	53	5	178	7	12015	56	8	0	-34	4	7	2	18	1	6	1
1141745	PPM	-4380	1093	1070	264	1005	101	4486	108	41850	430	1196	25	36	3	39	4	155	7	10445	50	7	0	-32	4	3	2	12	1	3	1
1141746	PPM	-5265	1044	1311	257	782	89	3208	88	43708	433	894	20	28	3	40	4	150	6	6153	34	5	0	-19	4	2	2	13	1	3	1
1141747	PPM	-6432	1050	966	253	762	92	3562	95	44439	447	989	22	37	3	42	4	157	6	7360	39	5	0	-14	4	5	2	9	1	2	1
1141748	PPM	-6105	1047	1344	263	784	90	3534	93	44782	444	757	19	28	2	45	4	176	6	8094	42	5	0	-7	4	6	2	15	1	2	1
1141749	PPM	-4990	1122	1245	273	909	98	3245	92	46519	471	820	20	28	3	52	5	207	7	10081	49	5	0	-10	4	12	2	17	1	4	1
1141750	PPM	-6529	1091	1447	277	1101	102	3572	97	47015	477	761	19	26	3	45	4	172	7	7778	41	5	0	-17	4	4	2	15	1	2	1
1141751	PPM	-4989	1088	1056	260	908	96	3838	99	44345	448	967	22	32	3	43	4	168	7	9323	47	6	0	-12	4	5	2	14	1	2	1
1141752	PPM	-6320	1110	1176	276	811	97	3010	90	46448	474	924	22	27	3	40	4	159	7	12669	58	8	0	-35	4	6	2	12	1	2	1
1141753	PPM	-5581	728	1103	188	643	64	783	39	30318	259	618	14	17	2	13	3	110	4	6063	29	3	0	-68	3	7	2	65	1	19	1
1141754	PPM	-3794	2421	2792	564	1613	195	45	93	106631	1539	180	16	25	3	126	9	377	14	13427	95	3	1	-66	6	6	3	32	2	3	1
1141755	PPM	-5267	826	946	195	636	65	527	35	39952	331	218	9	7	1	17	3	164	5	6227	30	3	0	-86	3	-5	1	60	1	5	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141756	PPM	-6655	985	940	237	660	77	454	39	49818	434	174	11	5	2	17	3	274	7	17511	65	10	0	-109	3	-8	1	37	1	7	1
1141757	PPM	-5332	943	1169	226	618	71	412	36	47054	401	153	9	6	2	12	3	251	6	11718	48	6	0	-95	3	-5	1	32	1	5	1
1141758	PPM	-4891	877	1076	208	613	66	343	32	43023	357	118	8	4	1	11	3	202	6	9549	40	5	0	-91	3	-8	1	22	1	4	1
1141759	PPM	-5584	922	1123	217	620	69	313	34	46622	398	106	7	5	1	19	3	170	5	6361	32	3	0	-88	3	-8	1	14	1	8	1
1141760	PPM	-6261	869	1227	211	631	66	343	33	45910	378	107	7	4	1	8	3	403	7	5596	28	3	0	-81	3	-10	1	13	1	4	1
1141761	PPM	-5260	683	624	157	640	57	357	28	30614	247	90	6	4	1	12	2	70	4	2275	16	1	0	-80	3	-12	1	21	1	7	1
1141762	PPM	-2453	1075	1579	261	939	91	3059	85	42584	418	872	20	29	2	30	4	125	6	5874	33	3	0	-19	4	4	2	12	1	3	1
1141763	PPM	-5385	731	959	181	580	60	470	32	32047	265	105	7	7	1	13	3	3133	27	4283	24	0	0	-75	3	-10	1	56	1	10	1
1141764	PPM	-4600	1075	1040	249	902	89	2428	75	49063	462	615	16	20	2	36	4	279	7	8354	40	5	0	-39	4	0	2	14	1	1	1
1141765	PPM	-6234	1126	1196	283	905	102	3306	95	45888	474	925	23	31	3	46	5	174	7	14732	66	9	0	-32	5	5	2	12	1	2	1
1141766	PPM	-6170	1054	1405	266	805	91	2824	84	45923	453	686	18	23	2	44	4	160	6	7784	40	6	0	-13	4	4	2	14	1	2	1
1141767	PPM	-6250	1084	1698	285	764	93	3275	91	46004	460	902	21	25	3	49	4	170	7	11903	55	7	0	-23	4	9	2	16	1	2	1
1141768	PPM	-4823	1104	1337	274	1004	100	3790	99	44051	449	972	22	27	3	47	5	169	7	10436	50	6	0	-20	4	4	2	12	1	2	1
1141769	PPM	-6262	1129	1429	289	779	97	3067	91	47290	483	841	21	36	3	53	5	1735	22	13247	60	6	0	-28	4	3	2	26	1	2	1
1141770	PPM	-4138	936	1314	225	684	72	1007	47	43762	378	350	12	7	2	15	3	1222	14	8326	37	4	0	-79	3	-8	1	31	1	6	1
1141771	PPM	-5262	857	744	191	690	66	499	34	44595	361	198	8	6	1	15	3	611	9	4870	25	2	0	-76	3	-12	1	29	1	6	1
1141772	PPM	-5593	890	1276	215	572	65	456	35	46026	382	151	8	3	1	13	3	468	8	5978	30	3	0	-86	3	-10	1	45	1	6	1
1141773	PPM	-6193	770	875	184	577	60	433	32	38222	310	96	6	5	1	12	3	894	11	4370	24	2	0	-76	3	-11	1	25	1	7	1
1141774	PPM	-3681	884	1326	211	697	68	487	36	40022	345	131	7	10	1	16	3	230	6	3833	24	1	0	-81	3	-7	2	26	1	11	1
1141801	PPM	-5651	996	1561	257	834	88	3060	85	41690	407	746	18	28	2	28	4	111	5	5696	32	3	0	-22	4	3	2	7	1	0	1
1141802	PPM	-6973	1035	1029	252	743	88	2974	85	46201	453	653	17	25	2	35	4	156	6	8153	42	4	0	-16	4	3	2	13	1	2	1
1141803	PPM	-5745	1102	1292	274	686	92	3152	89	47162	468	1061	23	29	3	45	4	151	6	12260	56	6	0	-29	4	6	2	10	1	3	1
1141804	PPM	-4886	1085	1197	262	836	93	3473	93	44898	449	945	21	32	3	39	4	184	7	8173	42	5	0	-13	4	4	2	14	1	2	1
1141805	PPM	-6233	1062	1493	273	968	97	3465	93	45329	451	1104	23	31	3	44	4	140	6	9642	48	6	0	-18	4	7	2	19	1	4	1
1141806	PPM	-6115	1069	1191	267	878	96	2976	87	44295	447	965	22	32	3	34	4	155	6	11331	53	5	0	-23	4	1	2	12	1	1	1
1141807	PPM	-5192	992	1779	258	868	86	3016	83	42301	409	528	15	23	2	28	4	109	5	2852	21	2	0	-12	4	0	2	6	1	1	1
1141808	PPM	-4826	1071	1401	263	981	94	3294	89	45536	447	929	21	30	3	40	4	142	6	7742	40	5	0	-18	4	6	2	12	1	2	1
1141809	PPM	-5413	1145	963	273	664	95	3048	91	47393	484	1049	24	28	3	45	5	158	7	14016	63	7	0	-31	4	3	2	12	1	2	1
1141810	PPM	-4116	1117	1173	264	710	90	2609	81	47145	465	971	22	26	3	44	4	149	6	10099	49	5	0	-17	4	5	2	12	1	2	1
1141811	PPM	-4657	803	1446	200	628	62	461	33	38409	314	141	7	7	1	14	3	70	4	3224	20	1	0	-79	3	-8	1	30	1	4	1
1141812	PPM	-4300	1047	1599	262	936	91	2808	81	44013	428	969	21	29	2	29	4	132	6	5995	34	4	0	-13	4	0	2	11	1	3	1
1141813	PPM	-5865	1161	1433	294	736	98	3403	96	49007	499	1036	24	27	3	50	5	177	7	15999	71	9	0	-35	5	9	2	15	1	21	1
1141814	PPM	-7363	1104	1159	283	976	104	3326	94	46514	475	1223	26	34	3	51	5	161	7	15952	70	9	0	-42	4	10	2	13	1	20	1
1141815	PPM	-4603	1058	987	247	828	89	2874	83	44786	437	818	19	32	3	49	4	159	6	7549	39	5	0	-9	4	2	2	13	1	2	1
1141816	PPM	-5740	1069	1162	246	718	80	786	47	56836	505	238	11	13	2	29	4	157	6	9227	44	4	0	-80	3	-1	2	28	1	4	1
1141817	PPM	-3047	984	1519	225	588	66	410	35	52491	434	117	7	8	1	18	3	96	4	2140	16	1	0	-83	3	-5	1	11	1	4	1
1141818	PPM	-4987	1020	1083	242	786	86	3231	87	43337	420	687	17	24	2	26	4	126	6	5532	32	3	0	-2	4	1	2	9	1	1	1
1141819	PPM	-3817	1070	1083	248	897	90	2753	81	44746	436	719	18	29	2	51	4	155	6	6624	36	4	0	-16	4	4	2	12	1	3	1
1141820	PPM	-5133	1049	1300	255	865	90	3265	88	44920	440	813	19	24	2	41	4	140	6	5686	33	4	0	-19	4	0	2	9	1	3	1
1141821	PPM	-4654	1055	1713	272	860	92	3406	91	42640	426	864	20	28	3	37	4	151	6	6838	37	4	0	-22	4	2	2	13	1	1	1
1141822	PPM	-6690	1090	1140	273	711	94	3557	96	45840	466	966	22	30	3	54	5	223	7	12244	57	7	0	-22	5	9	2	17	1	3	1
1141823	PPM	-5736	1074	1356	272	809	94	3556	95	43736	442	919	21	25	3	45	4	386	9	10762	52	6	0	-23	4	3	2	19	1	3	1
1141824	PPM	-6773	1010	1108	252	781	90	3446	91	43185	428	922	21	29	3	39	4	162	6	7467	39	5	0	-15	4	4	2	13	1	3	1
1141825	PPM	-6259	1033	1407	261	895	91	3031	85	45188	442	706	18	32	2	42	4	159	6	7359	39	4	0	-10	4	5	2	13	1	0	1
1141826	PPM	-5085	1087	1399	270	772	91	3011	87	45854	455	802	20	29	3	45	4	184	7	9673	48	7	0	-14	4	5	2	16	1	2	1
1141827	PPM	-7563	1063	1366	277	689	92	3079	89	46330	464	958	22	32	3	64	5	359	9	12524	57	7	0	-31	4	9	2	23	1	4	1
1141828	PPM	-5207	1052	1168	256	856	92	4171	100	43731	432	1049	22	31	3	42	4	158	6	8371	43	5	0	-19	4	2	2	12	1	3	1
1141829	PPM	-4766	1163	618	262	756	96	3336	94	48616	493	974	23	30	3	52	5	205	7	14350	65	9	0	-17	5	18	2	19	1	4	1
1141830	PPM	-6841	1113	957	268	929	99	3631	98	48919	494	997	23	35	3	47	5	187	7	10453	51	7	0	-23	4	5	2	16	1	1	1
1141831	PPM	-3548	1190	955	272	967	101	3296	93	49517	499	936	22	31	3	36	4	200	7	13245	61	8	0	-28	5	10	2	24	1	3	1
1141832	PPM	-4301	1117	1120	267	818	95	3228	91	45405	456	1049	23	29	3	38	4	161	7	11478	54	7	0	-27	4	8	2	11	1	3	1
1141833	PPM	-5856	946	1121	219	750	73	386	37	48790	425	80	6	5	1	10	3	86	5	2127	17	1	0	-78	3	-12	1	21	1	4	1
1141834	PPM	-7919	873	1462	218	602	65	233	31	49826	412	53	5	4	1	8	3	106	4	1114	11	0	0	-80	3	-12	1	4	1	3	0
1141835	PPM	-5923	884	1217	211	776	70	244	31	46537	385	66	6	2	1	10	3	175	5	4773	25	2	0	-81	3	10	2	7	1	2	0
1141836	PPM	-4738	1117	1107	264	764	92	2875	85	48062	474	868	21	25	3	42	4	261	7	10464	49	7	0	-43	4	6	2	27	1	7	1
1141837	PPM	-4938	1204	1623	306	896	104	3345	96	49655	511	1228	26	33	3	53	5	540	11	17068	75	9	0	-37	5	27	2	48	2	13	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141838	PPM	-8087	1037	1472	273	743	91	3505	93	46854	465	816	20	31	3	47	4	188	7	8833	44	6	0	-22	4	52	2	33	1	8	1
1141839	PPM	-4712	1181	578	273	681	99	3685	100	46425	481	1243	27	29	3	65	5	180	7	20381	86	11	0	-50	5	8	2	33	1	4	1
1141840	PPM	-5411	1041	1246	253	732	87	3070	86	44825	440	875	20	30	2	38	4	144	6	4850	29	4	0	-20	4	4	2	9	1	2	1
1141841	PPM	-6928	1136	1790	304	682	97	3430	96	48226	495	993	23	30	3	49	5	180	7	14739	67	9	0	-26	5	4	2	18	1	2	1
1141842	PPM	-6555	1146	1222	290	953	104	3224	93	48011	491	1078	25	30	3	46	5	162	7	18795	80	12	0	-47	5	4	2	19	1	3	1
1141843	PPM	-4696	1178	1092	285	942	104	3891	104	46684	486	1077	25	35	3	55	5	198	7	14669	66	9	0	-37	5	2	2	18	1	2	1
1141844	PPM	-4266	1125	1229	264	864	92	2410	77	50419	486	763	19	26	2	40	4	152	6	10536	50	7	0	-15	4	3	2	20	1	2	1
1141845	PPM	-7444	1037	1127	264	980	99	3862	99	44163	445	1224	25	30	3	39	4	169	7	10378	50	6	0	-30	4	5	2	14	1	2	1
1141846	PPM	-6922	1166	1616	311	847	104	2458	84	48620	501	987	24	30	3	51	5	166	7	22302	92	13	1	-59	5	4	2	15	1	4	1
1141847	PPM	-5396	1122	1304	279	842	97	3879	99	47276	472	1055	23	34	3	49	5	217	7	14088	63	9	0	-18	5	7	2	21	1	1	1
1141848	PPM	-6114	1087	577	249	878	97	3266	92	46050	464	1073	23	36	3	37	4	164	7	10922	52	6	0	-19	4	3	2	18	1	4	1
1141849	PPM	-4858	1026	1318	241	569	74	202	37	49105	450	82	7	15	2	36	4	143	6	4433	28	2	0	-58	4	114	3	20	1	4	1
1141850	PPM	-4222	1038	1440	245	738	79	310	39	48447	449	90	7	8	1	24	3	143	6	3403	24	1	0	-73	3	30	2	10	1	2	1
1141851	PPM	-6341	1106	1486	282	1007	100	2980	89	47678	481	832	21	29	3	44	4	194	7	10754	52	6	0	-15	5	6	2	20	1	3	1
1141852	PPM	-4877	1080	973	252	884	93	3201	89	45479	452	711	18	21	2	41	4	162	6	7551	40	5	0	-12	4	3	2	12	1	2	1
1141853	PPM	-3709	1139	1156	266	723	91	3308	92	47274	473	752	19	29	3	45	4	191	7	8765	45	6	0	-13	4	26	2	31	1	2	1
1141854	PPM	-5465	1085	1170	264	807	93	3231	91	45363	455	903	21	33	3	38	4	171	7	9157	46	6	0	-17	4	2	2	19	1	2	1
1141855	PPM	-4754	788	1156	193	469	59	629	36	35441	297	258	9	11	1	23	3	69	4	4419	24	2	0	-76	3	20	2	27	1	7	1
1141856	PPM	-6028	1053	951	252	1028	97	3240	90	44609	446	729	19	32	3	48	4	166	6	8197	42	4	0	-13	4	21	2	18	1	1	1
1141857	PPM	-7682	1070	1488	285	796	97	3396	94	45349	461	1098	24	31	3	47	5	193	7	13828	62	9	0	-28	5	10	2	18	1	3	1
1141858	PPM	-6314	1106	797	271	923	103	3508	98	43131	451	934	23	28	3	63	5	196	7	17213	76	10	0	-26	5	4	2	20	1	3	1
1141859	PPM	-5301	1073	1260	268	856	96	3745	98	42716	435	990	22	37	3	39	4	142	6	10027	49	6	0	-30	4	-2	2	9	1	3	1
1141860	PPM	-4814	1114	1250	271	729	93	3569	96	45554	462	948	22	30	3	44	4	222	7	9937	49	7	0	-24	4	8	2	19	1	3	1
1141861	PPM	-5920	1040	1139	260	834	94	3741	97	41623	422	910	21	26	3	49	4	194	7	10128	50	6	0	-23	4	4	2	16	1	2	1
1141951	PPM	-6974	1052	1369	272	814	94	2976	88	44211	449	833	20	22	3	42	4	149	6	9450	46	4	0	-22	4	3	2	10	1	3	1
1141952	PPM	-6418	1043	1222	261	1051	97	2874	84	45046	445	681	18	28	2	50	4	177	6	9185	45	5	0	-13	4	7	2	12	1	3	1
1141953	PPM	-5249	1103	1095	270	842	98	2666	86	43178	447	844	21	28	3	42	5	175	7	12708	60	6	0	-23	5	3	2	16	1	3	1
1141954	PPM	-4961	1104	1153	268	795	95	3232	92	44768	454	911	21	25	3	49	5	155	6	10718	51	6	0	-16	4	4	2	14	1	3	1
1141955	PPM	-5506	1031	1122	250	835	90	2275	76	43246	428	738	18	22	2	38	4	147	6	6697	36	4	0	-21	4	1	2	8	1	2	1
1141956	PPM	-7148	925	1424	245	785	85	2709	80	39076	384	778	18	22	2	27	4	109	5	3550	24	2	0	-14	4	1	2	4	1	2	1
1141957	PPM	-5749	790	868	192	679	68	255	32	32611	296	113	7	3	1	17	3	78	4	3328	22	1	0	-80	3	-10	1	18	1	4	1
1141958	PPM	-6665	794	1226	208	673	69	314	34	34326	311	125	7	7	1	9	3	84	5	3938	25	2	0	-81	3	-8	2	12	1	5	1
1141959	PPM	-5751	1017	747	237	798	91	2718	86	39530	412	533	16	19	2	27	4	128	6	3549	25	2	0	-16	4	2	2	7	1	2	1
1141960	PPM	-4002	1075	1387	262	796	91	3281	92	41812	428	670	18	23	2	35	4	150	6	4479	29	3	0	-11	4	2	2	9	1	2	1
1141961	PPM	-5721	823	1072	198	535	62	346	32	39971	336	120	7	6	1	13	3	66	4	3315	20	2	0	-81	3	-5	1	5	1	3	0
1141962	PPM	-5543	815	765	195	496	67	252	34	31728	300	102	7	3	1	7	3	55	4	3815	23	2	0	-82	3	-10	1	7	1	4	1
1141963	PPM	-3998	1170	1321	288	743	100	2169	85	41568	460	489	17	25	3	46	5	145	7	9310	50	6	0	-25	5	6	2	17	1	3	1
1141964	PPM	-4963	1106	1038	262	741	93	2747	88	43332	455	406	15	26	2	40	4	135	6	7248	40	4	0	-8	4	4	2	13	1	3	1
1141965	PPM	-6583	1117	1084	278	826	103	2016	83	42082	469	374	15	18	2	32	4	126	7	7146	42	4	0	-24	5	7	2	10	1	3	1
1141966	PPM	-5984	1165	926	277	656	99	2335	88	44757	497	401	16	20	2	40	5	151	7	7189	42	3	0	-15	5	1	2	10	1	4	1
1141967	PPM	-5686	1023	1056	247	776	88	3040	86	42908	424	835	19	26	2	45	4	129	6	6598	36	4	0	-18	4	4	2	17	1	4	1
1141968	PPM	-4005	1119	1451	276	826	95	3820	99	44801	453	764	20	31	3	46	4	167	7	9672	47	5	0	-6	4	3	2	12	1	2	1
1141969	PPM	-4463	1113	1259	270	774	95	2709	87	43084	451	735	19	27	3	42	4	147	6	7183	40	4	0	-10	4	-2	2	10	1	3	1
1141970	PPM	-5031	1109	1681	282	951	97	3215	91	46744	469	654	18	27	2	37	4	156	6	8157	42	5	0	-12	4	9	2	13	1	2	1
1141971	PPM	-5941	1137	1374	288	654	97	3097	96	44170	478	665	19	22	3	39	5	160	7	8458	46	5	0	-19	5	6	2	13	1	3	1
1141972	PPM	-4780	1143	561	253	697	95	2774	90	44672	474	538	17	26	2	44	5	151	7	7944	43	5	0	-16	5	6	2	13	1	1	1
1141973	PPM	-5337	1095	1181	269	701	93	3210	93	43450	450	766	20	29	3	36	4	206	7	8828	46	6	0	-18	5	4	2	21	1	2	1
1141974	PPM	-3551	1081	1198	256	785	90	3106	89	42250	427	620	17	27	2	38	4	184	7	6896	38	4	0	-22	4	7	2	16	1	1	1
1141975	PPM	-6946	1155	795	285	875	108	2581	89	45088	484	1538	31	40	3	48	5	216	8	19642	85	12	0	-47	5	23	2	23	1	19	1
1141976	PPM	-6456	1040	996	253	735	90	3148	90	43357	440	428	15	24	2	39	4	130	6	6725	37	4	0	-10	4	2	2	12	1	2	1
1141977	PPM	-6439	1043	902	254	842	96	3264	94	40967	431	894	21	31	3	33	4	135	6	6049	35	3	0	-18	4	0	2	7	1	2	1
1141978	PPM	-5135	1090	1169	266	929	97	2549	84	43243	446	502	16	27	2	39	4	161	7	7991	42	4	0	-10	4	2	2	12	1	1	1
1141979	PPM	-5517	1090	1598	278	941	96	1782	71	45500	461	400	14	16	2	32	4	131	6	9116	47	5	0	-23	4	7	2	11	1	3	1
1141980	PPM	-6647	1146	1871	319	628	103	2244	90	40465	468	592	19	19	3	37	5	115	7	8674	49	5	0	-30	5	9	2	11	1	3	1
1141981	PPM	-6705	1011	879	247	721	90	2954	88	40565	417	518	16	27	2	41	4	110	6	7359	40	4	0	-16	4	3	2	9	1	1	1
1141982	PPM	-5529	1154	928	279	1037	108	2349	85	44147	475	736	21	26	3	42	5	146	7	13619	65	7	0	-26	5	4	2	15	1	4	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1141983	PPM	-6168	1083	1132	273	620	94	2679	88	41203	441	762	20	23	3	32	4	114	6	9597	50	5	0	-22	5	3	2	8	1	2	1
1141984	PPM	-4259	1101	1318	269	896	95	2865	85	44935	448	740	19	27	3	34	4	123	6	11234	53	5	0	-21	4	3	2	9	1	3	1
1141985	PPM	-5402	1073	1522	274	733	91	2936	88	43013	442	480	16	26	2	35	4	144	6	6856	38	4	0	-13	4	7	2	15	1	2	1
1141986	PPM	-6480	1097	952	267	808	99	2814	92	42460	461	467	16	19	2	46	5	112	6	6962	40	4	0	-14	5	6	2	12	1	1	1
1141987	PPM	-4721	1130	1019	266	780	95	2487	84	45117	468	596	18	25	2	44	4	164	7	8511	45	5	0	-16	5	3	2	15	1	3	1
1141988	PPM	-4298	1164	1492	289	958	103	3128	94	45426	479	714	20	23	3	65	5	181	7	8822	46	4	0	-6	5	2	2	18	1	3	1
1141989	PPM	-2898	1158	1450	277	977	99	2526	83	45759	469	620	18	24	2	39	4	151	6	8555	44	5	0	-17	4	6	2	12	1	2	1
1141990	PPM	-4877	1124	1163	275	596	93	2784	89	43094	454	785	21	22	3	37	4	159	7	10641	53	6	0	-26	4	5	2	15	1	4	1
1141991	PPM	-5446	1124	1084	269	889	98	1553	70	45725	477	450	16	20	2	36	4	132	6	9191	48	6	0	-42	4	2	2	13	1	1	1
1141992	PPM	-3191	1177	894	269	850	101	2575	88	43434	464	702	20	28	3	31	4	143	7	9580	49	5	0	-24	4	3	2	13	1	5	1
1141993	PPM	-5727	1200	1088	296	742	107	2036	88	42562	493	544	19	21	3	32	5	146	7	9056	50	4	0	-25	5	1	2	11	1	3	1
1141994	PPM	-6813	1114	1392	290	852	101	2761	89	44679	471	778	21	25	3	47	5	174	7	13146	63	7	0	-25	5	3	2	20	1	3	1
1141995	PPM	-5361	1193	1031	292	687	104	2737	96	42962	484	760	22	26	3	31	5	171	7	11732	60	6	0	-27	5	7	2	20	1	4	1
1141996	PPM	-5434	1097	967	263	662	93	2710	87	43024	451	633	18	23	2	44	4	133	6	8923	46	4	0	-14	4	6	2	14	1	1	1
1141997	PPM	-5584	1149	507	257	885	103	2094	82	44941	484	589	18	20	2	43	5	137	7	9618	50	5	0	-18	5	3	2	16	1	4	1
1141998	PPM	-5092	1126	897	264	1056	101	2507	82	47141	475	839	21	24	3	40	4	180	7	11711	55	6	0	-16	4	3	2	14	1	2	1
1141999	PPM	-5335	1063	1711	275	720	90	2650	83	43501	440	911	21	29	3	47	4	136	6	5799	33	3	0	-21	4	3	2	10	1	2	1
1142000	PPM	-4437	1205	1631	308	781	102	2686	87	47893	496	1136	26	31	3	52	5	139	7	19966	85	10	0	-34	5	8	2	14	1	3	1
1142144	PPM	-7476	1110	1559	297	740	99	3105	95	44839	479	688	20	26	3	49	5	170	7	12157	59	7	0	-16	5	5	2	18	1	2	1
1142145	PPM	-5820	1093	957	263	686	94	2391	84	42604	453	718	19	24	3	29	4	131	6	7584	42	4	0	-18	4	1	2	10	1	3	1
1142146	PPM	-4762	1075	1480	268	901	95	2720	86	42392	438	554	16	19	2	33	4	125	6	4483	29	3	0	-23	4	3	2	10	1	2	1
1142147	PPM	-5883	1010	1046	238	754	84	1457	63	44631	436	371	12	18	2	33	4	103	5	2396	19	2	0	-18	4	-4	2	6	1	1	1
1142148	PPM	-7319	1257	1089	326	864	119	2323	93	45997	529	1299	31	24	3	53	6	210	9	24856	110	12	1	-65	5	9	2	36	2	6	1
1142149	PPM	-5721	1052	1025	253	662	88	2038	75	43025	437	490	16	19	2	38	4	126	6	7906	42	4	0	-13	4	5	2	27	1	3	1
1142150	PPM	-4139	1112	1501	274	841	94	1489	68	44066	455	348	13	15	2	38	4	151	6	6639	37	4	0	-21	4	2	2	13	1	2	1
1142151	PPM	-4569	994	1243	234	775	78	401	39	46711	423	121	8	9	1	28	3	299	7	5823	32	3	0	-76	3	-2	2	41	1	4	1
1142152	PPM	-4189	1070	1713	272	795	90	1804	72	41893	431	415	14	14	2	32	4	126	6	3361	24	2	0	-16	4	1	2	5	1	1	1
1142153	PPM	-6840	1080	1325	278	907	101	2178	82	42531	456	638	19	26	3	34	4	134	6	7313	41	5	0	-31	4	6	2	16	1	3	1
1142154	PPM	-2476	1147	1356	270	805	94	2071	77	44111	454	600	17	23	2	32	4	150	6	7470	40	4	0	-18	4	5	2	9	1	3	1
1142155	PPM	-4293	1278	715	295	941	116	2101	90	44397	515	687	22	27	3	49	5	161	8	15244	75	10	0	-45	5	5	2	20	1	4	1
1142156	PPM	-5010	1090	1248	262	717	90	1721	70	45675	461	703	18	28	2	34	4	144	6	6531	37	4	0	-29	4	2	2	11	1	3	1
1142157	PPM	-2880	1139	1089	265	714	94	2646	86	42265	442	840	21	23	3	29	4	162	7	8332	44	5	0	-31	4	4	2	11	1	3	1
1142158	PPM	-7143	1098	1341	281	770	97	2663	88	45638	479	653	19	25	3	31	4	141	6	10112	51	6	0	-18	5	10	2	10	1	3	1
1142159	PPM	-6226	1039	1127	255	896	94	2569	82	43318	439	590	17	23	2	39	4	129	6	5877	34	3	0	-14	4	4	2	10	1	2	1
1142160	PPM	-4007	1102	1463	276	823	99	2298	85	38178	424	616	18	24	2	31	4	105	6	2324	20	1	0	-22	4	2	2	6	1	3	1
1142161	PPM	-9244	1505	869	408	1048	154	1559	92	51407	646	2757	54	69	6	57	8	1255	22	64634	274	35	1	-173	6	56	3	78	2	21	1
1142162	PPM	-6034	1115	1296	283	856	103	2181	84	41568	459	666	19	24	3	33	4	124	7	7696	43	4	0	-32	4	4	2	7	1	4	1
1142163	PPM	-4632	1095	407	237	714	91	2619	84	43646	447	706	19	27	3	45	4	121	6	8809	45	5	0	-21	4	2	2	10	1	2	1
1142164	PPM	-5636	938	1356	240	817	82	877	50	39006	373	273	11	15	2	28	4	202	6	8140	42	4	0	-76	4	14	2	34	1	8	1
1142165	PPM	-6032	1039	1073	251	799	90	1487	66	43553	439	439	14	21	2	37	4	156	6	6205	35	4	0	-37	4	10	2	17	1	3	1
1142166	PPM	-8293	1006	1379	270	847	95	1895	74	41885	436	499	16	27	2	41	4	162	7	7333	40	5	0	-43	4	6	2	20	1	3	1
1142167	PPM	-6589	1074	1352	278	673	94	2609	87	41919	447	495	16	24	2	44	5	152	7	7379	40	4	0	-21	4	5	2	22	1	3	1
1142168	PPM	-3891	1204	1339	290	853	105	791	64	43050	489	216	12	16	2	32	4	129	7	4488	31	3	0	-41	4	2	2	13	1	3	1
1142169	PPM	-7158	1024	796	246	803	92	2829	86	42833	438	482	15	23	2	34	4	148	6	6732	37	4	0	-17	4	4	2	17	1	2	1
1142170	PPM	-5834	1100	1255	276	880	100	2130	82	41761	453	439	16	25	2	46	5	156	7	6595	39	4	0	-26	4	2	2	20	1	3	1
1142171	PPM	-5666	1060	1158	260	937	96	2777	86	42564	439	416	14	22	2	37	4	131	6	5961	35	2	0	-10	4	7	2	24	1	4	1
1142172	PPM	-4321	1163	1504	285	678	93	1158	64	46813	489	401	15	22	2	38	4	178	7	8516	45	6	0	-38	4	9	2	13	1	6	1
1142173	PPM	-5951	1096	1058	270	834	98	1969	76	43665	454	713	20	26	3	57	5	225	7	12037	56	6	0	-15	4	11	2	21	1	7	1
1142174	PPM	-5944	1103	661	252	968	103	1706	77	41643	461	201	11	14	2	32	4	96	6	4046	28	2	0	-21	4	3	2	7	1	2	1
1142175	PPM	-4600	1061	1137	249	648	84	2044	72	45059	444	415	14	19	2	32	4	132	6	5268	30	3	0	-52	4	29	2	16	1	3	1
1142176	PPM	-4546	1133	947	259	846	95	756	57	45747	478	226	11	11	2	38	4	151	6	5698	34	4	0	-28	4	3	2	8	1	3	1
1142177	PPM	-4061	1056	1008	239	779	86	1409	63	44424	438	421	13	19	2	26	4	123	6	2458	20	2	0	-19	4	1	2	6	1	1	1
1142178	PPM	-5413	1139	1098	285	804	103	2423	87	41584	452	905	23	29	3	45	5	167	7	14527	67	7	0	-44	5	4	2	17	1	2	1
1142179	PPM	-5056	1089	900	257	922	98	2435	82	42536	442	725	19	25	3	37	4	144	6	9244	47	5	0	-24	4	5	2	16	1	2	1
1142180	PPM	-3097	1141	1402	274	907	98	2541	85	42788	451	309	13	18	2	32	4	148	6	6320	37	4	0	-8	4	1	2	12	1	2	1
1142181	PPM	-4859	1119	836	257	621	90	1623	71	44971	466	631	18	18	2	37	4	149	6	9663	49	5	0	-35	4	6	2	9	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1142182	PPM	-4962	1093	1539	270	755	89	2311	77	47609	468	526	16	28	2	43	4	142	6	7128	38	3	0	-9	4	7	2	14	1	2	1
1142183	PPM	-4322	965	1014	222	791	79	438	41	41318	389	149	8	10	1	21	3	88	5	2925	20	2	0	-65	3	-3	2	6	1	3	1
1142184	PPM	-5071	840	899	193	757	68	367	33	39664	338	97	6	4	1	19	3	93	4	3085	21	2	0	-80	3	-8	2	10	1	4	1
1142185	PPM	-5970	1050	1273	261	748	90	1946	74	43560	443	362	13	21	2	37	4	140	6	6175	36	4	0	-20	4	3	2	10	1	4	1
1142186	PPM	-8200	1090	1449	294	848	104	2590	91	42990	475	666	20	28	3	48	5	166	7	8495	47	5	0	-11	5	6	2	15	1	6	1
1142187	PPM	-4712	1162	1347	289	667	100	2637	94	41089	465	416	16	19	2	44	5	137	7	6247	38	3	0	-21	5	4	2	17	1	3	1
1142188	PPM	-6371	923	1279	228	559	71	403	39	43566	396	88	7	7	1	13	3	222	6	5002	28	3	0	-84	3	-8	2	26	1	12	1
1142189	PPM	-5822	1123	1106	283	570	91	421	47	45894	459	142	13	15	2	38	5	718	12	30406	114	14	1	-127	4	-2	2	80	2	12	1
1142190	PPM	-8026	1263	1353	334	693	107	195	47	54189	566	64	15	6	3	44	5	601	12	57612	215	40	1	-239	5	1	2	17	1	11	1
1142191	PPM	-5115	1328	918	329	1029	118	202	50	50750	551	72	16	5	3	30	5	1153	18	55057	210	34	1	-219	5	2	2	33	1	6	1
1142192	PPM	-5349	1018	1310	261	641	83	351	40	42757	403	170	12	16	2	31	4	308	8	26079	95	16	1	-131	4	8	2	24	1	8	1
1142193	PPM	-6537	1015	1226	254	1447	103	3237	88	44312	434	500	15	22	2	38	4	151	6	7372	39	4	0	-7	4	2	2	10	1	2	1
1142194	PPM	-5406	1132	1220	272	678	90	877	56	49653	495	416	15	19	2	40	4	214	7	12793	59	9	0	-36	4	8	2	26	1	4	1
1142195	PPM	-4584	1033	1322	250	821	87	2211	75	42881	424	570	16	21	2	32	4	116	6	3140	23	2	0	-21	4	2	2	6	1	3	1
1142196	PPM	-5211	1138	1206	281	805	102	2798	94	41379	461	671	19	30	3	47	5	165	7	6133	37	4	0	-10	5	10	2	14	1	2	1
1142197	PPM	-6538	1161	1528	306	796	105	2441	88	44839	488	859	23	32	3	52	5	710	13	13468	64	8	0	-26	5	32	2	41	2	4	1
1142198	PPM	-6132	1100	1276	281	814	100	2892	92	41808	449	706	20	21	3	47	5	134	7	10059	51	6	0	-14	5	5	2	10	1	3	1
1142199	PPM	-4132	1041	1107	245	692	85	2384	77	42067	418	588	16	25	2	26	4	111	6	4603	27	3	0	-48	4	0	2	5	1	2	1
1142200	PPM	-4521	1004	1308	241	706	79	214	37	43641	414	49	7	8	1	28	4	114	5	6212	35	3	0	-89	3	5	2	16	1	4	1
1142201	PPM	-6522	909	1339	231	634	74	297	37	41055	380	56	6	6	1	25	3	102	5	5833	32	3	0	-87	3	-3	2	9	1	4	1
1142202	PPM	-5756	862	941	203	571	66	279	33	40387	354	56	6	3	1	9	3	206	6	3461	22	2	0	-83	3	-10	1	17	1	4	1
1142203	PPM	-4253	906	893	207	756	75	257	36	37523	350	62	6	4	1	16	3	81	5	1748	16	1	0	-78	3	-13	2	10	1	4	1
1142204	PPM	-5737	773	1217	203	554	66	356	35	29716	280	90	6	9	1	26	3	83	5	1412	14	0	0	-82	3	-11	2	36	1	9	1
1142205	PPM	-3525	828	905	191	663	68	274	33	31948	293	67	6	5	1	17	3	65	4	1219	13	0	0	-77	3	-14	1	4	1	3	1
1142206	PPM	-5304	792	1202	198	625	65	243	31	33967	300	66	5	5	1	18	3	83	4	1467	14	0	0	-84	3	-9	2	4	1	2	1
1142207	PPM	-4726	1105	1280	269	808	93	3217	90	46262	460	870	21	37	3	42	4	164	6	10864	52	7	0	-14	5	9	2	15	1	4	1
1142208	PPM	-3332	1091	1314	259	1017	94	2937	84	45146	442	738	18	27	2	50	4	189	7	7444	39	4	0	-6	4	7	2	17	1	1	1
1142209	PPM	-4556	1020	1365	251	648	84	2089	74	39732	405	554	16	22	2	37	4	94	5	2136	18	1	0	-21	4	6	2	5	1	1	1
1142210	PPM	-4376	682	586	155	540	56	295	28	25987	225	98	6	6	1	11	3	68	4	1350	12	0	0	-78	3	-10	1	25	1	4	1
1142211	PPM	-5967	984	1347	247	751	84	280	42	40651	409	113	8	11	2	37	4	125	6	1931	19	0	0	-68	4	-10	2	160	3	7	1
1142212	PPM	-5802	1072	1573	265	983	92	324	44	48275	478	94	7	12	2	38	4	144	6	2317	20	0	0	-73	3	-14	2	117	2	9	1
1142213	PPM	-4081	1026	1177	243	663	83	220	42	39415	404	93	7	9	2	40	4	130	6	1728	18	0	0	-79	4	-7	2	56	2	6	1
1142214	PPM	-3545	1452	1818	339	990	115	175	55	62559	706	74	8	11	2	71	5	245	8	2134	24	0	0	-67	5	-8	2	102	3	12	1
1142215	PPM	-6514	737	1079	189	769	67	234	30	32142	282	110	6	7	1	26	3	70	4	1217	13	0	0	-80	3	-12	1	16	1	3	1
1142216	PPM	-4916	903	1209	220	897	79	179	34	37673	355	57	6	7	1	27	3	105	5	1525	15	0	0	-83	3	-12	2	27	1	6	1
1142217	PPM	-4872	1007	974	234	849	87	283	42	40537	409	74	7	12	2	32	4	128	6	1779	18	0	0	-76	4	-9	2	57	2	7	1
1142218	PPM	-5090	850	1115	206	850	74	390	36	36694	331	82	6	7	1	26	3	110	5	1707	16	0	0	-84	3	-7	2	31	1	6	1
1142219	PPM	-3666	1317	1055	290	788	103	181	52	53611	596	106	9	12	2	58	5	172	7	2661	26	0	0	-67	4	0	2	34	2	7	1
1142220	PPM	-6667	897	1432	227	659	73	955	48	42993	387	371	11	13	2	27	3	92	5	1570	14	1	0	-54	3	-4	2	13	1	2	1
1142221	PPM	-4901	995	1613	253	899	87	2473	76	41420	404	508	14	18	2	26	4	104	5	2548	20	1	0	-13	4	0	2	6	1	1	1
1142222	PPM	-5748	1086	1397	269	1015	97	1887	72	46656	469	414	14	18	2	28	4	142	6	7575	41	3	0	-9	4	6	2	11	1	3	1
1142223	PPM	-7590	1068	1382	276	703	92	1568	69	45811	472	559	17	25	2	37	4	137	6	9031	47	6	0	-34	4	3	2	15	1	3	1
1142224	PPM	-5728	1091	774	256	781	96	3055	91	43592	453	860	21	26	3	51	5	147	6	8993	46	5	0	-29	4	3	2	13	1	3	1
1142225	PPM	-4860	1084	1432	266	774	91	2661	84	44911	455	647	17	21	2	34	4	132	6	4761	30	3	0	-15	4	3	2	9	1	2	1
1142226	PPM	-5692	749	830	181	615	64	397	33	31198	276	104	6	6	1	14	3	50	4	2014	16	1	0	-82	3	-12	1	4	1	5	1
1142227	PPM	-7338	1002	827	241	643	86	3180	89	43190	434	953	21	31	3	37	4	139	6	4982	30	3	0	-26	4	5	2	9	1	3	1
1142228	PPM	-4500	1051	1152	242	891	86	1205	57	47998	454	329	12	15	2	31	4	116	5	3847	25	3	0	-21	4	0	2	9	1	1	1
1142229	PPM	-4340	1308	931	310	734	113	2896	103	45900	534	802	24	28	3	46	5	162	8	15462	76	9	0	-51	5	5	2	17	1	5	1
1142230	PPM	-4430	1173	1349	279	761	93	984	59	51063	513	451	15	17	2	40	4	169	7	10681	52	8	0	-57	4	6	2	22	1	4	1
1142231	PPM	-4122	1112	1721	277	842	92	3247	90	47310	468	592	17	21	2	29	4	120	6	6472	36	3	0	-20	4	2	2	7	1	2	1
1142232	PPM	-5335	1041	1167	251	771	89	3367	92	42977	432	543	16	25	2	37	4	103	6	4150	27	2	0	-19	4	0	2	7	1	3	1
1142233	PPM	-6566	1114	1283	272	862	95	2038	76	49618	504	383	14	22	2	41	4	163	6	6343	37	4	0	-21	4	2	2	10	1	2	1
1142234	PPM	-3386	1153	951	261	973	98	3275	92	47720	479	643	18	28	2	44	4	187	7	8622	44	5	0	-23	4	6	2	12	1	2	1
1142235	PPM	-3451	1121	1709	275	895	93	2715	83	47288	467	632	17	24	2	28	4	125	6	5917	34	3	0	-25	4	6	2	13	1	4	1
1142236	PPM	-4966	1129	1530	274	701	87	1066	59	51200	504	290	12	16	2	28	4	152	6	6549	36	6	0	-34	4	6	2	13	1	2	1
1142237	PPM	-4449	1152	1229	273	957	98	2990	88	49464	494	767	20	29	3	47	4	347	8	10461	51	6	0	-20	4	10	2	16	1	3	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1142238	PPM	-3440	1185	1142	276	766	97	3457	97	47392	490	760	20	30	3	56	5	245	8	9555	49	6	0	-26	4	6	2	15	1	3	1
1142239	PPM	-5978	1129	768	259	929	99	3152	91	49826	501	1214	25	30	3	68	5	212	7	9607	48	5	0	-3	4	8	2	15	1	1	1
1142240	PPM	-5674	1156	1405	290	824	99	3595	98	48677	496	1074	24	26	3	45	5	166	7	13830	62	8	0	-24	4	3	2	16	1	2	1
1142241	PPM	-6288	1120	1512	286	920	99	3481	95	48726	488	1018	23	33	3	48	5	182	7	13049	59	8	0	-21	5	12	2	20	1	4	1
1142242	PPM	-5181	1099	1066	262	921	96	2870	85	46544	463	818	20	26	3	43	4	150	6	10173	49	6	0	-29	4	0	2	11	1	1	1
1142243	PPM	-7285	1038	1328	265	1046	97	2944	85	46361	457	764	19	26	2	33	4	108	6	8691	43	4	0	-17	4	5	2	9	1	2	1
1142244	PPM	-6647	1026	991	250	730	89	3019	87	43737	437	726	18	21	2	41	4	105	6	7210	38	4	0	-28	4	2	2	6	1	3	1
1142245	PPM	-6398	1097	933	268	826	97	3044	90	45385	463	922	22	27	3	52	5	149	7	13989	63	6	0	-19	4	6	2	16	1	0	1
1142246	PPM	-5165	1103	1641	277	782	91	3068	87	48212	475	827	20	23	2	39	4	177	6	8507	43	4	0	-11	4	3	2	14	1	1	1
1142247	PPM	-4906	919	1003	220	759	76	396	37	40236	363	150	9	6	2	22	3	193	6	9753	43	7	0	-93	3	1	2	16	1	6	1
1142248	PPM	-5467	1027	545	235	812	88	472	45	42925	417	139	11	8	2	19	4	298	8	16471	71	9	0	-110	4	-3	2	29	1	9	1
1142249	PPM	-6237	863	1030	214	623	71	552	39	39245	345	232	10	11	2	19	3	159	5	9899	42	6	0	-96	3	1	2	95	2	7	1
1142250	PPM	-5362	809	1032	193	624	63	438	33	38551	323	136	7	10	1	15	3	62	4	3140	20	1	0	-74	3	-9	1	18	1	5	1
1142251	PPM	-5505	1043	1331	259	1027	95	3253	89	44093	436	774	19	24	2	36	4	112	6	6090	34	3	0	-18	4	-4	2	8	1	1	1
1142252	PPM	-5940	1043	1577	270	773	90	2633	81	43960	435	737	19	29	3	43	4	141	6	9773	47	5	0	-18	4	5	2	10	1	2	1
1142253	PPM	-6485	820	1359	208	588	64	389	34	40600	343	152	7	9	1	16	3	125	5	2954	19	1	0	-75	3	-3	1	21	1	4	1
1142254	PPM	-4571	1119	753	252	979	97	2540	81	47374	473	704	19	22	2	35	4	157	6	9599	47	5	0	-12	4	0	2	13	1	2	1
1142255	PPM	-7284	1092	1377	281	1021	101	2810	87	47482	481	889	21	32	3	48	5	177	7	11946	56	7	0	-30	4	7	2	13	1	3	1
1142256	PPM	-5507	1114	1665	285	814	95	3393	94	47222	476	899	21	30	3	43	4	192	7	10753	52	6	0	-30	4	6	2	13	1	2	1
1142257	PPM	-4701	1128	1212	272	1060	101	2715	84	46970	472	788	20	26	3	38	4	148	6	11685	55	6	0	-16	4	6	2	14	1	3	1
1142258	PPM	-3986	1174	1152	279	937	101	2949	89	47889	487	902	22	29	3	42	5	158	7	14169	64	8	0	-28	5	7	2	15	1	3	1
1142259	PPM	-5128	1134	899	266	712	94	3042	90	46760	477	939	22	29	3	46	5	170	7	12670	59	7	0	-29	4	5	2	11	1	2	1
1142260	PPM	-6006	1182	1311	289	742	98	2682	86	52361	531	1429	28	33	3	58	5	273	8	13412	61	5	0	-36	4	3	2	23	1	2	1
1142261	PPM	-6431	1068	1552	277	894	95	3078	88	45822	457	911	21	25	3	46	4	116	6	10523	50	5	0	-23	4	3	2	11	1	3	1
1142262	PPM	-7320	1032	1159	258	825	91	2491	78	46577	455	786	19	25	2	37	4	115	6	9238	45	5	0	-28	4	4	2	10	1	1	1
1142263	PPM	-5418	1047	1335	255	907	90	3239	87	46402	450	695	17	21	2	33	4	143	6	4825	29	3	0	-16	4	2	2	11	1	1	1
1142264	PPM	-6388	972	1018	246	604	79	529	42	43098	393	177	12	7	2	29	4	327	8	25318	93	13	0	-125	4	0	2	30	1	5	1
1142265	PPM	-4586	985	1175	241	728	80	412	39	42517	389	106	10	3	2	20	4	306	7	16025	65	10	0	-112	3	-1	2	53	1	6	1
1142266	PPM	-6983	1108	1230	278	810	97	3077	91	47986	488	925	22	27	3	45	5	172	7	11286	54	5	0	-20	4	-1	2	16	1	3	1
1142267	PPM	-4173	1089	1013	252	921	93	3059	86	46027	451	633	17	25	2	33	4	132	6	8593	43	4	0	-16	4	4	2	12	1	1	1
1142268	PPM	-5191	1054	566	233	968	93	2650	80	45813	446	731	18	28	2	39	4	157	6	7116	37	4	0	-23	4	-1	2	9	1	2	1
1142269	PPM	-5597	1016	769	230	1037	92	2937	83	44481	433	628	16	22	2	36	4	104	5	3199	22	2	0	-19	4	-2	2	5	1	3	1
1142270	PPM	-6206	1075	1799	285	816	94	3428	93	45886	459	834	20	26	3	39	4	171	7	9735	48	5	0	-21	4	3	2	12	1	4	1
1142271	PPM	-5605	1113	688	254	780	94	3180	92	46965	477	801	20	28	3	41	4	184	7	9152	46	5	0	-17	4	7	2	13	1	2	1
1142272	PPM	-7578	1063	1363	278	876	98	3573	97	45061	461	1028	23	28	3	42	4	154	7	10504	51	6	0	-25	4	2	2	13	1	3	1
1142273	PPM	-5250	1011	1066	240	841	87	3167	85	44009	422	966	20	35	3	33	4	141	6	5428	31	3	0	-13	4	4	2	9	1	3	1
1142274	PPM	-5820	1088	1299	272	728	93	4244	103	45486	457	1019	23	29	3	44	4	148	6	10959	52	7	0	-18	4	4	2	16	1	3	1
1142275	PPM	-5445	1104	1060	264	836	94	3469	93	47308	471	913	21	31	3	44	4	155	6	10196	49	7	0	-37	4	4	2	16	1	3	1
1142276	PPM	-8495	1099	1093	283	864	101	3252	95	47359	490	859	22	29	3	45	5	189	7	15244	69	9	0	-37	5	6	2	14	1	3	1
1142277	PPM	-4504	1046	1127	248	776	88	3505	91	43654	428	1090	22	29	3	42	4	139	6	5697	32	3	0	-21	4	-1	2	10	1	2	1
1142278	PPM	-5422	1073	1368	265	949	94	3034	86	46313	456	691	18	25	2	48	4	159	6	8108	42	5	0	-19	4	5	2	14	1	3	1
1142279	PPM	-3633	1143	1249	270	851	95	3331	92	47414	475	727	19	25	2	39	4	272	8	9486	47	5	0	-16	4	8	2	14	1	4	1
1142280	PPM	-6892	1088	1522	283	868	97	3234	92	46579	473	839	21	30	3	52	5	197	7	10402	51	6	0	-22	4	4	2	19	1	3	1
1142281	PPM	-4443	1124	1058	264	894	96	3047	89	46954	471	763	19	30	3	55	5	196	7	9325	46	6	0	-27	4	3	2	23	1	2	1
1142282	PPM	-5776	1105	1147	265	700	90	3236	91	48531	482	658	18	27	2	42	4	163	6	9221	46	5	0	-18	4	7	2	11	1	2	1
1142283	PPM	-5764	1059	1444	266	991	94	2761	82	46044	452	685	18	29	2	39	4	162	6	7768	40	5	0	-25	4	1	2	16	1	3	1
1142284	PPM	-6273	1058	1442	266	724	88	3204	88	47129	462	908	20	25	2	46	4	147	6	7303	38	4	0	-18	4	3	2	11	1	1	1
1142285	PPM	-4910	1136	1973	297	948	99	3342	94	47410	481	954	22	29	3	37	4	150	6	9533	47	5	0	-24	4	2	2	11	1	3	1
1142286	PPM	-5849	1192	1555	302	774	100	3364	97	50534	523	742	20	31	3	46	5	199	7	13843	64	8	0	-24	5	7	2	24	1	3	1
1142287	PPM	-4241	971	1370	243	585	76	640	44	40380	374	230	11	5	2	23	4	262	7	14864	62	6	0	-99	3	-5	2	6	1	6	1
1142288	PPM	-4629	933	994	223	751	77	443	38	40733	366	134	9	5	2	23	3	254	7	12034	51	7	0	-102	3	-3	2	7	1	7	1
1142289	PPM	-4496	894	513	198	509	66	388	34	41131	351	148	9	3	1	14	3	326	7	12279	49	6	0	-95	3	-10	1	9	1	5	1
1142290	PPM	-5124	912	1205	225	735	74	659	41	42313	366	180	10	8	2	15	3	333	7	12272	49	5	0	-97	3	-8	1	5	1	5	1
1142291	PPM	-4971	893	1245	216	601	67	384	34	43926	368	124	8	8	1	13	3	366	7	8995	39	4	0	-93	3	-9	1	19	1	5	1
1142292	PPM	-4993	925	1052	220	773	74	448	37	44312	380	159	9	9	2	19	3	602	9	11468	47	5	0	-91	3	-6	1	11	1	5	1
1142293	PPM	-5080	1149	1761	300	829	99	3059	91	46420	476	995	23	26	3	51	5	169	7	14231	64	7	0	-28	4	3	2	16	1	2	1

Sample No.	Units	P	P +/-	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-	Zn	Zn +/-	As	As +/-
1142294	PPM	-6799	1051	1563	277	727	92	3160	90	44282	446	981	22	29	3	50	4	131	6	9814	48	5	0	-28	4	2	2	16	1	3	1
1142295	PPM	-5965	1122	1497	279	694	89	1741	68	52021	503	553	17	25	2	49	4	213	7	11621	52	5	0	-34	4	0	2	15	1	2	1
1142296	PPM	-4562	1099	1145	273	568	86	464	43	46782	440	210	14	18	2	31	4	255	7	30254	106	17	1	-133	4	0	2	50	1	13	1
1142297	PPM	-7001	1075	1084	267	758	93	3014	89	46255	467	737	19	27	3	42	4	171	7	10767	52	6	0	-23	4	6	2	11	1	4	1
1142298	PPM	-4015	1180	870	273	886	101	3327	95	47497	487	931	22	28	3	53	5	184	7	14341	65	9	0	-28	5	6	2	16	1	2	1
1142299	PPM	-3944	1101	1143	259	839	92	3108	88	45286	450	833	20	25	2	39	4	148	6	8506	43	6	0	-30	4	0	2	10	1	3	1
1142300	PPM	-4901	1165	766	270	837	100	3099	91	47772	488	875	22	33	3	60	5	185	7	16098	71	10	0	-50	4	1	2	15	1	3	1
1142301	PPM	-5058	1095	1588	276	750	92	3294	92	45433	460	874	21	26	3	34	4	150	6	6313	36	4	0	-21	4	4	2	9	1	1	1
1142302	PPM	-4330	1103	1193	262	831	92	2858	85	46460	460	771	19	30	3	37	4	143	6	8704	44	6	0	-28	4	1	2	7	1	3	1
1142303	PPM	-5113	1045	1211	251	850	88	2497	77	45652	442	494	15	25	2	35	4	130	6	6037	33	3	0	-30	4	-1	2	11	1	2	1
1142304	PPM	-4556	1028	1041	240	699	84	3031	85	42968	420	778	18	22	2	40	4	120	6	4800	29	3	0	-5	4	3	2	7	1	1	1
1142305	PPM	-6249	1060	757	246	778	90	2973	85	46845	460	773	19	24	2	45	4	159	6	8674	43	6	0	-28	4	6	2	10	1	3	1
1142306	PPM	-4841	1019	1333	250	871	88	2998	83	42952	417	853	19	27	2	40	4	132	6	5344	31	3	0	-10	4	1	2	9	1	0	1
1142307	PPM	-6241	1035	1450	264	860	92	3273	89	44592	440	892	20	33	3	41	4	163	6	7121	38	4	0	-12	4	2	2	10	1	16	1
1142308	PPM	-5901	942	788	220	722	82	3112	84	39693	384	812	18	25	2	42	4	99	5	2933	21	2	0	-25	4	-1	2	3	1	2	1
1142309	PPM	-4496	1153	1030	273	772	98	3405	97	45246	473	830	21	31	3	51	5	204	7	11469	55	6	0	-30	4	6	2	14	1	2	1
1142310	PPM	-6902	1070	978	267	944	101	3477	96	43585	450	1098	24	31	3	47	5	147	7	11886	56	7	0	-28	4	5	2	16	1	2	1
1142311	PPM	-6268	1099	1453	280	794	94	2862	86	47315	473	766	20	27	3	53	5	176	7	12348	57	8	0	-17	4	6	2	13	1	3	1
1142312	PPM	-5012	976	1375	247	643	81	969	54	38180	381	348	13	18	2	43	4	149	6	6456	38	3	0	-78	4	-9	2	36	1	13	1
1142313	PPM	-4927	1059	1600	268	898	93	511	50	42135	436	168	9	13	2	56	4	176	7	2284	22	1	0	-68	4	-10	2	75	2	10	1
1142314	PPM	-1972	1053	1397	250	772	86	442	46	37386	386	169	9	11	2	44	4	144	6	2232	21	0	0	-70	4	-7	2	61	2	8	1
1142315	PPM	-6036	1064	1262	267	841	94	2774	84	44550	446	719	19	26	3	43	4	149	6	10685	51	6	0	-21	4	2	2	10	1	3	1
1142316	PPM	-4817	1026	1361	252	696	84	2815	82	43012	420	684	17	24	2	43	4	142	6	5017	30	4	0	-26	4	5	2	16	1	2	1
1142317	PPM	-7746	1110	1409	288	961	101	3310	93	49302	497	966	23	32	3	46	5	182	7	13945	62	8	0	-23	4	7	2	17	1	2	1
1142318	PPM	-2470	1185	1382	282	812	98	3686	99	46291	474	1137	24	34	3	52	5	239	8	12118	57	6	0	-13	5	6	2	15	1	3	1
1142319	PPM	-4905	1135	1424	280	916	98	3439	94	48491	484	965	22	24	3	47	4	236	7	11098	53	7	0	-10	5	6	2	15	1	2	1
1142320	PPM	-5974	1131	977	272	869	99	3720	100	47367	485	926	22	31	3	55	5	205	7	12140	56	8	0	-30	4	5	2	13	1	2	1
1142321	PPM	-7550	1144	1180	295	918	106	3192	95	47370	495	931	23	26	3	48	5	188	7	19640	84	9	0	-45	5	6	2	15	1	3	1
1142322	PPM	-3397	1110	1508	271	926	95	3573	94	44871	448	943	21	28	3	43	4	154	6	7410	39	4	0	-20	4	-1	2	12	1	2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140015	PPM	0	0	43	1	275	4	161	3	1	1	1	3	-6	3	-2	6	3	6	-8	4	1	1	12	1	-18	4	43	9	-1	1
1140016	PPM	0	0	42	1	296	4	231	3	1	1	1	3	1	3	-8	6	-14	6	4	4	1	1	12	1	-8	4	32	9	2	1
1140017	PPM	0	0	45	1	287	4	225	3	0	1	0	3	-2	3	3	6	-2	6	0	4	2	1	11	1	-11	4	34	9	-1	1
1140018	PPM	0	0	45	1	287	4	279	4	-1	1	-1	3	-1	3	-2	5	-8	6	-5	4	1	1	11	1	-8	4	29	9	3	1
1140019	PPM	0	0	44	1	283	4	219	3	1	1	-1	3	6	3	-14	6	-3	6	-1	4	1	1	14	1	-15	4	19	9	2	1
1140020	PPM	1	0	47	1	275	4	336	4	2	1	0	3	-8	3	-11	6	-3	6	-8	4	3	1	10	1	-12	4	44	9	-2	1
1140021	PPM	0	0	48	1	285	4	345	5	3	1	-2	3	-7	4	-12	6	-9	7	1	4	2	1	12	1	-18	4	33	10	0	1
1140022	PPM	-1	0	49	1	294	4	337	5	0	1	1	3	4	4	-9	6	-9	7	7	4	1	1	13	1	-25	4	59	11	3	2
1140023	PPM	1	0	46	1	297	4	325	4	1	1	-3	3	-4	3	1	6	3	6	-10	4	2	1	12	1	-15	4	39	10	3	1
1140024	PPM	0	0	48	1	327	4	261	4	4	1	1	3	0	4	0	6	10	7	-7	4	3	1	11	1	-12	4	37	10	0	1
1140025	PPM	0	0	45	1	261	3	380	5	1	1	-4	3	-1	3	-7	5	-5	6	-3	4	0	1	10	1	-10	4	26	9	1	1
1140026	PPM	0	0	48	1	336	4	185	3	0	1	-1	3	5	3	-4	6	0	6	-5	4	4	1	10	1	-12	4	43	9	0	1
1140027	PPM	0	0	45	1	293	4	313	4	0	1	-3	3	-4	3	3	6	-1	6	-3	4	1	1	11	1	-20	4	33	9	0	1
1140028	PPM	-1	0	15	0	98	2	150	2	-1	1	1	3	5	3	-27	4	9	5	-24	3	1	1	8	1	-44	4	9	7	-1	1
1140029	PPM	-1	0	41	1	294	4	228	3	-2	1	1	3	2	3	-4	5	-10	6	-2	4	2	1	6	1	-11	4	7	8	4	1
1140030	PPM	0	0	39	1	322	4	201	3	0	1	7	3	4	3	-12	6	9	6	-2	4	0	1	10	1	-16	4	19	9	2	1
1140031	PPM	0	0	43	1	294	4	340	4	1	1	-6	3	0	3	-8	6	-4	6	-11	4	3	1	15	1	-18	4	39	10	2	1
1140032	PPM	1	0	41	1	319	5	249	4	1	1	-6	3	-4	4	-9	6	-5	7	-5	4	2	1	10	1	-25	4	81	11	-1	2
1140033	PPM	0	0	42	1	333	4	128	2	0	1	2	3	0	3	-7	6	-13	6	-3	4	2	1	9	1	-18	4	29	9	1	1
1140034	PPM	0	0	40	1	329	4	150	3	0	1	-2	3	-4	3	-14	6	-12	6	-7	4	3	1	8	1	-12	4	43	9	-1	1
1140035	PPM	1	0	43	1	329	4	118	2	0	1	2	3	-3	3	-2	6	4	6	-5	4	2	1	7	1	-13	4	35	9	2	1
1140036	PPM	0	0	38	1	335	4	151	3	0	1	0	3	-2	4	-5	6	-3	6	-5	4	2	1	8	1	-5	4	17	9	2	1
1140037	PPM	0	0	44	1	297	4	217	3	-1	1	-3	3	1	3	-7	6	-11	6	-7	4	2	1	11	1	-16	4	28	9	0	1
1140038	PPM	0	0	45	1	273	4	360	5	0	1	-1	3	0	3	-12	6	-4	6	-9	4	2	1	11	1	-16	4	40	10	1	1
1140039	PPM	0	0	49	1	290	4	341	4	1	1	-2	3	2	3	-7	6	-16	6	-3	4	2	1	12	1	-6	4	35	9	0	1
1140040	PPM	0	0	48	1	270	3	402	5	0	1	-2	3	-2	3	-3	5	0	6	-10	4	2	1	12	1	-12	4	42	9	0	1
1140041	PPM	0	0	47	1	289	4	297	4	1	1	-4	3	-1	3	-8	5	1	6	-11	4	2	1	11	1	-10	4	44	9	2	1
1140042	PPM	0	0	43	1	269	4	265	4	0	1	-7	3	-4	3	-10	5	-5	6	-9	4	1	1	12	1	-19	4	26	9	1	1
1140043	PPM	0	0	47	1	303	4	200	3	1	1	-4	3	-2	3	-12	5	-6	6	-9	4	2	1	9	1	-9	4	19	9	0	1
1140044	PPM	-1	0	16	1	67	2	25	1	1	1	3	3	10	3	-45	5	6	5	-21	4	-4	1	6	1	-49	5	-28	7	-2	1
1140045	PPM	0	0	42	1	299	4	224	3	-2	1	5	3	1	3	-19	5	-8	6	-13	4	1	1	9	1	-15	4	25	9	2	1
1140046	PPM	1	0	37	1	288	4	215	3	0	1	3	3	1	3	-18	5	-7	6	-11	3	0	1	8	1	-10	4	23	9	-2	1
1140047	PPM	-1	0	32	1	235	3	124	2	1	1	-2	3	0	3	-31	5	1	5	-19	3	-2	1	6	1	-26	4	15	8	-1	1
1140049	PPM	-1	0	6	0	43	1	5	1	0	1	6	3	5	3	-38	4	-4	4	-28	3	-6	1	2	1	-49	4	-17	6	-2	1
1140050	PPM	-1	0	8	1	44	1	24	1	1	1	15	3	6	3	-37	5	-2	5	-22	4	-6	1	1	1	-48	4	-11	7	-1	1
1140051	PPM	1	0	48	1	341	4	263	4	-1	1	-3	3	-1	3	-7	6	-1	6	-5	4	2	1	11	1	-9	4	63	10	0	1
1140052	PPM	0	0	37	1	239	3	326	4	1	1	-2	3	-5	3	-5	6	3	6	-7	4	4	1	10	1	-17	4	25	9	0	1
1140053	PPM	0	0	51	1	277	4	253	3	-1	1	3	3	0	3	-23	5	-7	6	-11	4	3	1	15	1	-13	4	37	9	-1	1
1140054	PPM	1	0	54	1	327	4	133	2	1	1	-4	3	-7	3	-10	6	2	6	-4	4	1	1	9	1	-8	4	34	9	4	1
1140055	PPM	1	0	36	1	245	3	129	2	-1	1	2	3	-2	3	-14	5	-2	5	-7	3	-1	1	7	1	-9	4	12	8	3	1
1140056	PPM	1	0	46	1	335	4	226	3	2	1	-5	3	-2	3	0	6	-6	6	-3	4	3	1	10	1	-16	4	36	9	0	1
1140057	PPM	0	0	46	1	314	4	218	3	2	1	3	3	6	3	0	6	-8	6	-4	4	2	1	10	1	-12	4	35	9	-3	1
1140058	PPM	0	0	42	1	270	4	270	4	1	1	-8	3	-3	3	-12	6	-1	6	-1	4	3	1	10	1	-19	4	33	9	1	1
1140059	PPM	3	0	16	1	83	2	166	3	-2	1	9	3	6	3	-36	4	11	5	-24	3	-3	1	2	1	-57	4	67	9	3	2
1140060	PPM	0	0	44	1	351	4	225	3	2	1	-4	3	-2	3	7	6	-21	6	0	4	3	1	8	1	-6	4	17	9	2	1
1140061	PPM	0	0	43	1	345	4	231	3	0	1	-4	3	-3	3	-7	6	-10	6	-5	4	3	1	10	1	-9	4	37	9	1	1
1140062	PPM	-1	0	48	1	354	4	264	4	1	1	-2	3	-1	3	-4	6	-8	6	-7	4	3	1	11	1	-13	4	38	10	2	1
1140063	PPM	-1	0	7	0	36	1	6	1	0	1	5	3	9	2	-44	4	8	4	-21	3	-5	1	1	1	-44	3	-14	5	-3	1
1140064	PPM	-1	0	20	1	108	2	63	1	0	1	9	3	11	2	-27	4	9	4	-24	3	-3	1	3	1	-33	3	-13	6	-1	1
1140065	PPM	-1	0	8	0	42	1	8	1	0	1	13	3	10	3	-33	4	-7	4	-24	3	-5	1	3	1	-59	4	-11	6	-2	1
1140066	PPM	0	0	46	1	340	4	229	3	3	1	4	3	3	4	-14	6	1	6	-7	4	1	1	11	1	-14	4	37	10	-1	1
1140067	PPM	0	0	49	1	308	4	179	3	2	1	-2	3	-4	3	-2	6	12	6	-2	4	4	1	10	1	-16	4	43	9	1	1
1140068	PPM	0	0	47	1	301	4	307	4	0	1	1	3	1	3	5	6	1	6	-8	4	3	1	11	1	-4	4	57	10	1	1
1140069	PPM	0	0	45	1	335	4	205	3	1	1	-4	3	2	3	-6	6	-15	6	-6	4	2	1	11	1	-9	4	34	9	1	1
1140070	PPM	0	0	47	1	327	4	164	3	1	1	-2	3	-1	4	-10	6	-9	6	-10	4	1	1	12	1	-18	4	36	9	-2	1
1140071	PPM	0	0	43	1	300	4	249	3	0	1	-2	3	4	3	2	6	3	6	-9	4	2	1	9	1	-12	4	24	9	2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140072	PPM	0	0	48	1	330	4	287	4	0	1	0	3	1	3	4	6	4	6	-2	4	2	1	11	1	-4	4	46	10	0	1
1140073	PPM	0	0	46	1	274	4	274	4	-1	1	0	3	3	3	-11	5	-7	6	-8	4	1	1	10	1	-27	4	52	10	1	1
1140074	PPM	0	0	48	1	302	4	292	4	1	1	-1	3	-2	4	-9	6	-3	7	-6	4	1	1	10	1	-13	4	48	10	-1	1
1140075	PPM	0	0	46	1	264	4	357	5	1	1	-1	3	3	4	-12	6	-6	6	-7	4	2	1	12	1	-20	4	59	10	1	1
1140076	PPM	0	0	46	1	264	4	378	5	-2	1	0	3	1	3	-7	6	-3	6	-6	4	3	1	10	1	-14	4	43	10	0	1
1140077	PPM	1	0	46	1	312	4	311	4	2	1	-5	3	0	4	-11	6	-10	7	-10	4	1	1	11	1	-11	4	54	10	-1	1
1140078	PPM	0	0	42	1	299	4	233	3	0	1	0	3	0	3	-20	5	-1	6	-10	4	1	1	8	1	-13	4	37	9	1	1
1140079	PPM	0	0	41	1	325	4	138	2	-1	1	0	3	3	3	-21	5	-4	6	-11	4	4	1	9	1	-15	4	38	9	-2	1
1140080	PPM	-1	1	8	1	19	1	6	1	1	1	13	3	18	4	-43	6	21	6	-35	4	-5	1	33	2	-71	6	-26	8	-3	1
1140081	PPM	1	0	46	1	303	4	415	5	1	1	1	3	-1	4	-17	6	0	7	-11	4	3	1	11	1	-14	4	93	11	-1	1
1140082	PPM	0	0	41	1	288	4	271	3	0	1	-3	3	-1	3	-19	5	-8	6	-15	3	1	1	12	1	-6	4	38	9	-1	1
1140083	PPM	0	0	45	1	295	4	326	4	0	1	-6	3	2	3	-3	6	-5	6	-12	4	1	1	12	1	-11	4	43	10	0	1
1140084	PPM	0	0	47	1	263	3	336	4	0	1	-3	3	1	3	-3	5	-5	6	-5	4	3	1	11	1	-14	4	28	9	1	1
1140085	PPM	0	0	52	1	313	4	296	4	0	1	-4	3	3	3	-11	5	-8	6	-4	4	2	1	10	1	-18	4	47	10	-1	1
1140086	PPM	0	0	47	1	280	4	416	5	0	1	4	3	2	3	-7	6	2	6	-10	4	3	1	16	1	-16	4	34	10	3	1
1140087	PPM	0	0	48	1	285	4	335	4	0	1	-4	3	-3	3	-11	5	-10	6	-12	4	3	1	11	1	-11	4	49	9	-1	1
1140088	PPM	0	0	43	1	305	4	123	2	0	1	-2	3	-1	3	-2	6	-1	6	-2	4	1	1	9	1	-11	4	37	9	4	1
1140089	PPM	0	0	44	1	327	4	129	2	1	1	-1	3	7	3	-18	5	-8	6	-10	4	2	1	8	1	-24	4	37	9	1	1
1140090	PPM	0	0	42	1	340	4	172	3	1	1	0	3	-2	3	-11	6	-9	6	-2	4	2	1	8	1	-27	4	45	10	1	1
1140091	PPM	0	0	42	1	341	4	197	3	-1	1	-2	3	-1	3	-1	5	-11	6	2	4	2	1	11	1	-7	4	30	9	4	2
1140092	PPM	0	0	44	1	355	5	178	3	1	1	-6	3	-2	4	-13	6	6	6	-10	4	2	1	9	1	-12	4	50	10	2	2
1140093	PPM	1	0	41	1	347	5	145	3	1	1	-3	3	3	4	7	6	-9	7	-5	4	4	1	9	1	-10	4	27	9	3	2
1140094	PPM	0	0	49	1	363	5	198	3	1	1	-3	3	1	3	9	6	-7	6	3	4	4	1	9	1	-22	4	57	10	1	1
1140095	PPM	0	0	50	1	272	4	355	5	-1	1	-6	3	2	3	-1	6	1	6	-5	4	3	1	11	1	-9	4	32	9	-1	1
1140096	PPM	0	0	45	1	301	4	194	3	1	1	-1	3	0	3	-16	6	0	6	-5	4	2	1	10	1	-14	4	16	9	2	1
1140097	PPM	0	0	45	1	282	4	192	3	-1	1	0	3	3	3	2	5	4	6	-5	4	1	1	10	1	-6	4	19	8	-1	1
1140098	PPM	1	0	40	1	307	4	224	3	1	1	-5	3	-6	3	-7	6	-7	6	-8	4	1	1	9	1	-7	4	32	9	1	2
1140099	PPM	0	0	46	1	314	4	258	4	0	1	-2	3	3	4	-7	6	-5	6	-6	4	3	1	11	1	-20	4	43	10	0	1
1140100	PPM	0	0	45	1	297	4	267	4	0	1	-6	3	-5	3	-3	6	2	6	-3	4	2	1	11	1	-8	4	39	9	-1	1
1140101	PPM	0	0	40	1	315	4	204	3	2	1	1	3	7	4	3	6	-6	6	-3	4	2	1	10	1	-11	4	37	10	-1	1
1140102	PPM	0	0	35	1	223	3	170	2	0	1	-3	3	-1	3	-27	5	-11	5	-15	3	-2	1	10	1	-8	4	30	8	0	1
1140103	PPM	0	0	46	1	297	4	190	3	1	1	-3	3	-7	3	-6	5	5	6	-9	4	0	1	11	1	-7	4	18	8	0	1
1140104	PPM	0	0	51	1	316	4	224	3	2	1	-4	3	-5	3	-8	6	-12	6	-6	4	3	1	10	1	-19	4	42	9	-1	1
1140105	PPM	0	0	43	1	344	4	251	4	1	1	-7	3	-7	3	-13	6	0	6	-7	4	3	1	9	1	-16	4	50	10	0	1
1140106	PPM	-1	0	29	1	189	3	155	2	-1	1	4	3	10	3	-21	4	11	5	-13	3	-1	1	18	1	-22	4	-1	7	-2	1
1140107	PPM	0	0	41	1	323	4	164	3	1	1	-5	3	1	3	-1	5	-2	6	-7	4	2	1	11	1	-19	4	22	9	-1	1
1140108	PPM	1	0	45	1	332	4	111	2	0	1	-2	3	-3	3	-3	6	-8	6	-3	4	2	1	10	1	-15	4	24	9	0	1
1140109	PPM	0	0	48	1	345	4	157	2	1	1	-1	3	0	3	-14	5	-9	6	-3	4	0	1	11	1	-3	4	38	9	0	1
1140110	PPM	0	0	46	1	324	4	216	3	-1	1	-5	3	4	4	-2	6	-15	6	-4	4	1	1	10	1	-18	4	59	10	0	1
1140111	PPM	-1	0	46	1	351	5	206	3	0	1	-5	3	-9	3	-5	6	-13	6	-5	4	4	1	11	1	-24	4	33	10	0	2
1140112	PPM	0	0	44	1	371	5	144	3	0	1	-4	3	-1	4	-10	6	-9	6	-9	4	3	1	9	1	-15	4	28	9	1	1
1140113	PPM	0	0	45	1	341	4	196	3	0	1	-7	3	-6	3	-4	6	-4	6	-5	4	2	1	10	1	-10	4	49	10	-3	1
1140114	PPM	0	0	44	1	338	4	144	2	1	1	-3	3	-1	3	2	6	-3	6	-3	4	2	1	9	1	-10	4	29	9	-2	2
1140201	PPM	0	0	43	1	339	5	236	4	0	1	-2	3	-6	4	3	6	-4	7	-6	4	1	1	9	1	-5	4	44	10	0	1
1140202	PPM	0	0	45	1	218	3	365	5	0	1	4	3	5	3	-18	5	-1	6	-11	4	2	1	14	1	-21	4	48	9	2	1
1140203	PPM	0	0	49	1	304	4	346	5	1	1	4	3	1	3	-13	5	-4	6	-6	4	1	1	14	1	-20	4	16	9	0	1
1140204	PPM	0	0	46	1	305	4	340	5	2	1	-6	3	-5	3	-4	6	8	6	-8	4	4	1	15	1	-16	4	56	10	-1	1
1140205	PPM	0	0	48	1	290	4	356	5	-1	1	-1	3	2	3	-19	5	0	6	-14	4	3	1	11	1	-38	4	43	10	1	1
1140206	PPM	0	0	47	1	311	4	333	4	1	1	0	3	-2	3	-4	5	-8	6	-5	4	2	1	14	1	-11	4	58	10	-2	1
1140207	PPM	0	0	46	1	305	4	306	4	1	1	-3	3	1	3	-2	6	-10	6	8	4	0	1	10	1	-6	4	40	10	0	1
1140208	PPM	0	0	55	1	296	4	405	5	0	1	-6	3	2	3	-7	5	-8	6	-4	4	3	1	14	1	-20	4	37	9	-1	1
1140209	PPM	0	0	47	1	342	4	225	3	1	1	0	3	-1	3	-11	6	-31	6	-2	4	1	1	10	1	-16	4	47	10	-1	1
1140210	PPM	0	0	42	1	292	4	232	3	2	1	-4	3	3	4	-5	6	-13	7	2	4	1	1	13	1	-20	4	49	10	-1	1
1140211	PPM	0	0	47	1	293	4	335	4	0	1	-5	3	0	4	-1	6	-4	6	-9	4	1	1	15	1	-16	4	50	10	0	1
1140212	PPM	0	0	45	1	330	4	285	4	1	1	-5	3	-1	3	-13	6	-3	6	-10	4	2	1	8	1	-19	4	33	10	2	1
1140213	PPM	2	0	25	1	141	2	80	2	1	1	9	3	3	3	-41	5	2	5	-25	4	0	1	8	1	-49	4	14	8	6	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140214	PPM	0	0	43	1	277	4	272	4	-1	1	-3	3	1	3	-5	5	2	6	-4	4	2	1	9	1	0	4	41	9	2	1
1140215	PPM	-1	0	40	1	270	3	275	4	-1	1	-4	3	3	3	-7	5	-7	6	1	4	2	1	10	1	-14	4	26	9	-1	1
1140216	PPM	0	0	45	1	335	4	168	3	1	1	-3	3	-3	3	7	6	-2	6	-4	4	4	1	9	1	-5	4	23	9	0	1
1140217	PPM	-1	0	15	0	115	2	46	1	-1	1	2	3	7	3	-30	4	5	5	-20	3	-4	1	1	1	-46	4	-5	6	0	1
1140218	PPM	-1	0	28	1	188	3	148	2	0	1	8	3	3	3	-34	4	7	5	-23	3	-2	1	12	1	-25	4	12	7	-2	1
1140219	PPM	0	0	44	1	334	4	178	3	2	1	-3	3	1	3	-2	6	3	6	2	4	2	1	10	1	-9	4	37	9	-3	1
1140220	PPM	0	0	15	0	85	1	37	1	0	1	8	3	7	3	-30	4	18	4	-22	3	-3	1	10	1	-46	4	2	6	1	2
1140221	PPM	1	0	45	1	342	4	247	3	-1	1	1	3	0	3	0	6	-10	6	-5	4	4	1	10	1	-3	4	36	9	4	1
1140222	PPM	0	0	42	1	323	4	299	4	1	1	1	3	2	3	-1	6	1	6	-11	4	2	1	8	1	-17	4	29	9	2	1
1140223	PPM	0	0	45	1	328	4	217	3	1	1	1	3	2	3	-9	5	2	6	-5	4	1	1	10	1	1	4	37	9	1	1
1140224	PPM	0	0	43	1	349	4	185	3	1	1	3	3	-3	3	1	6	-15	6	-3	4	2	1	9	1	-3	4	21	9	1	1
1140225	PPM	0	0	43	1	315	4	187	3	1	1	-3	3	-3	3	-2	6	-3	6	-8	4	3	1	11	1	-4	4	19	9	-2	1
1140226	PPM	0	0	39	1	292	4	255	3	1	1	0	3	2	3	-9	5	-12	6	-6	4	2	1	11	1	-12	4	61	9	-1	1
1140227	PPM	0	0	41	1	307	4	222	3	0	1	-6	3	-5	3	-10	5	7	6	-6	4	2	1	10	1	-13	4	37	9	2	1
1140228	PPM	0	0	42	1	268	4	270	4	0	1	-3	3	0	3	-6	6	0	6	-11	4	3	1	9	1	-12	4	14	9	-2	1
1140229	PPM	0	0	39	1	250	4	358	5	0	1	-1	3	1	4	1	6	-11	7	-5	4	1	1	13	1	-23	4	47	10	2	1
1140230	PPM	1	0	35	1	224	3	335	4	2	1	-4	3	3	3	-12	6	-1	6	-11	4	2	1	14	1	-9	4	19	9	1	1
1140231	PPM	1	0	44	1	285	4	352	5	0	1	0	3	0	3	4	6	-10	6	-2	4	2	1	11	1	-12	4	41	10	2	1
1140232	PPM	0	0	48	1	295	4	296	4	0	1	0	3	-2	3	-7	6	-5	6	-1	4	4	1	12	1	-9	4	29	9	1	1
1140233	PPM	0	0	48	1	338	4	240	3	0	1	-2	3	3	3	-4	6	0	6	1	4	3	1	12	1	-5	4	35	9	-1	1
1140234	PPM	-1	0	7	0	36	1	12	1	-1	0	14	3	14	2	-38	3	6	4	-32	3	-4	1	11	1	-57	3	-11	5	-2	1
1140235	PPM	0	0	43	1	274	4	173	3	0	1	-1	3	-2	3	-10	5	-6	6	-7	4	3	1	10	1	-16	4	24	8	3	1
1140236	PPM	0	0	46	1	293	4	204	3	1	1	2	3	2	3	8	6	1	6	-6	4	3	1	9	1	-6	4	33	9	0	1
1140237	PPM	0	0	43	1	323	4	165	3	-1	1	-5	3	-3	3	1	5	-6	6	-8	4	2	1	9	1	2	4	26	9	1	1
1140238	PPM	-1	0	6	0	58	1	6	1	-1	1	10	3	9	3	-40	4	1	4	-26	3	-6	1	2	1	-57	4	-18	6	-2	1
1140239	PPM	0	0	47	1	275	4	313	4	1	1	1	3	1	3	2	6	-8	6	-10	4	4	1	11	1	-12	4	43	9	0	1
1140240	PPM	0	0	45	1	312	4	305	4	-1	1	-1	3	2	3	5	6	3	6	2	4	1	1	11	1	-12	4	37	10	1	1
1140241	PPM	0	0	45	1	307	4	267	4	-1	1	1	3	-1	3	-1	6	-12	6	-8	4	2	1	13	1	-11	4	41	10	3	1
1140242	PPM	0	0	45	1	289	4	298	4	1	1	-1	3	-1	3	-3	6	4	6	-8	4	3	1	13	1	-15	4	32	9	-1	1
1140243	PPM	1	0	47	1	325	4	262	4	2	1	0	3	3	3	-6	6	8	6	-7	4	2	1	11	1	-12	4	47	10	1	1
1140244	PPM	0	0	27	1	234	3	127	2	-1	1	1	3	2	3	-23	5	-9	5	-21	3	0	1	9	1	-1	4	18	8	-2	1
1140245	PPM	0	0	36	1	247	3	149	2	-1	1	5	3	6	3	-20	5	11	5	-20	3	0	1	7	1	-14	4	16	8	-1	1
1140246	PPM	-1	0	11	0	62	1	22	1	0	1	5	3	9	3	-36	4	0	4	-24	3	-4	1	8	1	-43	4	-9	6	-3	1
1140247	PPM	0	0	40	1	277	4	235	3	-1	1	-2	3	0	3	-21	5	2	6	-5	4	0	1	8	1	-20	4	43	9	0	1
1140248	PPM	0	0	47	1	331	4	314	4	1	1	3	3	0	3	-9	6	-6	6	-6	4	3	1	11	1	-16	4	50	10	-2	1
1140249	PPM	0	0	47	1	278	4	369	5	2	1	-3	3	3	3	-9	6	-1	6	-7	4	3	1	12	1	-16	4	39	9	0	1
1140250	PPM	0	0	46	1	309	4	334	4	1	1	-5	3	2	3	-1	6	-13	6	-7	4	1	1	15	1	-5	4	50	10	1	2
1140251	PPM	1	0	48	1	331	4	318	4	0	1	-1	3	1	4	2	6	1	6	-6	4	3	1	14	1	-14	4	65	10	1	1
1140252	PPM	0	0	51	1	300	4	312	4	0	1	-1	3	-2	3	1	6	-8	6	-9	4	2	1	12	1	-22	4	41	9	5	1
1140253	PPM	0	0	45	1	304	4	261	4	0	1	1	3	1	4	1	6	-1	7	-11	4	3	1	12	1	-14	4	32	9	1	1
1140254	PPM	0	0	48	1	340	4	247	3	0	1	-3	3	2	3	6	6	2	6	-1	4	1	1	11	1	-15	4	43	10	-1	2
1140255	PPM	1	0	44	1	356	5	105	2	0	1	0	3	1	4	-7	6	-11	7	-6	4	2	1	8	1	-13	4	21	9	2	1
1140256	PPM	0	0	42	1	328	4	143	2	0	1	-3	3	-2	4	-8	6	-6	7	-6	4	2	1	7	1	-15	4	21	9	1	1
1140257	PPM	0	0	43	1	312	4	173	3	0	1	-2	3	-6	3	-11	5	-14	6	-7	4	2	1	9	1	-5	4	32	9	0	1
1140258	PPM	0	0	44	1	313	4	157	2	1	1	-4	3	-3	3	2	6	-6	6	-1	4	3	1	10	1	-1	4	35	9	-1	1
1140259	PPM	0	0	45	1	318	4	282	4	2	1	-4	3	-1	4	0	6	-7	6	-5	4	3	1	14	1	-13	4	31	10	-1	1
1140260	PPM	0	0	46	1	291	4	314	4	2	1	-6	3	-3	4	2	6	-9	7	-4	4	2	1	13	1	-15	4	20	9	1	1
1140261	PPM	0	0	39	1	299	4	173	3	1	1	2	3	2	3	-6	6	-14	6	-8	4	2	1	10	1	-9	4	27	9	0	1
1140262	PPM	1	0	49	1	279	4	436	5	0	1	-1	3	-3	3	-5	6	-8	6	-8	4	3	1	11	1	-17	4	50	10	1	1
1140263	PPM	0	0	45	1	242	3	353	5	0	1	-4	3	-3	3	-7	6	11	6	-6	4	2	1	10	1	-27	4	32	9	2	1
1140264	PPM	1	0	48	1	283	4	363	5	1	1	-1	3	0	3	5	6	-2	6	-2	4	2	1	13	1	-12	4	33	9	0	1
1140265	PPM	0	0	42	1	288	4	244	3	-1	1	-5	3	0	3	4	5	0	6	-2	4	1	1	9	1	-15	4	32	9	3	1
1140266	PPM	0	0	44	1	287	4	328	4	0	1	-7	3	-7	4	-15	6	-5	6	-9	4	3	1	11	1	-19	4	46	10	1	1
1140267	PPM	0	0	49	1	294	4	368	5	0	1	-4	3	-1	3	-2	6	-8	6	-5	4	2	1	11	1	-2	4	38	10	1	1
1140268	PPM	1	0	45	1	258	4	312	4	1	1	0	3	5	4	-3	6	-17	7	-5	4	3	1	14	1	-15	4	51	10	0	1
1140269	PPM	0	0	43	1	253	4	318	4	2	1	2	3	0	4	4	6	6	6	-3	4	1	1	11	1	-18	4	49	10	0	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140270	PPM	0	0	44	1	263	4	195	3	0	1	1	3	-4	3	3	6	-3	6	-11	4	1	1	11	1	-2	4	38	9	0	1
1140271	PPM	0	0	45	1	294	4	333	4	-1	1	-5	3	-6	3	-7	6	-2	6	2	4	2	1	12	1	-5	4	43	9	-1	2
1140272	PPM	0	0	44	1	343	5	134	2	2	1	-6	3	-5	4	8	6	-8	7	1	4	1	1	10	1	-19	4	23	9	1	1
1140273	PPM	0	0	45	1	334	4	239	3	-1	1	-3	3	4	3	-5	6	-3	6	-4	4	2	1	10	1	-8	4	49	10	1	1
1140274	PPM	0	0	46	1	298	4	253	4	1	1	-2	3	0	4	4	6	2	7	4	4	2	1	12	1	-5	4	23	9	1	1
1140275	PPM	0	0	46	1	299	4	232	3	1	1	-1	3	-3	3	3	6	-5	6	4	4	4	1	13	1	-12	4	39	9	2	1
1140276	PPM	0	0	47	1	345	4	188	3	2	1	3	3	3	4	-1	6	3	7	1	4	1	1	10	1	-19	4	33	10	-2	2
1140277	PPM	0	0	45	1	335	5	143	3	2	1	-8	3	-3	4	2	6	-7	7	-6	4	3	1	10	1	-23	4	42	10	0	1
1140278	PPM	0	0	41	1	318	4	156	3	0	1	-4	3	2	3	-7	6	-4	6	-5	4	1	1	9	1	-5	4	29	9	1	2
1140279	PPM	0	0	44	1	330	4	248	4	1	1	1	3	1	4	-2	6	6	7	-1	4	1	1	11	1	-15	4	60	10	0	1
1140280	PPM	1	0	37	1	245	4	187	3	-1	1	2	3	9	3	-28	5	6	6	-25	4	3	1	12	1	-43	4	15	9	-1	1
1140301	PPM	1	0	43	1	281	4	351	5	1	1	-5	3	-4	3	1	6	-9	6	-9	4	3	1	12	1	-8	4	50	10	1	1
1140302	PPM	-1	0	42	1	263	4	392	5	1	1	-2	3	-5	3	-11	6	-9	6	-8	4	2	1	10	1	-18	4	51	10	0	1
1140303	PPM	0	0	46	1	279	4	346	4	2	1	-4	3	-4	3	-11	6	-7	6	-7	4	3	1	12	1	-12	4	42	10	-1	1
1140304	PPM	0	0	45	1	330	4	130	2	1	1	-1	3	-2	3	-3	6	-11	6	2	4	1	1	9	1	-13	4	12	9	0	1
1140305	PPM	0	0	43	1	292	4	279	4	1	1	-4	3	0	4	-2	6	-20	7	-9	4	3	1	12	1	-7	4	49	10	0	1
1140306	PPM	0	0	44	1	263	4	446	6	0	1	1	3	6	3	-6	5	5	6	-12	4	2	1	14	1	-22	4	43	10	-2	1
1140307	PPM	0	0	42	1	225	3	431	5	0	1	-4	3	4	3	-18	5	6	6	-8	4	3	1	10	1	-14	4	41	9	0	1
1140308	PPM	0	0	45	1	295	4	425	5	0	1	-1	3	-2	3	-8	5	-1	6	-14	4	3	1	10	1	-20	4	57	10	-2	1
1140309	PPM	0	0	49	1	286	4	317	4	0	1	0	3	-7	3	-9	6	-16	6	-2	4	2	1	11	1	-20	4	47	10	-2	1
1140310	PPM	1	0	47	1	293	4	309	4	2	1	-1	3	-1	3	-6	6	-11	6	-7	4	1	1	11	1	-15	4	35	9	2	1
1140311	PPM	0	0	44	1	285	4	332	4	2	1	-4	3	-1	4	-9	6	-7	7	-8	4	1	1	11	1	-18	4	43	10	0	1
1140312	PPM	0	0	42	1	323	4	133	2	1	1	0	3	0	3	-1	6	-1	6	-4	4	1	1	9	1	5	4	43	9	-2	1
1140313	PPM	0	0	43	1	252	4	305	4	0	1	-7	3	-1	4	-7	6	-17	6	-5	4	1	1	14	1	-18	4	36	9	0	1
1140314	PPM	0	0	45	1	272	4	393	5	0	1	2	3	3	3	-24	6	0	6	-8	4	3	1	12	1	-12	4	56	10	2	1
1140315	PPM	1	0	44	1	281	4	306	4	0	1	-4	3	3	4	-7	6	-4	7	1	4	0	1	10	1	-11	4	39	10	0	1
1140316	PPM	0	0	45	1	292	4	294	4	-1	1	2	3	-2	3	-12	5	-7	6	-7	4	4	1	11	1	-13	4	23	9	0	1
1140317	PPM	1	0	44	1	317	4	260	3	-1	1	1	3	0	3	-8	5	1	6	1	4	1	1	10	1	-9	4	37	9	-2	1
1140318	PPM	1	0	48	1	301	4	332	4	0	1	-7	3	-6	3	-10	6	-12	6	-12	4	3	1	12	1	-11	4	46	10	1	1
1140319	PPM	-1	0	48	1	265	3	343	4	1	1	-6	3	-2	3	-7	6	-3	6	-6	4	2	1	12	1	-15	4	15	9	0	1
1140320	PPM	0	0	48	1	281	4	346	5	0	1	-4	3	-1	3	-8	6	-11	6	-5	4	3	1	12	1	-14	4	43	10	-3	1
1140321	PPM	0	0	39	1	302	4	216	3	1	1	1	3	-6	3	-4	6	-14	6	-3	4	2	1	12	1	-6	4	33	9	0	1
1140322	PPM	0	0	47	1	318	4	337	4	1	1	-6	3	0	3	-1	6	-1	6	-1	4	0	1	11	1	-11	4	31	10	2	1
1140323	PPM	-1	0	7	0	52	1	9	1	-1	1	10	3	9	3	-35	4	10	4	-28	3	-5	1	6	1	-50	4	-13	6	-2	1
1140324	PPM	1	0	45	1	316	4	259	4	0	1	-4	3	8	4	-10	6	-10	7	0	4	3	1	12	1	-12	4	35	10	0	1
1140325	PPM	1	0	44	1	329	4	268	4	0	1	-6	3	-6	3	-3	6	-1	6	-3	4	2	1	10	1	-7	4	35	9	1	1
1140326	PPM	0	0	45	1	290	4	333	4	0	1	-8	3	-3	4	-2	6	-5	7	-8	4	4	1	13	1	-22	4	40	10	1	1
1140327	PPM	0	0	43	1	290	4	373	5	1	1	-1	3	4	3	-2	6	-1	6	-4	4	3	1	11	1	-10	4	58	10	1	1
1140328	PPM	0	0	43	1	296	4	369	5	0	1	-2	3	1	3	-5	5	6	6	-6	4	2	1	11	1	-4	4	45	10	1	1
1140329	PPM	0	0	38	1	213	3	392	5	1	1	-2	3	3	3	-17	5	-3	6	-11	4	2	1	22	1	-14	4	43	9	1	1
1140330	PPM	0	0	44	1	306	4	329	4	0	1	-5	3	-1	3	2	6	2	6	-9	4	0	1	11	1	-6	4	46	10	0	1
1140331	PPM	0	0	44	1	309	4	304	4	1	1	-1	3	2	3	-17	5	-10	6	-6	4	0	1	11	1	-11	4	28	9	3	1
1140332	PPM	0	0	5	0	62	1	4	1	0	1	11	3	12	3	-35	4	9	4	-28	3	-5	1	-1	1	-48	4	-19	6	-1	1
1140333	PPM	1	0	46	1	307	4	325	4	0	1	0	3	3	3	-4	5	-6	6	-10	4	1	1	10	1	-13	4	23	9	2	1
1140334	PPM	1	0	48	1	326	4	298	4	0	1	5	3	0	4	2	6	-7	7	-3	4	3	1	10	1	-20	4	64	10	0	1
1140335	PPM	0	0	45	1	278	4	301	4	2	1	-5	3	1	3	-1	6	-3	6	-6	4	2	1	10	1	-10	4	47	9	-1	1
1140336	PPM	0	0	48	1	332	4	385	5	0	1	-3	3	-6	3	-22	6	1	6	-8	4	3	1	14	1	-11	4	43	10	2	1
1140337	PPM	0	0	43	1	293	4	302	4	1	1	-2	3	5	3	-3	6	0	6	-8	4	2	1	11	1	-7	4	35	9	2	1
1140338	PPM	0	0	45	1	309	4	376	5	1	1	-5	3	-2	3	1	6	1	6	-1	4	3	1	11	1	-11	4	42	10	0	1
1140339	PPM	0	0	36	1	246	3	240	3	1	1	4	3	3	3	-17	5	4	6	-22	3	1	1	18	1	-27	4	18	8	1	1
1140340	PPM	0	0	46	1	343	4	337	4	1	1	2	3	-2	4	4	6	-1	7	-9	4	3	1	11	1	-22	4	54	10	-1	1
1140341	PPM	0	0	43	1	304	4	423	5	1	1	-7	3	-6	3	-18	6	5	6	0	4	2	1	13	1	-12	4	40	10	0	1
1140342	PPM	0	0	5	0	34	1	6	1	1	1	10	3	7	3	-37	4	5	4	-25	3	-6	1	2	1	-44	3	-15	5	-3	1
1140343	PPM	0	0	29	1	197	3	273	4	0	1	-2	3	-1	3	-16	5	9	6	-15	4	0	1	18	1	-20	4	23	9	1	1
1140344	PPM	0	0	34	1	230	3	218	3	-1	1	4	3	4	3	-26	5	13	5	-19	3	0	1	13	1	-16	4	36	8	0	1
1140345	PPM	0	0	40	1	248	3	452	6	0	1	-1	3	-4	3	-10	6	3	6	-4	4	1	1	16	1	-17	4	43	10	2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140346	PPM	0	0	41	1	274	4	404	5	1	1	-3	3	-1	3	-20	6	-15	6	-3	4	3	1	10	1	-11	4	49	10	1	1
1140347	PPM	1	0	42	1	268	4	410	5	1	1	-1	3	-6	3	-2	6	-9	6	-12	4	2	1	11	1	-14	4	56	10	-1	1
1140348	PPM	0	0	42	1	320	4	364	5	3	1	-1	3	-4	3	-10	5	-11	6	-8	4	3	1	10	1	-4	4	46	10	-1	1
1140349	PPM	-1	0	47	1	310	4	340	4	1	1	1	3	4	3	0	6	-5	6	-4	4	1	1	11	1	-21	4	62	10	-2	1
1140350	PPM	0	0	43	1	292	4	287	4	1	1	0	3	1	3	-13	5	-10	6	-6	4	1	1	10	1	-9	4	34	9	-1	1
1140351	PPM	0	0	39	1	245	3	266	4	0	1	-2	3	0	3	-12	5	-7	6	-5	4	2	1	12	1	-10	4	24	9	-1	1
1140352	PPM	0	0	40	1	281	4	386	5	0	1	0	3	-2	3	-8	5	-4	6	-3	4	2	1	10	1	-9	4	43	9	-1	2
1140353	PPM	0	0	47	1	342	4	331	4	1	1	5	3	6	4	2	6	-10	7	-2	4	2	1	9	1	-14	4	60	10	2	1
1140354	PPM	0	0	47	1	313	4	351	5	1	1	-4	3	-2	4	7	6	0	7	1	4	1	1	9	1	-15	4	38	10	1	2
1140355	PPM	0	0	47	1	342	5	328	5	3	1	1	3	2	4	12	6	-2	7	4	4	2	1	11	1	-32	4	43	10	0	1
1140356	PPM	1	0	40	1	284	4	354	5	0	1	-8	3	-2	3	-2	6	-5	6	-9	4	4	1	11	1	-11	4	35	9	1	1
1140357	PPM	-1	0	6	0	44	1	8	1	0	0	4	3	7	2	-35	4	13	4	-26	3	-4	1	-1	1	-46	3	-15	5	-2	2
1140358	PPM	0	0	45	1	330	4	334	5	0	1	-5	3	-7	4	-13	6	-8	7	-3	4	3	1	11	1	-14	4	38	10	1	1
1140359	PPM	0	0	44	1	299	4	367	5	1	1	0	3	-2	3	-7	6	-10	6	-9	4	3	1	15	1	-13	4	50	10	0	1
1140360	PPM	0	0	41	1	304	4	307	4	0	1	-4	3	-7	3	-11	6	-11	6	-4	4	2	1	10	1	-14	4	51	10	-1	1
1140361	PPM	0	0	48	1	346	4	298	4	1	1	-2	3	-4	4	5	6	-4	7	0	4	2	1	9	1	-16	4	44	10	-4	1
1140362	PPM	0	0	45	1	328	4	259	4	0	1	-4	3	-8	3	9	6	-1	6	-8	4	3	1	11	1	-6	4	31	9	0	1
1140363	PPM	1	0	40	1	272	4	361	5	1	1	0	3	-1	3	-8	6	-4	6	-5	4	3	1	13	1	-10	4	49	10	1	1
1140364	PPM	1	0	42	1	284	4	282	4	1	1	-5	3	-3	3	-9	6	-6	6	-8	4	1	1	10	1	-17	4	51	10	2	1
1140365	PPM	0	0	43	1	268	4	432	5	2	1	-5	3	-4	3	1	6	-2	6	-8	4	3	1	13	1	-10	4	50	10	0	1
1140366	PPM	0	0	44	1	310	4	289	4	1	1	4	3	0	4	-4	6	-8	6	0	4	2	1	12	1	-16	4	40	10	-1	2
1140367	PPM	0	0	49	1	336	4	303	4	0	1	-4	3	3	4	2	6	-8	7	3	4	2	1	11	1	-6	4	60	10	0	1
1140368	PPM	0	0	37	1	215	3	304	4	-1	1	3	3	-5	3	-16	5	-4	6	-11	4	3	1	25	1	-24	4	38	9	0	1
1140369	PPM	0	0	48	1	303	4	361	4	0	1	-2	3	-3	3	-6	5	-2	6	-14	4	2	1	12	1	-9	4	48	9	-1	1
1140370	PPM	0	0	44	1	315	4	302	4	1	1	-3	3	-5	3	-4	6	7	6	2	4	2	1	10	1	-14	4	57	10	-1	1
1140371	PPM	0	0	6	0	44	1	4	1	0	1	8	3	10	3	-37	4	0	4	-20	3	-5	1	6	1	-30	3	-25	5	-2	1
1140372	PPM	0	0	44	1	311	4	337	4	1	1	-4	3	-1	3	0	6	-3	6	-3	4	0	1	10	1	-8	4	59	10	0	1
1140373	PPM	0	0	46	1	287	4	343	4	0	1	3	3	-2	3	-17	6	-2	6	-8	4	3	1	10	1	-11	4	45	10	1	1
1140374	PPM	0	0	52	1	306	4	333	4	0	1	-3	3	1	3	-2	6	-4	6	5	4	2	1	11	1	-20	4	52	10	-1	1
1140375	PPM	2	0	6	0	66	1	8	1	1	1	7	3	9	3	-33	4	4	4	-20	3	-4	1	-1	1	-47	3	-15	5	0	1
1140376	PPM	-1	0	7	0	51	1	6	1	1	1	11	3	14	3	-37	4	-7	4	-30	3	-5	1	1	1	-65	4	-8	6	-2	1
1140377	PPM	0	0	48	1	321	4	357	5	-1	1	-2	3	7	3	-3	6	1	6	-4	4	2	1	10	1	-11	4	21	9	3	1
1140378	PPM	0	0	48	1	340	4	304	4	0	1	-4	3	0	3	-5	6	-5	6	-3	4	2	1	12	1	-16	4	41	10	0	1
1140379	PPM	-1	0	6	0	79	1	3	1	3	1	12	3	12	3	-39	4	-5	4	-28	3	-5	1	2	1	-56	4	-14	6	-3	1
1140380	PPM	0	0	40	1	274	4	266	4	1	1	-6	3	-1	3	-3	6	3	6	-6	4	2	1	13	1	-11	4	51	10	1	1
1140381	PPM	0	0	47	1	291	4	360	5	0	1	-2	3	-7	3	-10	6	2	6	-5	4	0	1	11	1	-11	4	42	10	-2	1
1140382	PPM	1	0	43	1	285	4	370	5	1	1	2	3	2	4	6	6	0	7	-3	4	2	1	10	1	-11	4	39	10	1	1
1140383	PPM	0	0	28	1	175	2	118	2	-1	1	4	3	3	3	-28	4	-5	5	-19	3	-2	1	15	1	-30	4	3	7	-1	1
1140384	PPM	-1	0	6	0	49	1	3	1	1	1	10	3	4	3	-32	4	11	4	-28	3	-5	1	2	1	-58	4	-22	6	-3	1
1140385	PPM	-1	0	8	0	53	1	12	1	0	1	8	3	12	3	-36	4	7	4	-23	3	-4	1	14	1	-51	4	-19	5	-3	1
1140401	PPM	1	0	45	1	331	4	126	2	2	1	-2	3	2	3	-6	6	6	6	-5	4	2	1	9	1	-11	4	31	9	1	1
1140402	PPM	0	0	45	1	350	4	84	2	1	1	-1	3	-2	3	-4	6	-7	6	-5	4	3	1	9	1	-11	4	45	9	-1	1
1140403	PPM	0	0	44	1	314	4	177	3	0	1	0	3	-2	3	-16	5	-21	6	-1	4	2	1	12	1	-11	4	27	9	3	1
1140404	PPM	0	0	46	1	329	4	309	4	1	1	1	3	-8	3	2	6	-7	6	-8	4	5	1	11	1	-10	4	37	10	-1	1
1140405	PPM	0	0	51	1	282	4	383	5	-2	1	-3	3	-4	3	-10	6	-13	6	-4	4	2	1	10	1	-15	4	32	10	3	1
1140406	PPM	0	0	45	1	283	4	360	4	-1	1	-2	3	-4	3	-5	5	-8	6	-6	4	2	1	13	1	-9	4	37	9	-1	1
1140407	PPM	-1	0	44	1	349	4	131	2	3	1	0	3	-1	3	-4	6	-3	6	-3	4	2	1	8	1	-7	4	22	9	-1	1
1140408	PPM	0	0	47	1	315	4	345	4	1	1	1	3	2	3	-6	6	7	6	-9	4	2	1	12	1	-14	4	41	10	2	1
1140409	PPM	1	0	43	1	293	4	351	4	0	1	-6	3	-4	3	-12	6	-1	6	-9	4	3	1	10	1	-14	4	36	9	1	1
1140410	PPM	0	0	48	1	303	4	354	4	0	1	3	3	6	3	1	5	-2	6	0	4	1	1	13	1	-5	4	48	9	0	1
1140411	PPM	1	0	46	1	320	4	289	4	2	1	-1	3	-2	3	-2	6	-7	6	-8	4	3	1	13	1	-11	4	49	10	1	1
1140412	PPM	0	0	47	1	285	4	350	4	1	1	-4	3	-6	3	-10	6	-5	6	1	4	3	1	12	1	-15	4	44	9	-1	1
1140413	PPM	0	0	46	1	311	4	349	4	2	1	-1	3	-8	3	-4	6	-8	6	-1	4	3	1	9	1	-12	4	39	10	0	1
1140414	PPM	0	0	46	1	314	4	343	4	0	1	-3	3	-6	3	-7	6	3	6	0	4	2	1	10	1	-11	4	35	9	0	1
1140415	PPM	0	0	47	1	324	4	402	5	0	1	-3	3	0	3	2	6	-13	6	-3	4	2	1	10	1	-3	4	40	10	1	1
1140416	PPM	1	0	44	1	315	4	348	4	1	1	-3	3	0	3	-14	6	-6	6	-11	4	2	1	12	1	-6	4	37	9	0	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140417	PPM	0	0	54	1	307	4	366	5	0	1	2	3	0	3	-1	6	-5	6	-4	4	1	1	9	1	-13	4	42	10	-1	1
1140418	PPM	0	0	48	1	281	4	329	4	0	1	-1	3	-6	3	4	6	6	6	-4	4	3	1	12	1	-11	4	51	10	2	2
1140419	PPM	0	0	46	1	309	4	383	5	-1	1	-5	3	-4	3	7	6	-1	6	2	4	0	1	12	1	-8	4	38	10	4	1
1140420	PPM	0	0	46	1	281	4	332	4	0	1	0	3	4	3	-10	6	3	6	-1	4	2	1	10	1	-12	4	42	9	-2	1
1140421	PPM	0	0	43	1	261	4	318	4	-1	1	-6	3	-2	3	-11	6	0	6	1	4	2	1	11	1	-6	4	42	9	0	1
1140422	PPM	0	0	48	1	274	4	311	4	0	1	2	3	4	3	-11	6	-8	6	-4	4	5	1	12	1	-15	4	27	9	-1	1
1140423	PPM	0	0	49	1	278	4	346	5	3	1	1	3	-4	3	-8	6	-14	6	-15	4	2	1	13	1	-13	4	50	10	0	1
1140424	PPM	0	0	38	1	327	4	141	2	1	1	-1	3	-6	3	-8	6	6	6	-4	4	1	1	9	1	-10	4	53	10	0	1
1140425	PPM	-2	0	7	0	72	1	8	1	-1	0	9	3	11	2	-42	4	2	4	-28	3	-5	1	12	1	-59	3	-17	5	-3	1
1140426	PPM	-1	0	21	1	145	2	37	1	0	1	7	3	4	3	-34	4	3	4	-32	3	-3	1	10	1	-39	3	-8	6	0	1
1140427	PPM	-1	0	9	0	58	1	19	1	-1	0	7	3	8	2	-30	4	4	4	-25	3	-5	1	8	1	-47	3	-19	5	-2	1
1140428	PPM	-1	0	44	1	339	4	281	4	1	1	-9	3	-2	3	-7	6	0	6	-2	4	2	1	11	1	-10	4	48	10	0	1
1140429	PPM	0	0	21	1	151	2	139	2	-1	1	4	3	5	3	-34	4	-6	5	-28	3	0	1	22	1	-28	4	13	7	1	1
1140430	PPM	0	0	42	1	316	4	277	4	0	1	-3	3	4	3	-3	6	-7	6	-10	4	2	1	10	1	-6	4	53	10	-1	1
1140431	PPM	0	0	41	1	350	4	280	4	1	1	3	3	4	3	10	6	-10	6	-1	4	3	1	9	1	-9	4	15	9	-2	1
1140432	PPM	0	0	38	1	240	3	234	3	0	1	5	3	2	3	-13	5	7	6	-18	3	1	1	19	1	-13	4	38	9	2	1
1140433	PPM	0	0	42	1	332	4	299	4	0	1	-3	3	-2	3	-4	6	-2	6	-7	4	2	1	8	1	-8	4	41	10	0	1
1140434	PPM	0	0	15	0	80	1	53	1	0	1	11	3	6	2	-35	4	3	4	-29	3	-3	1	44	1	-44	3	-10	6	-2	1
1140435	PPM	1	0	40	1	308	4	140	2	1	1	-1	3	0	3	-2	5	1	6	-5	4	0	1	10	1	-8	4	22	9	-2	1
1140436	PPM	0	0	45	1	286	4	317	4	0	1	0	3	2	3	-7	6	4	6	-6	4	1	1	14	1	-9	4	46	9	0	1
1140437	PPM	1	0	50	1	295	4	409	5	1	1	-1	3	-3	3	-6	6	-9	6	-10	4	2	1	10	1	-6	4	48	10	3	1
1140438	PPM	0	0	47	1	296	4	402	5	2	1	-2	3	4	3	-1	6	2	6	-6	4	3	1	12	1	-14	4	57	10	0	1
1140439	PPM	0	0	48	1	296	4	304	4	1	1	-4	3	2	3	4	6	0	6	-4	4	2	1	12	1	-9	4	30	9	2	2
1140440	PPM	0	0	46	1	325	4	314	4	1	1	0	3	1	3	-7	6	-7	6	-4	4	2	1	9	1	-8	4	34	10	3	1
1140441	PPM	0	0	47	1	344	4	278	4	2	1	1	3	1	3	-8	6	-1	6	-3	4	3	1	10	1	-13	4	46	10	0	2
1140442	PPM	0	0	48	1	354	5	356	5	2	1	-1	3	-2	4	-2	6	1	7	-4	4	3	1	10	1	-15	4	54	10	0	1
1140443	PPM	-1	0	47	1	344	4	326	4	1	1	-1	3	-4	3	-2	6	-5	6	7	4	2	1	10	1	-17	4	39	10	0	1
1140444	PPM	0	0	49	1	283	4	384	5	2	1	0	3	-2	3	4	6	5	6	-4	4	3	1	13	1	-10	4	37	9	-1	1
1140445	PPM	0	0	46	1	278	4	384	5	2	1	-6	3	2	3	-7	6	-10	6	-3	4	2	1	13	1	-15	4	37	10	-2	1
1140446	PPM	1	0	44	1	313	4	301	4	0	1	-2	3	-4	4	-12	6	-4	7	2	4	2	1	13	1	-16	4	54	10	0	1
1140447	PPM	0	0	47	1	325	4	322	4	3	1	3	3	0	4	0	6	1	7	-1	4	2	1	12	1	-7	4	53	10	-1	1
1140448	PPM	0	0	42	1	314	4	86	2	0	1	0	3	-2	3	-8	6	-11	6	-6	4	2	1	11	1	-9	4	17	9	4	1
1140449	PPM	0	0	43	1	331	4	290	4	1	1	-3	3	-7	3	-4	6	-1	7	7	4	1	1	10	1	-4	4	53	10	-2	1
1140450	PPM	0	0	48	1	306	4	300	4	1	1	1	3	-1	3	-7	6	-12	6	-6	4	2	1	11	1	-8	4	28	9	0	1
1140451	PPM	0	0	46	1	334	4	217	3	2	1	-6	3	2	3	2	6	4	6	-8	4	1	1	9	1	-5	4	44	9	2	1
1140452	PPM	1	0	46	1	335	4	177	3	1	1	-4	3	-2	3	10	6	-10	6	-5	4	3	1	11	1	-3	4	38	9	0	1
1140453	PPM	0	0	48	1	303	4	309	4	2	1	-4	3	-2	3	2	6	-6	6	1	4	3	1	10	1	-10	4	41	9	0	1
1140454	PPM	1	0	43	1	276	4	321	4	0	1	-7	3	-4	3	-9	5	-5	6	-12	4	2	1	11	1	-11	4	51	10	-1	1
1140455	PPM	0	0	43	1	253	3	342	4	1	1	2	3	1	3	-20	5	9	6	-11	4	1	1	12	1	-13	4	39	9	-1	1
1140456	PPM	1	0	46	1	301	4	356	4	1	1	2	3	2	3	4	6	-7	6	-14	4	2	1	8	1	-10	4	42	9	1	1
1140457	PPM	0	0	48	1	293	4	371	5	1	1	-2	3	-3	3	-5	6	4	6	0	4	1	1	12	1	-8	4	41	9	0	1
1140458	PPM	0	0	45	1	283	4	424	5	1	1	-6	3	0	3	-7	5	4	6	-4	4	3	1	11	1	-9	4	36	9	1	1
1140459	PPM	0	0	45	1	309	4	284	4	1	1	0	3	0	3	10	6	8	6	-6	4	1	1	11	1	-8	4	42	10	-1	1
1140460	PPM	0	0	47	1	308	4	261	4	1	1	-3	3	-3	3	-7	6	0	6	-7	4	2	1	11	1	-2	4	28	9	0	1
1140461	PPM	0	0	46	1	300	4	293	4	1	1	-3	3	-1	3	-3	6	-3	6	-4	4	3	1	11	1	-11	4	41	9	-1	1
1140462	PPM	0	0	43	1	334	4	301	4	0	1	0	3	-2	3	-7	6	-7	6	-7	4	1	1	9	1	-9	4	34	9	-2	1
1140463	PPM	0	0	38	1	299	4	315	4	-1	1	0	3	5	3	-5	5	-2	6	-7	4	-1	1	10	1	-11	4	48	9	2	1
1140464	PPM	0	0	41	1	286	4	255	4	0	1	-3	3	0	3	-7	6	-3	6	1	4	2	1	12	1	-10	4	29	9	2	1
1140465	PPM	1	0	46	1	292	4	291	4	1	1	2	3	0	3	-14	5	7	6	-4	4	2	1	10	1	-10	4	48	10	1	1
1140466	PPM	1	0	44	1	323	4	263	4	1	1	-3	3	-3	3	4	6	6	6	5	4	2	1	9	1	-11	4	36	9	0	1
1140467	PPM	0	0	43	1	282	4	333	4	1	1	3	3	2	3	-17	6	-10	6	-10	4	4	1	11	1	-8	4	31	10	0	1
1140468	PPM	0	0	45	1	309	4	298	4	2	1	-7	3	3	3	-5	6	3	6	-3	4	1	1	12	1	-8	4	58	10	-2	1
1140469	PPM	0	0	42	1	342	4	114	2	0	1	-9	3	-4	3	-2	6	-6	6	-6	4	1	1	11	1	-11	4	29	9	1	1
1140470	PPM	0	0	48	1	291	4	378	5	2	1	-1	3	-5	3	-5	5	-1	6	-12	4	2	1	12	1	-5	4	40	9	2	1
1140471	PPM	0	0	47	1	308	4	268	4	-1	1	-2	3	-1	3	1	6	-5	6	-8	4	3	1	12	1	-13	4	45	9	0	1
1140472	PPM	1	0	48	1	278	4	332	4	-1	1	-5	3	3	3	-8	6	4	6	-10	4	3	1	12	1	-16	4	31	9	2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140473	PPM	0	0	45	1	332	4	286	4	-1	1	-2	3	-3	3	6	6	0	6	-3	4	3	1	11	1	-8	4	44	10	2	1
1140474	PPM	1	0	43	1	340	4	286	4	2	1	-8	3	-6	4	-4	6	-3	7	-3	4	2	1	10	1	-9	4	41	10	0	1
1140475	PPM	0	0	45	1	287	4	254	4	0	1	-3	3	-4	3	-12	6	-8	6	-5	4	2	1	14	1	-13	4	26	9	-1	1
1140476	PPM	0	0	43	1	291	4	342	4	1	1	0	3	7	3	-7	6	2	6	-7	4	2	1	10	1	-13	4	53	10	-1	1
1140477	PPM	1	0	45	1	303	4	363	5	-1	1	-1	3	-4	3	-11	6	-9	6	-10	4	4	1	12	1	-7	4	44	10	2	1
1140478	PPM	0	0	48	1	288	4	290	4	1	1	-5	3	-4	3	-8	6	-4	6	-7	4	1	1	10	1	-13	4	70	10	-1	1
1140479	PPM	0	0	45	1	279	4	298	4	0	1	1	3	4	3	-5	5	1	6	-8	4	2	1	12	1	-10	4	36	9	-2	1
1140480	PPM	0	0	45	1	312	4	324	4	1	1	-1	3	0	3	-5	6	-2	6	-2	4	2	1	13	1	-7	4	52	10	0	1
1140481	PPM	0	0	50	1	289	4	335	4	-1	1	-1	3	-1	3	-19	5	3	6	-18	4	3	1	12	1	-31	4	47	10	-1	1
1140482	PPM	0	0	48	1	285	4	338	4	1	1	2	3	5	3	4	6	1	6	-6	4	2	1	11	1	-20	4	35	9	-3	1
1140483	PPM	0	0	49	1	305	4	266	4	-1	1	-1	3	-1	3	-7	5	-2	6	-1	4	1	1	14	1	-11	4	39	9	0	2
1140484	PPM	0	0	35	1	360	5	577	7	-1	1	-2	3	-9	3	-20	5	-4	6	-8	4	0	1	10	1	-25	4	60	11	1	1
1140485	PPM	0	0	44	1	298	4	222	3	0	1	-6	3	3	3	-12	5	-15	6	-4	4	3	1	9	1	-12	4	22	9	2	1
1140486	PPM	1	0	45	1	313	4	340	4	0	1	2	3	0	3	0	6	-1	6	-6	4	2	1	11	1	-6	4	40	10	0	1
1140487	PPM	0	0	46	1	283	4	342	4	0	1	-2	3	4	3	-5	5	-15	6	-12	4	4	1	13	1	-17	4	31	9	1	2
1140488	PPM	0	0	45	1	310	4	370	5	1	1	5	3	-1	4	-4	6	-7	6	-2	4	2	1	12	1	-1	4	42	10	2	1
1140489	PPM	0	0	48	1	328	4	318	4	-1	1	-1	3	-2	3	-11	6	-5	6	-5	4	1	1	10	1	-5	4	25	10	0	1
1140490	PPM	0	0	47	1	289	4	319	4	0	1	-5	3	-1	4	-9	6	-10	6	-5	4	3	1	12	1	-14	4	41	10	-1	1
1140491	PPM	0	0	38	1	342	4	99	2	1	1	-2	3	-6	3	-7	6	4	6	-10	4	1	1	8	1	-4	4	35	9	-2	1
1140492	PPM	1	0	15	1	92	2	26	1	0	1	12	3	14	3	-40	4	4	4	-19	3	-3	1	7	1	-48	4	-5	6	-1	2
1140493	PPM	0	0	44	1	342	4	294	4	0	1	-1	3	-1	4	1	6	-5	6	-4	4	1	1	10	1	-10	4	53	10	1	1
1140494	PPM	0	0	45	1	339	4	236	3	0	1	-3	3	-1	3	-2	6	4	6	-13	4	4	1	10	1	-5	4	40	10	0	1
1140495	PPM	0	0	41	1	275	4	318	4	0	1	0	3	-3	3	-6	5	6	6	-7	4	2	1	11	1	-10	4	33	9	0	1
1140496	PPM	0	0	46	1	318	4	288	4	-1	1	3	3	2	3	-33	5	0	6	-17	4	2	1	13	1	-13	4	42	10	0	1
1140497	PPM	0	0	48	1	303	4	364	5	2	1	-5	3	2	3	-16	6	-7	6	-8	4	2	1	13	1	-22	4	52	10	-1	1
1140498	PPM	0	0	43	1	283	4	324	4	1	1	2	3	5	4	-7	6	-6	6	1	4	1	1	11	1	-13	4	41	10	-2	1
1140499	PPM	0	0	49	1	297	4	360	5	-1	1	-3	3	3	3	-13	5	-8	6	-16	4	3	1	10	1	-18	4	54	10	-1	2
1140500	PPM	0	0	46	1	293	4	359	5	0	1	-5	3	-1	4	-4	6	-6	7	-9	4	4	1	11	1	-15	4	43	10	3	1
1140501	PPM	0	0	40	1	309	4	142	2	0	1	0	3	-4	3	9	6	-5	6	-4	4	3	1	12	1	-7	4	12	9	-1	1
1140552	PPM	0	0	42	1	335	4	100	2	0	1	1	3	1	3	0	6	-6	6	-2	4	2	1	10	1	-10	4	14	9	0	1
1140554	PPM	0	0	43	1	313	4	208	3	0	1	-8	3	-3	3	2	6	-4	6	6	4	3	1	12	1	2	4	35	9	2	1
1140557	PPM	0	0	39	1	267	3	150	2	1	1	-7	3	-4	3	1	5	-1	6	-7	4	3	1	7	1	-7	4	28	8	-1	1
1140558	PPM	1	0	45	1	311	4	310	4	0	1	5	3	2	3	-6	6	2	6	-6	4	3	1	10	1	-7	4	44	10	-2	1
1140560	PPM	-1	0	47	1	315	4	234	3	0	1	-3	3	-2	3	-20	5	-10	6	-4	4	1	1	10	1	-17	4	48	10	1	1
1140562	PPM	1	0	40	1	262	4	170	3	1	1	-3	3	-5	3	-5	6	-14	6	-5	4	0	1	14	1	-8	4	35	9	0	1
1140563	PPM	1	0	44	1	308	4	187	3	0	1	7	3	7	3	-8	5	-1	6	-9	4	3	1	9	1	-16	4	11	9	-1	1
1140564	PPM	0	0	44	1	298	4	240	3	1	1	-3	3	-3	3	-6	5	-8	6	-11	4	3	1	11	1	-18	4	19	9	0	1
1140565	PPM	0	0	44	1	296	4	238	3	0	1	-3	3	-1	3	-15	6	-12	6	0	4	0	1	9	1	-16	4	40	9	-1	1
1140566	PPM	0	0	47	1	277	4	323	4	0	1	-4	3	0	3	-5	6	-9	6	-10	4	1	1	11	1	-16	4	47	10	0	1
1140567	PPM	-1	0	50	1	302	4	293	4	-1	1	-1	3	-2	3	-23	5	4	6	-10	4	4	1	10	1	-19	4	31	9	-1	1
1140568	PPM	0	0	39	1	332	4	155	3	1	1	-10	3	-5	3	4	6	4	6	-6	4	2	1	9	1	-4	4	26	9	-1	1
1140569	PPM	0	0	42	1	339	4	253	4	1	1	-2	3	-2	3	-4	6	-8	6	-6	4	1	1	9	1	-18	4	39	9	-1	1
1140570	PPM	-1	0	45	1	300	4	244	3	2	1	-2	3	-5	3	-18	6	-7	6	-4	4	3	1	11	1	-13	4	38	9	-2	1
1140571	PPM	0	0	44	1	325	4	224	3	2	1	-3	3	-3	3	0	6	5	6	1	4	2	1	10	1	-8	4	43	9	-1	1
1140572	PPM	0	0	48	1	279	4	294	4	0	1	0	3	6	3	-11	5	5	6	-4	4	1	1	17	1	-5	4	39	9	-2	1
1140573	PPM	0	0	46	1	316	4	320	4	0	1	-3	3	0	4	0	6	-4	7	-1	4	1	1	11	1	-7	4	29	10	-1	1
1140574	PPM	0	0	43	1	335	4	342	4	1	1	2	3	2	3	-4	6	0	6	-11	4	4	1	8	1	-7	4	43	10	0	1
1140575	PPM	1	0	47	1	286	4	234	3	1	1	-1	3	1	3	-7	6	-9	6	-7	4	1	1	12	1	-14	4	30	9	0	1
1140576	PPM	0	0	35	1	267	3	126	2	1	1	1	3	-3	3	-15	5	0	6	-9	4	1	1	14	1	-13	4	25	8	-2	1
1140578	PPM	0	0	44	1	297	4	231	3	0	1	-3	3	2	3	-1	6	4	6	-12	4	1	1	14	1	-21	4	39	10	-2	1
1140579	PPM	0	0	35	1	298	4	74	2	-1	1	2	3	4	3	-29	5	-1	5	-10	3	-1	1	7	1	-20	4	20	8	0	1
1140580	PPM	0	0	43	1	280	4	296	4	0	1	-4	3	2	3	-15	5	2	6	-4	4	1	1	9	1	-15	4	35	9	0	1
1140581	PPM	0	0	42	1	323	4	347	5	-1	1	0	3	4	3	-5	6	0	6	-11	4	4	1	14	1	-17	4	24	10	-1	1
1140582	PPM	-1	0	44	1	297	4	174	3	1	1	7	3	4	3	-5	6	0	6	0	4	1	1	11	1	-11	4	30	9	-1	1
1140583	PPM	0	0	40	1	277	4	254	3	1	1	1	3	3	3	-12	5	1	6	-8	4	3	1	8	1	-24	4	35	9	-1	1
1140584	PPM	0	0	41	1	329	4	210	3	0	1	0	3	3	3	4	6	1	6	-4	4	1	1	7	1	-10	4	35	9	0	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140585	PPM	0	0	41	1	333	4	130	2	1	1	0	3	2	3	5	6	-3	6	-2	4	2	1	9	1	-8	4	20	9	1	1
1140586	PPM	1	0	42	1	324	4	136	2	1	1	-1	3	3	3	-11	6	-9	6	-8	4	2	1	10	1	-7	4	15	9	0	1
1140588	PPM	0	0	26	1	147	2	173	3	0	1	2	3	0	3	-26	5	7	5	-17	3	0	1	24	1	-24	4	23	8	1	1
1140589	PPM	0	0	45	1	254	3	353	4	-1	1	-6	3	-1	3	-26	5	-5	6	-10	4	2	1	11	1	-12	4	37	9	1	1
1140590	PPM	0	0	43	1	306	4	237	3	0	1	0	3	1	3	-14	5	-11	6	-6	4	1	1	12	1	-14	4	34	9	-1	1
1140591	PPM	0	0	46	1	286	4	270	4	2	1	-3	3	-11	3	9	6	16	6	-3	4	1	1	11	1	-17	4	42	10	-1	1
1140592	PPM	0	0	46	1	329	4	145	2	0	1	2	3	-7	3	-2	6	-8	6	-10	4	4	1	10	1	-11	4	51	10	1	1
1140593	PPM	0	0	38	1	269	4	186	3	0	1	1	3	-1	3	-8	5	-4	6	-3	4	0	1	11	1	-11	4	25	9	3	1
1140594	PPM	0	0	44	1	338	4	72	2	2	1	2	3	-1	3	-8	6	-1	6	-10	4	0	1	10	1	-21	4	18	9	1	1
1140595	PPM	0	0	39	1	331	4	105	2	0	1	0	3	0	3	-11	6	-11	6	-4	4	1	1	7	1	-13	4	28	9	-1	1
1140596	PPM	1	0	38	1	279	4	248	4	1	1	-1	3	4	4	-3	6	5	6	-5	4	1	1	11	1	-10	4	65	10	1	1
1140601	PPM	0	0	47	1	357	5	98	2	2	1	0	3	-1	3	-4	6	-7	6	-3	4	2	1	10	1	-15	4	47	9	-1	1
1140602	PPM	0	0	47	1	352	4	179	3	1	1	-2	3	2	3	11	6	5	6	-2	4	4	1	9	1	-19	4	57	10	-3	1
1140603	PPM	0	0	44	1	351	4	155	3	2	1	-5	3	-1	3	-2	6	4	6	-4	4	1	1	11	1	-11	4	21	9	-2	2
1140604	PPM	0	0	49	1	361	5	77	2	2	1	1	3	-6	4	-19	6	-9	6	-3	4	1	1	11	1	-24	4	38	10	-1	1
1140605	PPM	1	0	45	1	353	4	109	2	1	1	-2	3	-7	3	3	6	-6	6	2	4	2	1	9	1	-3	4	29	9	-2	1
1140606	PPM	1	0	46	1	345	4	164	3	1	1	2	3	2	3	-10	6	-7	6	-2	4	4	1	12	1	-10	4	-2	9	1	2
1140607	PPM	0	0	47	1	359	5	235	3	-1	1	-2	3	5	3	-4	6	-11	6	-10	4	1	1	9	1	-9	4	38	10	1	1
1140608	PPM	0	0	46	1	351	4	146	2	-1	1	2	3	4	3	2	6	-2	6	-5	4	3	1	9	1	-4	4	8	9	0	2
1140609	PPM	0	0	46	1	356	5	226	3	1	1	-2	3	-3	4	7	6	-10	7	-4	4	1	1	11	1	-11	4	48	10	2	1
1140610	PPM	0	0	45	1	352	5	198	3	1	1	-3	3	-8	4	3	6	3	7	1	4	3	1	11	1	-24	4	39	10	-3	1
1140611	PPM	1	0	47	1	339	4	122	2	1	1	5	3	-2	3	-15	6	0	6	-8	4	3	1	10	1	-7	4	27	9	-1	2
1140612	PPM	0	0	46	1	352	5	164	3	0	1	-4	3	-3	4	-12	6	-3	6	-6	4	2	1	10	1	-5	4	33	9	1	2
1140613	PPM	0	0	44	1	346	4	183	3	0	1	-2	3	-5	4	-4	6	-9	7	-3	4	2	1	12	1	-13	4	39	10	2	1
1140614	PPM	1	0	42	1	292	4	237	3	-1	1	-3	3	-4	3	1	6	-9	6	-15	4	3	1	11	1	-4	4	32	9	-2	1
1140615	PPM	0	0	43	1	325	4	163	3	-1	1	-2	3	-4	3	1	6	-4	6	-5	4	1	1	9	1	-11	4	27	9	2	1
1140616	PPM	1	0	44	1	302	4	252	4	0	1	0	3	0	3	0	6	-5	6	-6	4	1	1	9	1	-8	4	55	10	1	1
1140617	PPM	0	0	42	1	298	4	236	3	-1	1	-1	3	0	3	-15	6	13	6	-4	4	1	1	9	1	-5	4	34	9	2	1
1140618	PPM	1	0	46	1	348	4	184	3	-1	1	-2	3	0	3	5	6	-1	6	3	4	2	1	9	1	-5	4	50	10	1	1
1140619	PPM	0	0	48	1	350	4	74	2	1	1	0	3	1	3	-2	6	-10	7	4	4	3	1	9	1	-10	4	33	9	1	1
1140620	PPM	0	0	45	1	300	4	232	3	1	1	-6	3	0	3	-8	6	1	6	-7	4	1	1	10	1	-9	4	27	9	2	1
1140621	PPM	-1	0	47	1	338	4	103	2	2	1	0	3	1	3	1	6	-3	6	1	4	2	1	8	1	-8	4	29	9	1	1
1140622	PPM	0	0	44	1	358	5	113	2	1	1	-2	3	0	4	5	6	-5	7	-3	4	1	1	10	1	-9	4	58	10	-3	1
1140623	PPM	0	0	46	1	332	4	92	2	2	1	0	3	3	3	1	6	-2	6	5	4	3	1	9	1	-1	4	23	9	-1	1
1140624	PPM	1	0	45	1	343	4	87	2	2	1	-6	3	-1	3	-1	6	-16	6	-7	4	1	1	9	1	-10	4	24	9	-1	1
1140625	PPM	0	0	47	1	344	4	177	3	0	1	-7	3	-2	3	5	6	-7	6	-6	4	3	1	8	1	-23	4	35	9	0	1
1140626	PPM	0	0	45	1	350	4	214	3	-2	1	-2	3	3	3	0	6	-7	6	-10	4	3	1	8	1	-9	4	27	9	-1	1
1140627	PPM	0	0	46	1	331	4	113	2	0	1	1	3	-2	3	3	6	0	6	-5	4	3	1	9	1	-7	4	34	9	0	1
1140628	PPM	0	0	41	1	285	4	184	3	1	1	-4	3	-6	3	-14	6	-5	6	-6	4	1	1	10	1	-18	4	26	9	-2	1
1140651	PPM	-1	0	43	1	286	4	440	5	1	1	0	3	1	3	-16	5	-1	6	-15	4	1	1	11	1	-8	4	56	10	0	2
1140652	PPM	0	0	47	1	352	4	284	4	2	1	-3	3	-1	4	11	6	-14	7	-3	4	4	1	11	1	-4	4	47	10	1	1
1140653	PPM	0	0	43	1	353	4	240	3	0	1	-1	3	0	3	-1	6	-4	6	-1	4	2	1	12	1	-11	4	22	9	2	2
1140654	PPM	-2	1	16	1	80	4	24	2	14	2	37	3	15	7	-34	11	7	11	-24	7	-5	2	6	2	-83	9	31	18	-7	1
1140655	PPM	0	0	40	1	314	4	189	3	0	1	0	3	3	3	-11	6	-2	6	-7	4	0	1	9	1	-30	4	31	9	-1	1
1140656	PPM	-1	0	38	1	323	4	159	3	2	1	-1	3	9	3	-10	5	8	6	-4	4	3	1	7	1	-23	4	34	9	-2	1
1140657	PPM	1	0	42	1	343	4	120	2	0	1	-2	3	-2	3	-11	6	-10	6	-7	4	3	1	8	1	-4	4	12	9	1	1
1140658	PPM	-1	0	32	1	211	3	128	2	1	1	6	3	4	3	-36	5	2	5	-13	3	-1	1	5	1	-50	4	29	8	-1	2
1140659	PPM	-1	0	42	1	324	5	308	4	2	1	-2	3	-1	4	-21	6	-10	7	4	4	3	1	10	1	-31	4	79	11	1	1
1140660	PPM	0	0	42	1	330	4	324	4	-1	1	2	3	0	3	-2	6	0	6	2	4	1	1	10	1	-7	4	51	10	-2	1
1140661	PPM	0	0	44	1	328	4	144	2	0	1	3	3	-4	4	-6	6	-5	6	-5	4	2	1	9	1	-27	4	26	9	0	2
1140662	PPM	0	0	45	1	334	4	259	4	0	1	0	3	-1	4	6	6	5	7	9	4	2	1	12	1	-13	4	21	10	4	1
1140663	PPM	0	0	44	1	296	4	272	4	1	1	4	3	5	3	2	6	5	6	-8	4	2	1	10	1	-14	4	37	9	2	2
1140664	PPM	0	0	45	1	321	4	277	4	1	1	-8	3	-1	4	-7	6	-7	7	1	4	2	1	10	1	-7	4	35	10	3	1
1140665	PPM	0	0	47	1	345	4	294	4	0	1	-1	3	0	3	2	6	-17	6	2	4	1	1	8	1	-24	4	41	10	-1	1
1140666	PPM	0	0	45	1	279	4	295	4	0	1	2	3	-1	4	-13	6	3	6	-3	4	0	1	12	1	-11	4	40	10	-2	1
1140667	PPM	0	0	48	1	291	4	339	5	0	1	-6	3	2	4	-7	6	-14	7	2	4	2	1	14	1	-13	4	45	10	0	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140668	PPM	-1	0	48	1	296	4	388	5	1	1	-5	3	-1	4	-21	6	-20	7	3	4	2	1	11	1	-22	4	48	10	-1	1
1140669	PPM	0	0	45	1	284	4	327	4	-2	1	-2	3	-2	4	-5	6	-10	6	-4	4	1	1	12	1	-18	4	50	10	0	1
1140670	PPM	0	0	46	1	336	4	224	3	0	1	-7	3	-8	3	-1	6	-17	6	-6	4	2	1	11	1	-4	4	30	9	1	1
1140671	PPM	0	0	41	1	351	4	164	3	1	1	-3	3	-6	3	4	6	-10	6	-4	4	3	1	8	1	-7	4	14	9	-2	1
1140672	PPM	0	0	41	1	342	4	207	3	0	1	-7	3	0	3	-10	5	0	6	-10	4	2	1	8	1	-12	4	23	9	0	1
1140673	PPM	0	0	47	1	307	4	328	4	-2	1	6	3	1	3	-12	5	-2	6	-12	4	3	1	10	1	-12	4	32	10	0	1
1140674	PPM	0	0	43	1	282	4	340	4	0	1	-5	3	-1	3	-15	6	1	6	-11	4	1	1	11	1	-10	4	36	9	0	1
1140675	PPM	1	0	50	1	257	3	477	6	2	1	1	3	-4	3	-6	5	-16	6	-5	4	4	1	10	1	-7	4	50	9	2	1
1140676	PPM	0	0	44	1	335	4	266	4	0	1	-3	3	-4	3	1	6	-8	6	-1	4	2	1	11	1	-4	4	34	10	-1	1
1140677	PPM	0	0	47	1	326	4	266	4	2	1	-3	3	0	3	1	6	-6	6	-6	4	1	1	9	1	-7	4	36	9	-1	1
1140678	PPM	0	0	45	1	342	4	258	4	1	1	-6	3	-5	3	-6	6	4	6	6	4	3	1	11	1	0	4	27	9	-1	1
1140679	PPM	0	0	48	1	324	4	335	4	-1	1	-2	3	1	3	-6	6	6	6	-9	4	4	1	9	1	-9	4	60	10	0	1
1140680	PPM	1	0	47	1	319	4	400	5	-1	1	0	3	-7	3	-2	6	-8	6	-17	4	3	1	10	1	-12	4	52	10	2	1
1140681	PPM	0	0	48	1	301	4	359	4	0	1	-4	3	1	3	-5	5	-11	6	-6	4	3	1	11	1	-12	4	43	9	1	1
1140682	PPM	0	0	44	1	305	4	281	4	0	1	-3	3	0	3	-6	6	-7	6	-5	4	0	1	10	1	-6	4	47	10	2	1
1140683	PPM	0	0	47	1	294	4	360	4	-1	1	4	3	0	3	-4	5	-16	6	-6	4	2	1	9	1	-17	4	29	9	0	1
1140684	PPM	-1	0	7	0	40	1	11	1	1	1	8	3	6	3	-34	4	-4	4	-28	3	-5	1	2	1	-48	3	-12	5	-2	1
1140685	PPM	-2	0	7	0	35	1	7	1	0	1	11	3	8	3	-33	4	6	4	-24	3	-5	1	1	1	-62	4	-21	6	-1	1
1140686	PPM	-2	0	8	1	35	1	4	1	2	1	12	3	10	3	-37	5	3	5	-19	3	-4	1	2	1	-63	4	-21	6	-5	1
1140687	PPM	-1	0	5	0	33	1	3	1	1	1	8	3	7	3	-41	4	0	4	-28	3	-5	1	-1	1	-64	4	-18	5	-2	1
1140688	PPM	0	0	38	1	270	4	162	3	0	1	2	3	0	3	-19	5	-9	6	-20	4	1	1	9	1	-23	4	34	9	0	1
1140689	PPM	0	0	47	1	285	4	330	4	0	1	-8	3	-6	4	-15	6	1	6	3	4	2	1	12	1	-13	4	43	10	0	1
1140690	PPM	0	0	47	1	290	4	308	4	0	1	0	3	4	4	3	6	8	6	-6	4	1	1	11	1	-13	4	27	10	1	1
1140691	PPM	0	0	46	1	275	4	307	4	0	1	-3	3	-1	3	-16	5	-4	6	-13	4	1	1	12	1	-26	4	35	10	1	1
1140692	PPM	0	0	46	1	280	4	403	5	-1	1	1	3	-1	3	0	5	1	6	-9	4	2	1	11	1	-15	4	32	9	2	1
1140693	PPM	0	0	45	1	272	4	375	5	1	1	2	3	0	4	-11	6	-5	7	-4	4	1	1	11	1	-31	4	61	11	0	1
1140694	PPM	0	0	46	1	297	4	198	3	0	1	5	3	-1	3	-11	5	-6	6	-9	4	1	1	9	1	-4	4	26	9	1	1
1140695	PPM	0	0	45	1	283	4	295	4	-2	1	-5	3	2	3	-14	5	-6	6	-8	4	3	1	11	1	-11	4	35	9	0	1
1140696	PPM	-1	0	8	0	30	1	11	1	0	1	14	3	8	3	-36	4	3	4	-27	3	-6	1	1	1	-50	4	-11	6	-4	1
1140697	PPM	-1	0	6	0	26	1	5	1	-1	1	11	3	14	3	-39	4	12	4	-26	3	-6	1	0	1	-55	4	-20	5	-3	1
1140698	PPM	-2	0	5	0	34	1	4	1	0	1	12	3	11	3	-36	4	-3	4	-26	3	-6	1	0	1	-71	4	-13	6	-1	1
1140699	PPM	-1	0	6	0	37	1	5	1	-1	1	12	3	9	3	-38	4	0	4	-25	3	-6	1	1	1	-52	4	-17	5	-1	1
1140700	PPM	-2	0	7	0	34	1	4	1	0	1	9	3	9	3	-39	4	5	4	-23	3	-6	1	2	1	-59	4	-17	6	-3	1
1140701	PPM	0	0	32	1	290	4	167	3	0	1	1	3	-5	3	-31	6	8	6	-9	4	1	1	11	1	-6	4	34	10	-2	1
1140702	PPM	0	0	45	1	286	4	308	4	-1	1	-4	3	-2	3	-9	6	-17	6	3	4	3	1	12	1	-20	4	47	9	2	1
1140703	PPM	0	0	50	1	320	4	226	3	2	1	-4	3	2	4	-4	6	-20	7	-15	4	3	1	9	1	-10	4	45	10	0	2
1140704	PPM	1	0	49	1	327	4	315	4	0	1	-3	3	3	3	12	6	3	6	-9	4	3	1	11	1	-3	4	58	10	3	2
1140705	PPM	0	0	48	1	289	4	294	4	1	1	4	3	1	3	-1	6	-9	6	-3	4	1	1	11	1	-8	4	42	10	0	1
1140706	PPM	0	0	48	1	285	4	329	4	1	1	-4	3	1	3	-2	6	2	6	-5	4	2	1	13	1	-13	4	46	9	1	1
1140707	PPM	0	0	45	1	281	4	293	4	0	1	-1	3	-1	3	-10	6	8	6	-5	4	3	1	12	1	-13	4	52	9	0	1
1140708	PPM	0	0	46	1	316	4	270	4	0	1	-2	3	-4	3	-10	6	0	6	-8	4	4	1	11	1	-11	4	53	10	0	1
1140709	PPM	0	0	40	1	273	4	223	3	1	1	0	3	-9	4	-8	6	-6	7	-10	4	2	1	10	1	-13	4	26	9	-1	1
1140710	PPM	0	0	46	1	272	4	315	4	0	1	1	3	-2	3	3	6	-6	6	-5	4	3	1	14	1	-11	4	51	10	-1	1
1140711	PPM	0	0	45	1	302	4	317	4	1	1	-3	3	-3	4	3	6	-4	6	-2	4	3	1	12	1	-17	4	40	10	-1	1
1140712	PPM	1	0	45	1	283	4	154	3	2	1	-6	3	-1	4	7	6	1	7	-8	4	3	1	11	1	-13	4	24	9	-1	1
1140713	PPM	0	0	44	1	328	4	119	2	0	1	-1	3	-1	3	4	6	-3	6	-12	4	3	1	8	1	-11	4	45	9	3	1
1140714	PPM	-1	0	11	0	65	1	30	1	-1	1	10	3	8	3	-34	4	3	4	-26	3	-4	1	3	1	-45	4	3	6	-2	1
1140715	PPM	0	0	36	1	211	3	135	2	-2	1	6	3	6	3	-42	4	1	5	-22	3	-1	1	6	1	-26	4	12	8	-1	1
1140716	PPM	1	0	45	1	308	4	225	3	1	1	-6	3	-5	3	3	6	-6	6	-4	4	2	1	10	1	-7	4	21	9	-2	1
1140717	PPM	0	0	48	1	315	4	211	3	1	1	1	3	3	3	1	6	-11	6	-1	4	3	1	11	1	-6	4	46	9	-2	1
1140718	PPM	0	0	44	1	328	4	241	3	1	1	-1	3	0	3	-2	6	2	6	-1	4	2	1	10	1	-7	4	40	9	0	1
1140719	PPM	1	0	32	1	218	3	155	3	0	1	0	3	5	3	-5	6	-9	6	-13	4	1	1	8	1	-12	4	20	9	2	1
1140751	PPM	0	0	42	1	256	3	342	4	-1	1	2	3	-2	3	-7	6	1	6	-9	4	2	1	11	1	-6	4	43	9	1	1
1140752	PPM	0	0	46	1	310	4	250	3	0	1	-8	3	2	3	-1	6	-7	6	-1	4	3	1	11	1	-4	4	28	9	-1	1
1140753	PPM	0	0	42	1	292	4	227	3	-1	1	-5	3	1	3	-9	5	-1	6	-2	4	2	1	11	1	-4	4	20	9	1	1
1140754	PPM	1	0	45	1	334	4	176	3	1	1	-5	3	-3	3	-3	6	-7	6	-1	4	3	1	9	1	-3	4	39	9	-2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140755	PPM	0	0	43	1	332	4	165	3	1	1	3	3	2	3	-4	6	5	6	-4	4	2	1	11	1	-1	4	37	9	0	1
1140756	PPM	0	0	22	1	197	3	72	2	1	1	8	3	13	3	-33	4	6	5	-22	3	3	1	7	1	-23	4	-16	7	-1	1
1140757	PPM	0	0	7	0	58	1	9	1	0	1	7	3	7	3	-41	4	4	5	-25	3	-3	1	1	1	-50	4	-1	7	-1	1
1140758	PPM	0	0	49	1	354	4	144	2	2	1	-1	3	1	3	-2	6	5	6	1	4	1	1	8	1	-13	4	28	9	1	2
1140759	PPM	1	0	49	1	317	4	143	2	1	1	-1	3	1	3	-3	6	1	6	-6	4	2	1	9	1	-7	4	19	9	-3	1
1140760	PPM	0	0	45	1	299	4	127	2	-1	1	-1	3	-2	3	-14	6	-2	6	-4	4	2	1	10	1	-9	4	34	9	1	1
1140761	PPM	-1	0	46	1	345	4	122	2	1	1	2	3	-2	3	-6	6	-3	6	1	4	2	1	10	1	-11	4	24	9	0	1
1140762	PPM	1	0	46	1	338	4	180	3	1	1	-2	3	-1	3	12	6	11	6	-9	4	2	1	11	1	-7	4	40	9	1	1
1140763	PPM	0	0	45	1	347	4	142	2	0	1	-4	3	-2	3	-2	6	-2	6	-5	4	3	1	10	1	4	4	23	9	0	1
1140764	PPM	0	0	45	1	342	4	194	3	2	1	2	3	-5	3	7	6	-11	6	-2	4	2	1	9	1	-4	4	46	9	-3	1
1140765	PPM	0	0	44	1	343	4	250	3	1	1	-7	3	0	3	-1	6	-2	6	-2	4	2	1	10	1	-13	4	50	10	0	1
1140766	PPM	0	0	46	1	303	4	160	3	0	1	-3	3	0	3	-9	6	-7	6	-2	4	3	1	10	1	-6	4	32	9	-1	1
1140767	PPM	0	0	45	1	287	4	197	3	1	1	-1	3	-5	3	-3	6	-2	6	-3	4	1	1	10	1	-7	4	19	9	0	1
1140768	PPM	0	0	47	1	325	4	273	4	1	1	-3	3	-6	3	13	6	-19	6	-6	4	2	1	11	1	-12	4	42	10	-1	1
1140769	PPM	-1	0	45	1	329	4	165	3	1	1	-6	3	0	3	-4	5	-15	6	-1	4	2	1	10	1	-17	4	24	9	0	1
1140770	PPM	0	0	46	1	336	4	156	3	1	1	-2	3	4	3	2	6	2	6	-4	4	2	1	8	1	-1	4	38	9	-1	1
1140771	PPM	0	0	46	1	349	4	137	2	1	1	-5	3	-6	3	3	6	-4	6	-4	4	0	1	9	1	-9	4	26	9	1	1
1140772	PPM	0	0	45	1	344	4	208	3	1	1	-1	3	-1	3	2	6	-20	6	-7	4	1	1	7	1	2	4	43	9	-2	1
1140773	PPM	0	0	46	1	345	4	150	2	0	1	-1	3	-1	3	3	6	-8	6	-3	4	2	1	10	1	-6	4	33	9	1	1
1140774	PPM	0	0	43	1	312	4	214	3	0	1	-5	3	-3	3	-5	6	-2	6	-8	4	2	1	9	1	-7	4	27	9	0	1
1140775	PPM	0	0	41	1	281	4	313	4	1	1	-5	3	5	3	-2	6	-5	6	0	4	1	1	11	1	-5	4	38	10	1	1
1140776	PPM	1	1	19	1	141	3	251	4	2	1	-3	3	1	4	-6	6	12	7	-2	4	1	1	5	1	-13	4	23	10	2	1
1140777	PPM	-1	0	6	0	33	1	4	1	3	1	13	3	11	3	-35	4	8	4	-27	3	-4	1	-1	1	-52	4	-10	6	-2	1
1140778	PPM	1	0	44	1	283	4	259	4	1	1	-3	3	-6	3	-4	6	-2	6	-10	4	2	1	7	1	-11	4	37	9	0	1
1140779	PPM	0	0	42	1	307	4	242	3	0	1	-2	3	1	3	-15	6	-12	6	-5	4	2	1	10	1	-13	4	46	9	-2	1
1140780	PPM	0	0	46	1	335	4	269	4	-1	1	-1	3	-3	3	-8	6	-1	6	2	4	1	1	10	1	-6	4	43	10	3	2
1140781	PPM	1	0	46	1	275	4	269	4	1	1	-3	3	2	3	-5	6	-19	6	-12	4	2	1	14	1	-12	4	40	9	-1	1
1140782	PPM	0	0	43	1	257	3	322	4	-1	1	1	3	-3	3	-5	5	0	6	-5	4	2	1	11	1	-14	4	36	9	3	1
1140783	PPM	0	0	44	1	305	4	301	4	1	1	2	3	3	3	2	6	-8	6	-3	4	3	1	11	1	-6	4	52	10	0	1
1140784	PPM	-1	0	6	0	42	1	5	1	1	1	9	3	8	3	-36	4	11	4	-31	3	-5	1	1	1	-57	4	-19	6	-3	1
1140785	PPM	-1	0	6	0	41	1	2	1	0	1	11	3	9	3	-35	4	10	4	-23	3	-5	1	0	1	-55	4	-19	5	-2	1
1140786	PPM	-1	0	7	0	35	1	4	1	0	0	8	3	8	2	-36	4	9	4	-20	3	-6	1	0	1	-49	3	-14	5	-2	1
1140787	PPM	-1	0	8	0	35	1	6	1	0	0	11	3	11	2	-35	4	1	4	-12	3	-7	1	-1	1	-48	3	-11	5	-2	1
1140787	PPM	0	0	43	1	310	4	197	3	1	1	-2	3	2	4	-5	6	-5	6	-9	4	2	1	10	1	-14	4	44	10	-4	1
1140788	PPM	-1	0	13	1	59	1	50	1	-1	1	11	3	11	3	-36	4	6	5	-25	3	-4	1	11	1	-37	4	-10	7	-3	1
1140789	PPM	-1	0	9	0	32	1	5	1	0	1	5	3	9	2	-38	4	7	4	-20	3	-6	1	5	1	-47	3	-26	5	-1	1
1140790	PPM	-1	0	7	0	28	1	4	1	-1	1	8	3	11	3	-34	4	4	5	-30	3	-4	1	6	1	-45	4	-20	6	-3	1
1140791	PPM	-1	0	4	0	40	1	3	1	0	1	10	3	8	2	-36	4	-4	4	-24	3	-5	1	1	1	-51	3	-25	5	-3	1
1140792	PPM	0	0	45	1	298	4	314	4	0	1	0	3	-4	3	1	6	1	6	0	4	4	1	11	1	-13	4	38	9	1	1
1140793	PPM	0	0	45	1	293	4	414	5	1	1	-1	3	1	3	-3	6	-4	6	-7	4	2	1	12	1	-19	4	59	10	0	1
1140794	PPM	0	0	41	1	282	4	348	4	2	1	-1	3	0	3	-8	6	-10	6	-14	4	2	1	10	1	-14	4	32	9	0	1
1140795	PPM	0	0	39	1	260	4	327	4	0	1	4	3	-3	4	-3	6	1	6	-9	4	1	1	9	1	-18	4	38	10	1	1
1140796	PPM	0	0	49	1	295	4	353	4	2	1	-1	3	0	3	2	6	0	6	-5	4	3	1	14	1	5	4	36	9	1	1
1140797	PPM	0	0	47	1	264	4	387	5	0	1	2	3	-5	3	-5	6	-12	6	-10	4	2	1	12	1	-8	4	61	10	0	1
1140798	PPM	1	0	48	1	297	4	300	4	-1	1	-5	3	-4	3	-4	5	-9	6	-6	4	2	1	10	1	-12	4	33	9	-1	1
1140799	PPM	1	0	51	1	294	4	365	5	3	1	3	3	-1	3	-9	6	-4	6	-8	4	3	1	12	1	-14	4	61	10	0	1
1140800	PPM	0	0	49	1	288	4	329	4	0	1	-7	3	-3	3	-7	6	-5	6	-2	4	2	1	12	1	-10	4	28	9	1	1
1140801	PPM	0	0	10	0	65	1	20	1	2	1	7	3	8	3	-33	4	8	4	-29	3	-4	1	0	1	-48	4	-8	6	-3	1
1140802	PPM	0	0	8	0	40	1	14	1	1	1	11	3	13	3	-37	4	2	4	-22	3	-5	1	3	1	-37	3	-11	6	-2	1
1140803	PPM	-1	0	45	1	291	4	319	4	0	1	3	3	2	3	-12	5	-5	6	-14	3	3	1	11	1	-17	4	32	9	1	1
1140804	PPM	0	0	43	1	292	4	263	4	0	1	-3	3	-1	3	-5	6	8	6	-7	4	0	1	10	1	-18	4	42	9	-2	1
1140805	PPM	-1	0	6	0	47	1	5	1	-1	1	14	3	11	3	-33	4	10	4	-29	3	-4	1	0	1	-47	4	-23	6	-3	1
1140806	PPM	-1	0	6	0	39	1	2	1	1	1	11	3	13	2	-33	4	0	4	-27	3	-5	1	1	1	-52	4	-29	5	-4	1
1140807	PPM	-1	0	6	0	44	1	3	1	0	1	10	3	9	2	-40	4	7	4	-29	3	-5	1	1	1	-49	4	-13	6	-3	1
1140808	PPM	-1	0	7	0	40	1	3	1	0	1	10	3	10	3	-42	4	2	5	-29	3	-5	1	4	1	-45	4	-16	6	-3	1
1140809	PPM	0	0	10	0	45	1	10	1	0	1	8	3	7	2	-42	4	0	4	-27	3	-5	1	3	1	-42	3	-26	5	-2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140810	PPM	0	0	14	0	85	1	42	1	0	1	7	3	8	3	-31	4	3	4	-25	3	-6	1	3	1	-42	3	-12	6	-3	1
1140811	PPM	-1	0	43	1	276	4	357	5	1	1	-3	3	-7	3	-4	6	-3	6	-3	4	3	1	14	1	-11	4	52	10	0	1
1140812	PPM	0	0	40	1	229	3	390	5	0	1	3	3	1	3	-11	6	-14	6	-3	4	3	1	15	1	-9	4	27	9	1	1
1140813	PPM	0	0	41	1	286	4	328	4	0	1	-4	3	-9	3	-11	6	-3	6	0	4	1	1	10	1	-6	4	51	10	-1	1
1140851	PPM	0	0	39	1	346	4	242	3	-1	1	-1	3	0	3	-8	6	-3	6	-6	4	2	1	12	1	-6	4	53	10	-3	1
1140852	PPM	0	0	44	1	343	4	217	3	0	1	-1	3	6	3	-11	6	-4	6	-6	4	2	1	9	1	-5	4	32	9	0	1
1140853	PPM	0	0	47	1	342	4	278	4	0	1	-6	3	0	3	-10	5	-10	6	-2	4	1	1	10	1	-9	4	13	9	0	1
1140854	PPM	0	0	45	1	341	4	219	3	1	1	-5	3	-3	3	-3	6	3	6	-10	4	1	1	11	1	-8	4	31	9	-1	1
1140855	PPM	0	0	47	1	321	4	339	4	-1	1	-6	3	-6	3	4	6	-9	6	1	4	1	1	12	1	-14	4	52	10	2	1
1140856	PPM	0	0	48	1	289	4	374	5	1	1	1	3	0	3	-12	6	-2	6	-1	4	3	1	10	1	-12	4	41	10	-3	1
1140857	PPM	0	0	47	1	319	4	267	4	1	1	1	3	2	4	-1	6	-5	7	0	4	3	1	12	1	-13	4	44	10	0	1
1140858	PPM	0	0	47	1	251	3	346	4	-1	1	6	3	3	3	-10	5	4	6	-8	4	2	1	11	1	-13	4	41	9	-1	1
1140859	PPM	0	0	48	1	319	4	265	4	2	1	-3	3	-5	3	-9	6	-6	6	-6	4	2	1	10	1	-12	4	49	10	-1	1
1140860	PPM	0	0	45	1	344	4	323	4	1	1	-5	3	-2	3	1	6	0	6	-7	4	1	1	10	1	-14	4	28	10	0	1
1140861	PPM	0	0	43	1	315	4	241	3	0	1	-3	3	-3	3	-16	5	-12	6	1	4	0	1	9	1	-11	4	33	9	0	1
1140862	PPM	0	0	44	1	312	4	186	3	0	1	1	3	-1	3	-4	5	-3	6	-12	4	1	1	7	1	-9	4	19	9	1	1
1140863	PPM	-1	0	46	1	350	4	230	3	1	1	-4	3	-2	4	-5	6	-14	7	1	4	1	1	10	1	-5	4	32	10	-1	1
1140864	PPM	2	0	11	1	33	1	42	1	0	1	9	3	14	3	-34	4	8	5	-14	4	-3	1	0	1	-51	4	6	7	1	1
1140865	PPM	0	0	8	0	35	1	11	1	1	1	13	3	14	2	-30	4	4	4	-22	3	-4	1	0	1	-43	3	-23	5	-2	1
1140866	PPM	0	0	4	1	37	1	21	1	1	1	6	3	6	3	-41	5	-3	5	-18	4	-7	1	-9	1	-21	4	-19	7	-2	1
1140867	PPM	1	0	39	1	321	4	187	3	2	1	-3	3	-5	3	-2	5	-18	6	-3	4	2	1	10	1	-3	4	32	9	-3	1
1140868	PPM	0	0	41	1	336	4	395	5	1	1	-5	3	3	3	3	6	-3	6	-4	4	3	1	8	1	-10	4	35	10	-1	1
1140869	PPM	0	0	48	1	340	4	189	3	1	1	0	3	4	3	-13	6	-7	6	-7	4	3	1	11	1	-18	4	39	10	0	1
1140870	PPM	0	0	42	1	266	4	426	5	2	1	-1	3	4	3	-2	6	-1	6	-6	4	3	1	13	1	-13	4	44	10	0	1
1140871	PPM	0	0	40	1	301	4	225	3	1	1	-4	3	-9	4	-17	6	-10	6	-8	4	1	1	7	1	-14	4	41	10	0	1
1140872	PPM	-1	0	7	0	31	1	5	1	1	1	8	3	13	3	-37	4	4	4	-24	3	-6	1	0	1	-57	4	-17	6	-2	1
1140873	PPM	0	0	38	1	322	4	297	4	0	1	-5	3	0	3	-5	6	-8	6	-6	4	1	1	10	1	-8	4	42	10	0	1
1140874	PPM	-1	0	43	1	288	4	351	5	1	1	0	3	0	3	-3	6	-11	6	-7	4	2	1	12	1	-12	4	41	10	1	1
1140875	PPM	0	0	43	1	310	4	137	2	1	1	-5	3	4	3	-7	6	-13	6	-5	4	2	1	11	1	-9	4	26	9	-2	1
1140876	PPM	0	0	43	1	276	4	302	4	0	1	-1	3	2	3	-5	6	0	6	-5	4	1	1	10	1	-7	4	35	9	0	1
1140877	PPM	0	0	44	1	278	4	258	4	0	1	-2	3	-10	3	-5	6	-5	6	-6	4	1	1	11	1	-15	4	37	9	1	1
1140878	PPM	-1	0	8	1	36	1	9	1	2	1	12	3	12	3	-44	4	1	5	-24	3	-5	1	0	1	-45	4	-11	6	-3	1
1140879	PPM	-1	0	6	0	34	1	1	1	1	1	7	3	7	3	-41	4	-1	5	-26	3	-5	1	1	1	-44	4	-12	6	-3	1
1140880	PPM	-2	0	6	0	30	1	1	0	0	0	11	3	8	2	-34	4	11	4	-28	3	-5	1	-1	1	-56	3	-25	5	-2	1
1140881	PPM	-1	0	7	0	31	1	3	0	-1	0	8	3	5	2	-37	3	5	4	-24	3	-5	1	0	1	-48	3	-17	5	-2	1
1140882	PPM	0	0	43	1	327	4	133	2	3	1	0	3	-1	3	9	6	2	6	-5	4	2	1	10	1	-13	4	38	9	-3	1
1140883	PPM	0	0	47	1	247	3	368	5	1	1	-3	3	0	3	-12	6	-18	6	4	4	2	1	11	1	-25	4	70	10	-2	1
1140884	PPM	1	0	43	1	285	4	371	5	1	1	-2	3	5	3	-10	6	-10	6	-9	4	4	1	9	1	-14	4	80	10	0	1
1140885	PPM	0	0	7	0	28	1	16	1	0	1	12	3	10	3	-41	4	4	4	-24	3	-7	1	-4	1	-33	4	-18	6	-1	1
1140886	PPM	-1	0	8	0	34	1	9	1	-1	1	5	3	7	2	-41	4	3	4	-28	3	-5	1	0	1	-42	3	-19	5	-3	1
1140887	PPM	-1	0	12	1	40	1	21	1	0	1	15	3	10	3	-37	5	-4	5	-27	4	-6	1	2	1	-50	5	-5	7	-1	1
1140888	PPM	0	0	44	1	310	4	274	4	2	1	-2	3	2	3	-7	6	-12	6	-11	4	0	1	9	1	-11	4	34	9	-1	1
1140889	PPM	1	0	44	1	320	4	145	2	0	1	3	3	-2	3	-6	5	-12	6	-6	4	2	1	9	1	-12	4	13	9	-1	1
1140890	PPM	0	0	47	1	297	4	318	4	-2	1	-2	3	-5	3	-10	6	0	6	-1	4	1	1	13	1	-13	4	55	10	1	1
1140891	PPM	0	0	42	1	323	4	158	3	-1	1	2	3	1	3	-6	6	-7	6	0	4	1	1	9	1	-15	4	31	9	2	1
1140892	PPM	0	0	46	1	297	4	317	4	0	1	-2	3	-1	3	-9	6	-7	6	-6	4	3	1	11	1	-8	4	47	10	1	1
1140893	PPM	1	0	44	1	303	4	292	4	0	1	-7	3	4	3	-6	6	-6	6	-3	4	2	1	8	1	-6	4	46	10	0	1
1140894	PPM	-1	0	12	0	76	1	30	1	-1	1	10	3	11	2	-36	4	3	4	-26	3	-4	1	1	1	-50	4	-6	6	-2	1
1140895	PPM	-1	0	5	0	35	1	5	1	1	0	7	3	9	2	-37	3	3	4	-25	3	-6	1	-2	1	-46	3	-14	5	-2	1
1140896	PPM	1	0	43	1	323	4	196	3	1	1	2	3	0	3	3	5	-9	6	-11	4	3	1	9	1	-8	4	22	9	0	1
1140897	PPM	0	0	44	1	252	3	376	5	2	1	-1	3	5	3	-5	5	3	6	-4	4	3	1	12	1	-10	4	43	9	1	1
1140898	PPM	0	0	41	1	300	4	251	3	0	1	-3	3	3	3	-8	5	-11	6	-4	4	2	1	12	1	-13	4	34	9	2	1
1140899	PPM	0	0	39	1	291	4	351	4	2	1	-9	3	-4	3	-8	6	2	6	-5	4	2	1	12	1	-11	4	44	9	-1	1
1140900	PPM	0	0	46	1	308	4	326	4	0	1	-3	3	-3	3	-1	5	-7	6	-9	4	2	1	10	1	-12	4	26	9	0	1
1140901	PPM	1	0	44	1	316	4	252	3	1	1	-3	3	-3	3	-3	6	-2	6	-9	4	1	1	11	1	-11	4	36	9	-2	1
1140902	PPM	1	0	37	1	284	4	284	4	0	1	-1	3	1	3	-3	5	-1	6	-11	4	3	1	11	1	-7	4	20	9	0	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140903	PPM	0	0	41	1	273	4	301	4	0	1	-2	3	1	3	-16	6	-8	6	-8	4	2	1	13	1	-15	4	26	9	-1	1
1140904	PPM	0	0	43	1	257	3	264	4	1	1	-3	3	-2	3	-10	6	-6	6	-8	4	2	1	13	1	-15	4	27	9	-2	1
1140905	PPM	1	0	44	1	263	4	296	4	1	1	2	3	4	3	-13	6	1	6	-7	4	2	1	10	1	-13	4	30	9	-1	1
1140906	PPM	0	0	49	1	311	4	248	3	0	1	-6	3	5	3	-5	5	4	6	-9	4	2	1	12	1	-6	4	40	9	-1	1
1140907	PPM	0	0	44	1	280	4	321	4	0	1	-1	3	6	3	-2	6	-5	6	-6	4	1	1	12	1	-14	4	28	9	-2	1
1140908	PPM	0	0	42	1	148	2	266	4	1	1	0	3	-1	3	-8	5	-12	6	-12	4	3	1	7	1	-21	4	50	9	0	2
1140909	PPM	0	0	44	1	340	5	351	5	0	1	-8	3	-3	4	-11	6	-11	7	-12	4	3	1	12	1	-12	4	41	10	-1	1
1140910	PPM	1	0	43	1	279	4	341	4	0	1	-4	3	5	3	-4	6	-5	6	-9	4	4	1	11	1	-12	4	39	9	2	1
1140911	PPM	0	0	42	1	300	4	338	5	-1	1	-4	3	3	4	-8	6	7	6	-2	4	3	1	10	1	-14	4	48	10	-1	1
1140912	PPM	-1	0	7	1	16	1	8	1	1	1	16	3	10	3	-39	5	8	5	-36	3	-5	1	24	1	-68	4	-18	6	-3	1
1140913	PPM	-1	0	5	1	15	1	1	1	1	1	11	3	9	3	-31	5	10	5	-34	4	-3	1	70	2	-74	4	8	7	-4	1
1140914	PPM	-2	0	6	0	23	1	4	0	0	0	8	3	9	2	-36	3	5	4	-26	3	-7	1	8	1	-60	3	-13	5	-2	1
1140915	PPM	-2	0	5	0	54	1	5	1	0	1	11	3	7	2	-41	4	8	4	-27	3	-5	1	7	1	-45	3	-14	5	-2	1
1140916	PPM	0	0	44	1	296	4	309	4	1	1	5	3	2	3	-5	6	-6	6	-4	4	4	1	8	1	-3	4	53	10	0	1
1140917	PPM	0	0	46	1	319	4	261	4	2	1	-5	3	0	4	-8	6	-15	6	-3	4	3	1	10	1	-20	4	45	10	-2	1
1140918	PPM	-1	0	6	0	41	1	6	1	0	0	13	3	10	2	-37	4	1	4	-33	3	-4	1	80	1	-57	3	-12	5	-2	1
1140919	PPM	-1	0	6	0	41	1	6	1	-1	0	13	3	8	2	-31	4	6	4	-27	3	-5	1	5	1	-58	3	-14	5	-2	1
1140920	PPM	-2	0	6	0	32	1	4	1	-1	0	11	3	9	2	-40	4	2	4	-26	3	-5	1	14	1	-63	3	-6	5	-3	1
1140921	PPM	0	0	47	1	317	4	208	3	0	1	1	3	-1	3	-12	5	-5	6	-8	4	1	1	12	1	-10	4	72	10	1	1
1140922	PPM	0	0	33	1	202	3	188	3	0	1	-2	3	0	3	-17	5	-4	6	3	4	-1	1	10	1	-12	4	16	8	0	1
1140923	PPM	0	0	44	1	271	4	393	5	0	1	-1	3	-2	3	-13	5	-6	6	-8	4	3	1	12	1	-13	4	44	9	0	1
1140924	PPM	0	0	38	1	319	4	241	3	0	1	0	3	-2	4	-4	6	-5	6	-8	4	1	1	8	1	-6	4	37	10	0	1
1140925	PPM	0	0	44	1	243	3	399	5	0	1	0	3	-5	3	-13	5	8	6	-13	4	2	1	11	1	-15	4	61	10	-1	1
1140926	PPM	0	0	46	1	315	4	247	3	0	1	-3	3	-2	3	-9	6	-7	6	-3	4	4	1	11	1	-12	4	29	9	1	1
1140927	PPM	0	0	46	1	307	4	312	4	-1	1	3	3	-6	3	-4	6	-5	6	-3	4	2	1	10	1	-10	4	47	10	1	2
1140928	PPM	0	0	46	1	338	4	320	4	0	1	-5	3	2	4	2	6	-2	6	1	4	2	1	14	1	-10	4	42	10	1	1
1140929	PPM	-1	0	6	0	38	1	5	1	0	0	14	3	7	2	-27	4	10	4	-27	3	-5	1	6	1	-47	3	-12	5	-3	1
1140930	PPM	-1	0	8	0	38	1	7	1	0	0	8	3	7	2	-29	4	1	4	-18	3	-5	1	4	1	-50	3	-15	5	-2	1
1140931	PPM	-1	0	8	0	51	1	13	1	0	0	8	3	8	2	-34	4	7	4	-29	3	-5	1	4	1	-45	3	-15	5	-2	1
1140932	PPM	-2	0	5	0	38	1	3	1	0	1	13	3	10	2	-35	4	5	4	-28	3	-4	1	0	1	-66	3	-10	5	-3	1
1140933	PPM	-2	0	6	0	30	1	3	0	0	0	11	3	10	2	-35	4	5	4	-33	3	-4	1	11	1	-68	3	-23	5	-3	1
1140934	PPM	-1	0	5	0	46	1	2	1	1	1	13	3	7	3	-44	4	-1	4	-26	3	-4	1	7	1	-65	4	-9	6	-3	1
1140935	PPM	1	0	32	1	218	3	163	2	0	1	5	3	7	3	-17	5	-1	5	-18	3	0	1	11	1	-13	4	22	8	-1	1
1140936	PPM	0	0	45	1	327	4	243	3	0	1	-3	3	2	3	16	6	0	6	-2	4	2	1	12	1	-17	4	20	9	-1	1
1140937	PPM	0	0	31	1	209	3	393	5	1	1	-2	3	-1	3	5	5	-6	6	-13	4	4	1	13	1	-10	4	50	9	-1	1
1140938	PPM	0	0	42	1	294	4	249	4	2	1	-7	3	-1	3	-10	6	-10	6	-7	4	1	1	10	1	-11	4	43	10	-1	1
1140939	PPM	0	0	47	1	292	4	335	4	0	1	4	3	-6	3	-15	6	-7	6	-5	4	1	1	13	1	-15	4	27	9	-1	1
1140940	PPM	0	0	44	1	287	4	293	4	2	1	1	3	1	4	-2	6	-9	7	0	4	3	1	10	1	-21	4	41	10	1	1
1140941	PPM	0	0	45	1	255	3	325	4	-2	1	-4	3	-4	3	-10	6	-8	6	-2	4	3	1	13	1	-6	4	37	9	1	1
1140942	PPM	0	0	44	1	281	4	291	4	1	1	4	3	6	3	2	6	-2	6	-7	4	3	1	12	1	-20	4	47	10	-2	1
1140943	PPM	0	0	48	1	300	4	296	4	2	1	-1	3	-3	3	-5	6	-4	6	-8	4	2	1	11	1	-18	4	48	10	-1	1
1140944	PPM	0	0	45	1	345	4	146	2	0	1	-2	3	-4	3	4	6	0	6	-2	4	3	1	10	1	-11	4	44	9	-3	1
1140945	PPM	-1	0	44	1	307	4	288	4	0	1	-1	3	1	3	-3	6	1	6	-1	4	2	1	14	1	-12	4	47	9	-2	2
1140946	PPM	-1	0	54	1	311	4	308	4	0	1	-2	3	2	4	-7	6	-5	7	-2	4	3	1	12	1	-16	4	63	10	1	1
1140947	PPM	0	0	47	1	251	3	333	4	0	1	1	3	0	3	-10	5	-13	6	0	4	2	1	12	1	-10	4	44	9	-2	1
1140948	PPM	0	0	47	1	320	4	254	4	1	1	0	3	-1	3	-4	6	0	6	-1	4	1	1	11	1	-7	4	41	9	0	1
1140949	PPM	0	0	47	1	282	4	315	4	0	1	3	3	0	3	-6	5	-2	6	-6	4	2	1	10	1	-16	4	31	9	0	1
1140950	PPM	0	0	43	1	274	4	286	4	1	1	0	3	-8	3	-1	6	4	6	-9	4	2	1	11	1	-11	4	39	9	1	1
1140951	PPM	0	0	40	1	328	4	167	3	1	1	2	3	-7	3	1	6	-4	6	-4	4	2	1	11	1	-10	4	34	9	0	1
1140952	PPM	0	0	45	1	284	4	319	4	-1	1	1	3	1	3	-7	6	-18	6	-5	4	2	1	12	1	-14	4	38	9	-1	1
1140953	PPM	0	0	45	1	292	4	285	4	-1	1	-6	3	-2	3	-5	6	-8	6	-4	4	2	1	16	1	-19	4	38	9	-1	1
1140954	PPM	0	0	49	1	338	4	270	4	0	1	0	3	1	3	1	6	-4	6	-1	4	1	1	12	1	-20	4	34	10	1	1
1140955	PPM	-1	0	47	1	322	4	244	3	2	1	-2	3	1	3	2	6	10	6	0	4	3	1	11	1	-15	4	62	10	-2	1
1140956	PPM	0	0	45	1	330	4	118	2	0	1	0	3	0	3	-1	6	-8	6	-13	4	4	1	10	1	-9	4	31	9	1	1
1140957	PPM	0	0	41	1	325	4	98	2	-1	1	-2	3	1	3	-4	6	-3	6	1	4	1	1	9	1	-4	4	28	9	0	1
1140958	PPM	-1	0	44	1	290	4	194	3	1	1	-4	3	-3	3	3	5	-11	6	-1	4	0	1	8	1	-21	4	24	9	2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1140959	PPM	0	0	46	1	311	4	261	4	1	1	-2	3	3	3	-7	6	1	6	-9	4	4	1	10	1	-16	4	55	10	-1	1
1140960	PPM	0	0	46	1	285	4	318	4	2	1	0	3	1	3	3	6	-13	6	-2	4	3	1	12	1	-10	4	43	9	-2	1
1140961	PPM	0	0	43	1	293	4	266	4	0	1	-3	3	2	3	-24	6	-7	6	-8	4	2	1	9	1	-8	4	25	9	1	1
1140962	PPM	0	0	43	1	321	4	180	3	2	1	-6	3	-2	3	-3	6	-1	6	-8	4	4	1	9	1	-16	4	33	9	-2	1
1140964	PPM	0	0	43	1	332	4	190	3	0	1	1	3	-1	3	-9	5	-4	6	-7	4	2	1	8	1	-12	4	43	9	-2	1
1140965	PPM	0	0	37	1	315	4	149	2	1	1	1	3	-2	3	-10	5	2	6	-7	4	2	1	11	1	-9	4	21	9	1	2
1140966	PPM	0	0	39	1	316	5	170	3	2	1	-4	3	-3	4	4	6	-2	7	-1	4	2	1	7	1	-16	4	46	10	0	1
1140967	PPM	0	0	42	1	324	4	274	4	1	1	-2	3	-5	3	-7	6	-7	6	-7	4	1	1	10	1	-12	4	36	9	-4	1
1140968	PPM	0	0	41	1	312	4	264	4	-2	1	1	3	-2	3	-14	5	8	6	-12	4	1	1	8	1	-8	4	26	9	2	1
1140969	PPM	0	0	48	1	271	4	339	4	-1	1	-4	3	-2	4	1	6	11	6	-11	4	0	1	12	1	-12	4	52	10	1	1
1140970	PPM	1	0	51	1	290	4	332	4	-1	1	1	3	-1	3	-15	5	-1	6	-6	4	3	1	14	1	-21	4	46	9	-2	1
1140971	PPM	-1	0	46	1	361	5	207	3	-1	1	-1	3	-3	3	-3	6	0	6	-1	4	2	1	15	1	-16	4	37	10	0	1
1140972	PPM	-1	0	45	1	288	4	315	4	0	1	1	3	-5	3	-8	6	-1	6	-6	4	3	1	13	1	-14	4	61	10	-1	1
1140973	PPM	0	0	46	1	316	4	320	4	0	1	-2	3	-3	3	4	6	8	6	3	4	2	1	11	1	-15	4	49	10	1	1
1140974	PPM	0	0	45	1	319	4	400	5	2	1	-9	3	-3	3	-12	6	-1	6	-10	4	3	1	13	1	-16	4	54	10	1	1
1140975	PPM	0	0	13	0	80	1	18	1	-1	1	9	3	6	3	-31	4	9	4	-27	3	-4	1	47	1	-46	4	-7	6	-3	1
1140976	PPM	-1	0	43	1	333	4	264	4	1	1	0	3	-1	3	-2	6	-6	6	-3	4	2	1	12	1	-11	4	39	10	-1	1
1140977	PPM	0	0	41	1	256	3	400	5	0	1	0	3	3	3	-5	6	-3	6	-10	4	1	1	11	1	-22	4	42	10	-2	1
1140978	PPM	0	0	42	1	279	4	399	5	-1	1	0	3	-3	3	-5	5	-11	6	-3	4	2	1	12	1	-16	4	49	9	-1	3
1140979	PPM	0	0	44	1	332	4	309	4	0	1	0	3	4	3	-1	6	-1	6	0	4	1	1	11	1	-9	4	64	10	0	1
1140980	PPM	0	0	45	1	344	4	183	3	0	1	0	3	-1	3	-1	6	1	7	0	4	2	1	8	1	-12	4	45	10	-1	1
1140981	PPM	-1	0	44	1	303	4	378	5	-1	1	-2	3	-4	3	-4	6	-1	6	-2	4	2	1	12	1	-18	4	45	10	0	1
1140982	PPM	0	0	43	1	299	4	271	4	0	1	0	3	6	3	-1	5	-6	6	-3	4	-1	1	13	1	-17	4	56	9	-2	2
1140983	PPM	1	0	45	1	346	4	251	4	2	1	-4	3	-3	4	-6	6	-10	7	-3	4	2	1	11	1	-9	4	36	10	1	1
1140984	PPM	0	0	45	1	337	4	199	3	2	1	-1	3	-3	3	-7	6	-7	6	-3	4	2	1	10	1	-12	4	24	9	-1	1
1140985	PPM	0	0	46	1	274	4	345	4	1	1	0	3	0	3	-5	5	1	6	-11	4	1	1	15	1	-17	4	27	9	-1	1
1140986	PPM	0	0	47	1	289	4	364	5	1	1	-2	3	2	3	-3	6	8	6	-6	4	3	1	11	1	-16	4	48	10	-2	1
1140987	PPM	0	0	44	1	344	4	246	3	2	1	-5	3	-6	3	0	6	-5	6	-5	4	2	1	12	1	-15	4	51	10	-4	1
1140988	PPM	0	0	44	1	298	4	345	4	1	1	1	3	1	3	-10	6	2	6	1	4	0	1	10	1	-15	4	33	9	1	1
1140989	PPM	0	0	43	1	299	4	293	4	1	1	1	3	-2	3	-5	6	-3	6	-7	4	4	1	12	1	-15	4	30	9	-2	1
1140990	PPM	0	0	44	1	269	4	307	4	0	1	-1	3	5	3	-5	6	0	6	-4	4	3	1	10	1	-11	4	40	9	1	1
1140991	PPM	0	0	44	1	269	4	363	5	1	1	-3	3	1	3	-8	6	4	6	1	4	0	1	11	1	-18	4	51	10	-1	1
1140992	PPM	1	0	44	1	318	4	334	4	0	1	0	3	-3	3	5	6	1	6	-4	4	4	1	11	1	-9	4	57	10	1	1
1140993	PPM	0	0	44	1	285	4	312	4	0	1	0	3	-11	3	-1	6	1	6	-5	4	0	1	11	1	-20	4	37	10	2	1
1140994	PPM	0	0	47	1	320	4	362	5	-1	1	-6	3	-9	3	0	6	-1	6	-3	4	3	1	9	1	-14	4	46	10	1	1
1140995	PPM	0	0	47	1	312	4	371	5	1	1	4	3	1	3	-6	6	-3	6	-3	4	2	1	10	1	-16	4	53	10	-4	1
1140996	PPM	0	0	46	1	276	4	412	5	1	1	2	3	-3	3	-17	6	-8	6	-13	4	3	1	16	1	-17	4	49	10	0	1
1140997	PPM	0	0	44	1	302	4	364	5	1	1	3	3	0	3	-13	6	-12	6	-8	4	3	1	12	1	-14	4	52	10	0	1
1140998	PPM	0	0	46	1	302	4	358	5	0	1	-4	3	-1	3	-3	6	4	6	-4	4	2	1	13	1	-9	4	36	9	0	1
1140999	PPM	0	0	47	1	320	4	365	5	0	1	-4	3	-1	4	-4	6	-3	7	-9	4	2	1	11	1	-7	4	67	10	1	1
1141000	PPM	1	0	47	1	326	4	303	4	1	1	0	3	-4	3	2	6	0	6	-8	4	2	1	9	1	-12	4	41	10	0	1
1141001	PPM	0	0	50	1	339	4	225	3	1	1	-4	3	2	3	-12	6	-16	6	-11	4	4	1	12	1	-10	4	52	9	0	1
1141002	PPM	1	0	41	1	257	3	350	4	0	1	-2	3	-6	3	0	5	-5	6	-13	4	2	1	10	1	-4	4	52	9	0	1
1141003	PPM	0	0	43	1	316	4	177	3	2	1	-4	3	-3	3	1	6	-5	6	-4	4	3	1	10	1	-19	4	19	9	-2	1
1141004	PPM	0	0	41	1	301	4	158	3	-1	1	-7	3	1	3	-8	6	2	6	-7	4	3	1	9	1	-15	4	34	9	0	1
1141005	PPM	0	0	5	0	56	1	9	1	-1	1	10	3	14	2	-34	4	5	4	-25	3	-4	1	1	1	-50	3	-5	6	-2	1
1141006	PPM	0	0	42	1	310	4	146	2	1	1	-2	3	0	3	-2	6	-9	6	-5	4	3	1	10	1	-17	4	44	9	-1	1
1141007	PPM	0	0	46	1	338	4	84	2	2	1	-4	3	-3	3	-2	6	-16	6	-4	4	2	1	9	1	-10	4	19	9	-2	1
1141008	PPM	0	0	43	1	314	4	79	2	0	1	-2	3	-8	3	-4	6	-6	6	-6	4	2	1	10	1	-11	4	35	9	-2	1
1141009	PPM	0	0	43	1	315	4	216	3	0	1	-3	3	0	3	-4	6	-11	6	-3	4	2	1	10	1	-9	4	45	9	-1	1
1141010	PPM	0	0	39	1	337	4	130	2	2	1	-3	3	-6	3	-4	6	-3	6	-5	4	2	1	7	1	-12	4	27	9	-2	1
1141011	PPM	0	0	43	1	334	4	97	2	1	1	0	3	-2	4	1	6	-14	7	1	4	2	1	8	1	-12	4	17	9	0	1
1141012	PPM	2	0	35	1	273	4	179	3	3	1	-4	3	-3	3	-7	5	6	6	-17	4	1	1	8	1	-19	4	51	9	1	1
1141014	PPM	0	0	44	1	326	4	236	3	0	1	2	3	-2	3	-13	5	5	6	-9	4	1	1	10	1	-17	4	27	9	0	1
1141015	PPM	1	0	46	1	298	4	276	4	1	1	-5	3	-6	4	-12	6	-2	6	-5	4	1	1	11	1	-21	4	38	10	3	1
1141016	PPM	4	0	11	0	55	1	26	1	2	1	7	3	9	3	-38	4	9	4	-23	3	-4	1	1	1	-51	4	-6	6	1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141017	PPM	0	0	8	0	37	1	5	1	1	1	9	3	13	3	-34	4	4	4	-22	3	-6	1	3	1	-67	4	-8	6	-1	1
1141022	PPM	1	0	43	1	334	4	255	4	4	1	3	3	-8	4	-8	6	-4	6	-9	4	2	1	10	1	-13	4	41	10	1	1
1141023	PPM	0	0	48	1	294	4	396	5	1	1	-3	3	-5	4	2	6	5	6	-6	4	2	1	13	1	-17	4	53	10	2	1
1141024	PPM	0	0	40	1	224	3	367	5	-1	1	-4	3	1	3	-11	5	-3	6	-4	4	3	1	11	1	-14	4	40	9	2	1
1141025	PPM	0	0	41	1	282	4	307	4	-1	1	0	3	0	3	-14	6	-11	6	-5	4	1	1	13	1	-15	4	22	9	2	1
1141026	PPM	0	0	43	1	317	4	318	4	3	1	-1	3	-2	3	-7	6	-6	6	-4	4	2	1	11	1	-5	4	43	9	0	1
1141027	PPM	1	0	8	0	55	1	16	1	-1	1	11	3	7	3	-34	4	6	4	-23	3	-5	1	0	1	-51	4	-5	6	-2	1
1141028	PPM	0	0	44	1	259	3	440	5	1	1	-4	3	1	3	1	5	-13	6	-2	4	4	1	14	1	-8	4	36	9	3	1
1141029	PPM	-2	0	6	0	37	1	5	1	0	1	11	3	7	3	-35	4	4	4	-21	3	-6	1	2	1	-59	4	-3	6	-3	1
1141030	PPM	-1	0	6	1	28	1	3	1	1	1	10	3	4	3	-37	5	12	5	-30	4	-4	1	28	1	-74	5	-8	7	-3	1
1141031	PPM	-1	0	6	0	37	1	5	1	0	1	15	3	12	3	-42	4	5	4	-26	3	-6	1	0	1	-71	4	-14	6	-2	1
1141032	PPM	0	0	43	1	295	4	162	2	1	1	3	3	-6	3	-7	5	-10	6	-5	4	0	1	8	1	-3	4	26	9	2	1
1141033	PPM	0	0	37	1	256	3	325	4	-1	1	-3	3	-5	3	0	5	-9	6	-6	4	2	1	23	1	-19	4	33	9	1	1
1141034	PPM	0	0	44	1	299	4	311	4	0	1	1	3	8	3	3	6	-8	6	-4	4	3	1	9	1	-11	4	24	9	0	1
1141035	PPM	0	0	42	1	264	3	124	2	-1	1	3	3	-1	3	-15	5	-6	6	-6	3	1	1	11	1	-1	4	20	8	1	1
1141036	PPM	1	0	43	1	278	4	212	3	0	1	4	3	-1	3	-4	5	-10	6	-10	4	2	1	11	1	1	4	26	9	1	1
1141037	PPM	0	0	40	1	293	4	151	2	1	1	-3	3	0	3	-20	5	-14	6	-3	4	1	1	12	1	-13	4	26	9	-2	2
1141038	PPM	0	0	48	1	342	5	246	4	3	1	-1	3	-2	4	-9	6	-5	7	-4	4	4	1	12	1	-31	4	52	11	0	1
1141039	PPM	0	0	45	1	327	4	330	4	0	1	-1	3	-3	4	-7	6	-6	7	2	4	2	1	10	1	-18	4	53	10	1	1
1141040	PPM	-2	0	7	0	45	1	11	1	0	1	15	3	10	2	-35	4	2	4	-22	3	-5	1	4	1	-65	4	-12	5	-3	1
1141041	PPM	-1	0	46	1	312	4	233	3	1	1	2	3	5	3	-10	6	1	6	2	4	1	1	11	1	-14	4	19	9	-1	1
1141042	PPM	1	0	45	1	287	4	357	5	0	1	-1	3	-1	3	-1	6	-2	6	-10	4	1	1	10	1	-6	4	35	9	1	1
1141043	PPM	0	0	46	1	333	4	352	5	4	1	-5	3	-2	3	5	6	7	6	-4	4	2	1	9	1	-14	4	41	10	-2	1
1141044	PPM	-1	0	16	1	99	2	57	1	0	1	10	3	7	3	-30	4	2	5	-21	3	-3	1	7	1	-39	4	14	7	0	2
1141045	PPM	0	0	48	1	356	5	362	5	0	1	-3	3	-2	4	-6	6	-8	7	-1	4	2	1	10	1	-2	4	41	10	-1	2
1141046	PPM	0	0	48	1	338	4	361	5	1	1	-1	3	-4	3	-3	6	-1	6	-11	4	3	1	11	1	-25	4	40	10	2	2
1141047	PPM	0	0	47	1	351	5	229	3	2	1	1	3	1	4	7	6	-7	7	-2	4	2	1	10	1	-14	4	29	10	1	1
1141048	PPM	-1	0	45	1	340	4	247	3	0	1	-4	3	1	3	-7	6	-4	6	-3	4	2	1	9	1	-7	4	21	9	0	1
1141049	PPM	0	0	43	1	291	4	456	5	-1	1	-3	3	1	3	-4	5	-15	6	-9	4	2	1	11	1	-8	4	44	9	0	1
1141050	PPM	-1	0	47	1	300	4	329	4	-2	1	-4	3	-3	3	9	5	-6	6	-6	4	3	1	11	1	-14	4	30	9	2	1
1141051	PPM	1	0	48	1	317	4	223	3	1	1	-5	3	1	3	4	6	-3	6	0	4	1	1	10	1	-7	4	72	10	0	1
1141052	PPM	0	0	45	1	337	4	144	2	2	1	-1	3	-2	3	8	6	6	6	-2	4	3	1	9	1	-10	4	35	9	1	1
1141053	PPM	0	0	43	1	284	4	242	3	1	1	-4	3	5	3	-6	6	-7	6	-9	4	2	1	16	1	-13	4	27	9	1	1
1141054	PPM	0	0	44	1	304	4	217	3	2	1	0	3	-2	4	8	6	-13	7	-1	4	2	1	13	1	-14	4	55	10	-2	1
1141055	PPM	0	0	45	1	314	4	197	3	0	1	1	3	-4	4	5	6	-5	7	-4	4	3	1	10	1	-14	4	26	9	2	1
1141056	PPM	1	0	44	1	301	4	243	3	1	1	-5	3	-4	3	2	6	-1	6	-12	4	3	1	9	1	-2	4	33	9	1	1
1141057	PPM	0	0	46	1	314	4	223	3	0	1	-7	3	-6	3	2	6	-9	6	3	4	1	1	12	1	-10	4	35	9	3	1
1141058	PPM	0	0	46	1	330	4	165	3	1	1	-4	3	3	4	5	6	-2	7	2	4	3	1	8	1	-5	4	38	9	-2	1
1141059	PPM	0	0	42	1	333	4	269	4	1	1	3	3	7	4	-1	6	-15	6	-1	4	2	1	10	1	-5	4	44	10	0	2
1141060	PPM	0	0	47	1	341	4	246	4	2	1	-3	3	-1	4	4	6	0	7	0	4	4	1	10	1	-7	4	30	10	2	1
1141061	PPM	0	0	45	1	316	4	184	3	-1	1	-6	3	0	3	5	6	-6	6	-1	4	2	1	11	1	0	4	19	9	3	1
1141062	PPM	0	0	45	1	299	4	208	3	1	1	-7	3	-9	3	-7	6	-19	6	-2	4	1	1	11	1	-12	4	21	9	0	1
1141063	PPM	0	0	45	1	323	4	177	3	2	1	-2	3	-3	4	-3	6	-10	7	5	4	3	1	10	1	-14	4	34	9	0	1
1141064	PPM	-1	0	47	1	316	4	192	3	2	1	0	3	2	3	0	6	-7	6	-4	4	1	1	10	1	-10	4	30	9	-2	1
1141065	PPM	0	0	44	1	311	4	230	3	1	1	1	3	-6	3	9	6	-14	6	5	4	2	1	10	1	-3	4	46	10	0	1
1141066	PPM	0	0	43	1	292	4	313	4	1	1	2	3	6	3	-5	6	-9	6	-6	4	3	1	10	1	-20	4	40	9	1	1
1141067	PPM	1	0	41	1	311	4	230	3	2	1	-4	3	-3	4	-7	6	-8	7	0	4	2	1	10	1	-14	4	55	10	-1	1
1141068	PPM	0	0	46	1	316	4	233	3	2	1	1	3	-4	4	-4	6	-5	7	-4	4	2	1	10	1	-8	4	34	9	-2	1
1141069	PPM	0	0	46	1	296	4	246	3	0	1	-9	3	-7	3	2	6	-10	6	-7	4	4	1	10	1	-11	4	32	9	3	1
1141070	PPM	0	0	47	1	301	4	238	3	2	1	-3	3	-5	3	-7	6	-7	6	-9	4	2	1	12	1	-12	4	44	9	-1	1
1141071	PPM	-1	0	46	1	308	4	264	4	1	1	-1	3	1	3	-8	6	-11	6	5	4	2	1	11	1	-14	4	44	10	1	1
1141072	PPM	0	0	43	1	312	4	145	2	2	1	-5	3	0	3	-7	6	-7	6	-3	4	1	1	10	1	-12	4	36	9	1	1
1141073	PPM	0	0	45	1	299	4	242	3	2	1	-2	3	5	4	-4	6	-2	6	-4	4	1	1	11	1	-16	4	42	10	-2	1
1141075	PPM	0	0	44	1	297	4	208	3	0	1	0	3	-4	4	0	6	0	6	-3	4	2	1	12	1	-18	4	41	9	1	1
1141076	PPM	0	0	45	1	319	4	161	3	2	1	-2	3	2	3	2	6	-2	6	-5	4	3	1	10	1	-11	4	25	9	-1	2
1141077	PPM	0	0	48	1	305	4	208	3	2	1	5	3	0	4	-7	6	0	7	-1	4	1	1	11	1	-28	4	47	10	3	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141078	PPM	0	0	46	1	320	4	208	3	1	1	-4	3	-6	3	-12	6	-6	6	0	4	1	1	13	1	-19	4	41	9	1	2
1141079	PPM	0	0	45	1	317	4	189	3	2	1	-1	3	-5	4	2	6	1	7	-6	4	3	1	9	1	-10	4	23	9	3	1
1141080	PPM	1	0	46	1	310	4	256	4	0	1	1	3	-4	4	-6	6	-3	7	-5	4	3	1	10	1	-3	4	28	9	0	1
1141081	PPM	0	0	49	1	298	4	251	3	1	1	-8	3	-5	3	-2	6	-2	6	-4	4	2	1	11	1	-9	4	38	9	1	1
1141082	PPM	0	0	44	1	302	4	228	3	0	1	-2	3	-5	3	-8	6	-1	6	-11	4	4	1	11	1	-18	4	30	9	0	1
1141083	PPM	0	0	47	1	311	4	146	2	1	1	0	3	-2	3	-6	6	2	6	-2	4	2	1	11	1	-10	4	27	9	0	1
1141084	PPM	0	0	47	1	302	4	248	3	0	1	-5	3	3	3	-5	6	12	6	-6	4	2	1	11	1	-5	4	31	9	1	1
1141085	PPM	0	0	44	1	298	4	174	3	1	1	-1	3	6	3	-1	5	-8	6	-5	4	2	1	12	1	-1	4	20	9	1	1
1141086	PPM	0	0	44	1	304	4	176	3	2	1	-2	3	-6	4	3	6	2	6	-2	4	1	1	11	1	-7	4	27	9	0	1
1141087	PPM	-1	0	46	1	313	4	229	3	0	1	-1	3	-5	3	3	6	0	6	-3	4	2	1	11	1	-12	4	35	9	0	1
1141088	PPM	0	0	44	1	302	4	229	3	1	1	-4	3	-3	3	-11	6	-6	6	-7	4	1	1	11	1	-14	4	35	9	1	1
1141089	PPM	0	0	44	1	281	4	217	3	1	1	-2	3	-4	3	-1	5	-5	6	-7	4	2	1	11	1	-12	4	28	9	0	1
1141090	PPM	0	0	42	1	303	4	185	3	3	1	-2	3	-6	4	-6	6	-15	7	5	4	2	1	10	1	-14	4	36	9	0	1
1141091	PPM	0	0	44	1	325	4	154	3	1	1	-6	3	-1	3	-6	6	-8	6	-10	4	1	1	9	1	-17	4	43	9	2	1
1141092	PPM	0	0	43	1	324	4	142	2	0	1	-1	3	0	3	-8	6	-2	6	-3	4	1	1	10	1	-8	4	21	9	0	1
1141093	PPM	0	0	46	1	307	4	307	4	0	1	-1	3	0	3	-3	6	3	6	-7	4	3	1	11	1	-11	4	27	9	3	1
1141094	PPM	0	0	47	1	316	4	158	3	2	1	-6	3	-1	4	-11	6	-9	7	1	4	1	1	12	1	-9	4	36	9	1	1
1141151	PPM	0	0	47	1	264	4	332	4	1	1	-4	3	-4	4	-6	6	-6	6	-6	4	3	1	13	1	-6	4	17	9	3	1
1141152	PPM	0	0	51	1	329	4	311	4	1	1	-4	3	-2	3	-7	6	-6	6	-2	4	3	1	11	1	-13	4	22	9	1	1
1141153	PPM	1	0	42	1	272	4	270	4	2	1	1	3	-2	4	3	6	-12	6	-7	4	2	1	10	1	-12	4	47	10	-1	1
1141154	PPM	0	0	46	1	339	4	342	4	3	1	-3	3	-4	3	-1	6	6	6	-8	4	2	1	9	1	-12	4	32	10	1	1
1141155	PPM	-1	0	7	0	49	1	11	1	0	0	7	3	6	2	-40	3	3	4	-23	3	-7	1	1	1	-52	3	-15	5	-2	1
1141156	PPM	-1	0	8	0	41	1	13	1	0	1	11	3	7	2	-40	4	0	4	-26	3	-5	1	2	1	-52	3	-16	5	-3	1
1141157	PPM	0	0	48	1	335	4	268	4	0	1	1	3	3	3	0	6	-3	6	-3	4	2	1	10	1	-20	4	40	10	2	1
1141158	PPM	0	0	48	1	293	4	346	5	2	1	-2	3	-2	4	-9	6	-7	6	-2	4	1	1	11	1	-17	4	44	10	0	1
1141159	PPM	0	0	42	1	306	4	258	4	0	1	-2	3	-2	4	2	6	-6	6	-6	4	3	1	11	1	-12	4	32	9	0	1
1141160	PPM	1	0	45	1	302	4	341	4	0	1	-1	3	0	3	-4	6	-2	6	-5	4	2	1	10	1	-14	4	54	10	0	1
1141161	PPM	1	0	44	1	329	4	328	4	2	1	-5	3	-7	3	0	6	-4	6	0	4	2	1	10	1	-18	4	41	10	-2	1
1141162	PPM	0	0	44	1	319	4	182	3	1	1	-3	3	-3	3	1	6	-6	6	-5	4	3	1	9	1	-12	4	36	9	2	1
1141163	PPM	0	0	46	1	333	4	140	2	1	1	0	3	2	3	-3	6	-7	6	0	4	1	1	10	1	-6	4	31	9	1	1
1141164	PPM	0	0	36	1	277	4	297	4	1	1	2	3	2	3	-13	5	-2	6	-12	4	2	1	9	1	-11	4	26	9	1	1
1141165	PPM	-1	0	7	0	39	1	1	1	-1	1	14	3	10	3	-40	4	7	4	-28	3	-5	1	1	1	-62	4	-18	6	-1	1
1141166	PPM	-1	0	8	0	54	1	8	1	1	1	9	3	7	3	-34	4	13	4	-28	3	-5	1	2	1	-67	4	-9	6	-2	1
1141167	PPM	-2	0	5	0	21	1	4	0	0	0	12	3	10	2	-39	3	6	4	-26	3	-5	1	4	1	-64	3	-20	5	-3	1
1141202	PPM	0	0	39	1	272	4	211	3	0	1	-5	3	-5	3	-6	6	-23	6	-5	4	2	1	10	1	-10	4	32	9	0	1
1141203	PPM	-1	0	7	1	15	1	4	1	1	1	12	3	11	3	-31	4	6	5	-33	3	-6	1	32	1	-66	4	-24	6	-3	1
1141204	PPM	-2	0	5	0	20	1	5	1	0	0	12	3	6	2	-37	4	4	4	-32	3	-5	1	21	1	-71	3	-15	5	-2	1
1141205	PPM	0	0	45	1	293	4	201	3	2	1	-4	3	-4	3	-14	5	-2	6	-7	4	2	1	9	1	-8	4	44	9	1	1
1141206	PPM	-1	0	7	0	17	1	6	1	0	1	11	3	13	3	-35	4	1	4	-25	3	-5	1	6	1	-64	4	-16	6	-3	1
1141207	PPM	-1	1	6	1	18	1	4	1	4	1	22	3	12	5	-34	7	8	8	-33	5	-5	1	8	2	-84	7	-1	11	-4	1
1141208	PPM	-1	0	8	1	17	1	5	1	3	1	12	3	11	4	-51	6	10	6	-32	4	-4	1	8	1	-81	6	-18	8	-4	1
1141209	PPM	-2	0	6	0	12	1	6	1	-1	1	9	3	10	3	-37	4	6	4	-26	3	-5	1	3	1	-67	4	-14	5	-3	1
1141210	PPM	-2	0	5	1	13	1	3	1	2	1	18	3	17	4	-36	6	2	6	-28	4	-6	1	9	1	-74	5	-9	8	-4	1
1141211	PPM	-2	0	6	0	10	1	3	1	0	1	8	3	8	3	-44	4	11	4	-26	3	-5	1	9	1	-58	4	-7	6	-3	1
1141212	PPM	-1	0	8	0	33	1	15	1	0	1	8	3	3	3	-35	4	1	4	-26	3	-5	1	0	1	-50	4	-2	6	0	1
1141213	PPM	0	0	32	1	276	4	75	2	2	1	-5	3	-6	3	2	6	7	6	-9	4	1	1	9	1	-23	4	28	9	0	1
1141214	PPM	-1	0	52	1	309	4	197	3	0	1	1	3	-6	3	-27	5	-5	6	-9	4	1	1	9	1	-38	4	45	10	-1	1
1141215	PPM	-2	0	10	1	25	1	6	1	1	1	11	3	11	3	-41	5	18	6	-24	4	-5	1	11	1	-79	5	-14	8	-2	1
1141216	PPM	-1	0	7	1	18	1	6	1	1	1	12	3	4	3	-40	5	5	5	-30	4	-4	1	14	1	-78	5	-17	7	-4	1
1141217	PPM	-2	0	7	1	20	1	7	1	1	1	12	3	8	3	-43	5	15	5	-30	3	-4	1	7	1	-73	4	-21	6	-2	1
1141218	PPM	-2	0	7	1	13	1	7	1	1	1	11	3	10	3	-42	5	11	5	-27	3	-6	1	8	1	-69	4	-20	6	-3	1
1141219	PPM	-2	0	6	1	14	1	5	1	1	1	12	3	8	3	-43	5	1	5	-25	3	-5	1	9	1	-68	4	-10	7	-4	1
1141220	PPM	-2	0	6	0	14	1	4	1	0	1	14	3	11	3	-40	4	1	5	-29	3	-6	1	2	1	-76	4	-13	6	-3	1
1141221	PPM	-2	1	7	1	15	1	1	1	4	1	15	3	8	5	-36	7	3	7	-27	5	-6	1	13	2	-85	6	0	10	-4	1
1141222	PPM	-1	0	6	0	15	1	7	1	1	1	7	3	6	3	-35	4	-1	5	-26	3	-6	1	5	1	-63	4	-11	6	-4	1
1141223	PPM	-2	0	6	0	14	1	4	1	-1	1	13	3	10	2	-33	4	9	4	-29	3	-6	1	6	1	-59	4	-14	5	-3	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141224	PPM	-2	0	6	0	14	1	9	1	1	1	13	3	11	3	-42	4	5	5	-25	3	-5	1	5	1	-58	4	-15	6	-3	1
1141225	PPM	0	0	45	1	314	4	263	4	2	1	-2	3	-3	3	1	6	-12	6	-7	4	3	1	10	1	-8	4	27	9	2	1
1141226	PPM	-2	0	10	1	29	1	9	1	2	1	15	3	3	3	-38	5	1	5	-35	3	-5	1	9	1	-82	5	-6	7	-2	1
1141227	PPM	-2	0	7	0	14	1	6	1	0	1	12	3	8	2	-47	4	8	4	-23	3	-6	1	6	1	-72	4	-10	5	-3	1
1141228	PPM	-2	0	7	0	12	1	4	1	1	1	12	3	7	3	-31	4	8	5	-26	3	-5	1	7	1	-78	4	-16	6	-3	1
1141229	PPM	-2	0	7	1	14	1	4	1	2	1	13	3	19	4	-44	6	1	6	-34	4	-4	1	4	1	-65	6	-26	8	-4	1
1141230	PPM	-2	0	7	0	12	1	5	1	0	1	8	3	6	3	-44	4	6	5	-27	3	-4	1	8	1	-82	4	-5	6	-4	1
1141231	PPM	-2	0	7	0	15	1	5	1	1	1	7	3	4	3	-31	4	4	5	-31	3	-4	1	3	1	-90	4	-9	6	-2	1
1141232	PPM	-2	0	8	1	13	1	3	1	1	1	17	3	10	3	-35	5	4	5	-32	3	-4	1	23	1	-71	4	2	7	-3	1
1141233	PPM	-2	0	8	1	16	1	5	1	2	1	18	3	13	4	-38	5	1	6	-29	4	-5	1	8	1	-76	5	-14	8	-1	1
1141234	PPM	-2	0	7	0	20	1	5	1	0	1	12	3	6	3	-43	4	2	4	-29	3	-5	1	4	1	-64	4	-17	5	-3	1
1141235	PPM	-1	0	6	1	21	1	9	1	1	1	12	3	2	3	-45	5	6	6	-25	4	-5	1	9	1	-67	5	-28	7	-3	1
1141236	PPM	-1	0	15	1	82	2	28	1	0	1	12	3	4	3	-36	4	0	5	-26	3	-4	1	16	1	-59	4	2	7	-2	1
1141237	PPM	0	0	40	1	296	4	202	3	1	1	-1	3	3	4	-11	6	7	6	-7	4	1	1	11	1	-28	4	40	9	0	1
1141238	PPM	0	0	43	1	328	4	177	3	0	1	0	3	5	3	-2	6	-5	6	-11	4	3	1	8	1	-22	4	31	9	1	1
1141239	PPM	-1	0	5	0	14	1	18	1	0	0	10	3	7	2	-39	3	2	4	-27	3	-6	1	-1	1	-66	3	-6	5	-2	1
1141240	PPM	-2	0	7	0	9	1	4	1	0	1	15	3	5	3	-35	4	13	4	-30	3	-5	1	1	1	-67	4	-14	6	-3	1
1141241	PPM	-2	0	6	0	11	1	3	1	0	1	13	3	11	3	-31	4	11	4	-31	3	-4	1	7	1	-63	4	-15	6	-3	1
1141242	PPM	-2	0	6	0	13	1	3	1	0	1	14	3	11	3	-39	4	5	5	-34	3	-5	1	6	1	-80	4	-9	6	-3	1
1141243	PPM	-2	0	6	0	17	1	3	0	0	1	8	3	9	2	-42	4	7	4	-26	3	-6	1	1	1	-73	4	-19	5	-3	1
1141244	PPM	-2	0	7	0	14	1	4	0	0	1	10	3	7	2	-43	4	9	4	-28	3	-5	1	3	1	-68	4	-13	5	-3	1
1141245	PPM	-1	0	6	0	14	1	4	1	0	1	6	3	9	2	-39	4	14	4	-28	3	-6	1	4	1	-60	4	-18	5	-4	1
1141246	PPM	-2	0	5	0	18	1	3	1	1	1	9	3	8	2	-40	4	-1	4	-29	3	-5	1	1	1	-67	4	-11	5	-3	1
1141247	PPM	-2	0	6	0	18	1	4	1	0	1	12	3	9	2	-40	4	4	4	-28	3	-5	1	1	1	-71	4	-10	5	-3	1
1141248	PPM	-2	0	4	0	30	1	2	1	-1	1	10	3	10	2	-33	4	4	4	-29	3	-6	1	2	1	-72	4	-11	5	-2	1
1141249	PPM	-1	0	5	0	25	1	3	1	0	1	8	3	10	2	-40	4	3	4	-32	3	-6	1	9	1	-58	4	-28	5	-2	1
1141250	PPM	-2	0	5	0	31	1	4	1	0	0	15	3	12	2	-39	4	6	4	-30	3	-5	1	0	1	-62	3	-16	5	-3	1
1141251	PPM	1	0	44	1	312	4	142	2	1	1	0	3	-3	3	-1	6	-12	6	-3	4	2	1	9	1	-12	4	27	9	-2	1
1141252	PPM	1	0	43	1	303	4	178	3	0	1	-3	3	0	3	10	6	-11	6	-12	4	2	1	10	1	-6	4	32	9	1	1
1141353	PPM	0	0	43	1	303	4	235	3	2	1	2	3	-5	3	-3	6	-9	6	0	4	2	1	10	1	-6	4	34	9	1	1
1141354	PPM	0	0	45	1	264	3	296	4	-1	1	-5	3	-8	3	-7	5	6	6	-12	4	1	1	10	1	-12	4	30	9	1	1
1141355	PPM	0	0	43	1	301	4	237	3	-1	1	-4	3	-6	3	1	6	-24	6	-9	4	1	1	12	1	-1	4	25	9	4	1
1141356	PPM	0	0	43	1	321	4	120	2	0	1	0	3	-2	3	-4	6	-13	6	-5	4	1	1	10	1	1	4	28	9	1	1
1141357	PPM	0	0	44	1	322	4	146	2	2	1	-8	3	-2	3	10	6	-4	6	-11	4	4	1	8	1	-17	4	32	9	0	1
1141358	PPM	0	0	45	1	300	4	268	4	-1	1	-3	3	0	3	-10	5	-2	6	-4	4	2	1	10	1	-10	4	24	9	2	1
1141359	PPM	0	0	41	1	300	4	264	4	0	1	-3	3	-3	3	0	6	1	6	-4	4	1	1	9	1	-2	4	22	9	-1	1
1141360	PPM	0	0	45	1	312	4	163	3	0	1	0	3	-4	3	-3	6	-11	6	-1	4	2	1	9	1	-6	4	17	9	-3	1
1141361	PPM	0	0	46	1	295	4	181	3	1	1	-4	3	-1	3	5	6	-5	6	-5	4	2	1	10	1	-8	4	39	9	0	1
1141362	PPM	0	0	45	1	317	4	197	3	1	1	-7	3	4	3	-1	6	-12	6	-4	4	2	1	9	1	-8	4	46	9	2	1
1141364	PPM	0	0	43	1	300	4	216	3	0	1	-2	3	0	3	-24	5	1	6	-7	4	4	1	10	1	-14	4	30	9	-2	1
1141365	PPM	0	0	43	1	313	4	274	4	-1	1	-6	3	4	3	-4	5	-10	6	-2	4	2	1	10	1	-8	4	32	9	0	1
1141366	PPM	0	0	42	1	292	4	201	3	0	1	3	3	-1	3	-3	5	-2	6	-2	4	2	1	10	1	-8	4	23	9	0	1
1141367	PPM	0	0	42	1	293	4	185	3	2	1	-3	3	-4	3	-4	5	7	6	-4	4	0	1	6	1	-8	4	39	9	0	1
1141368	PPM	0	0	42	1	273	3	213	3	-1	1	-7	3	-6	3	-9	5	-11	6	-8	4	3	1	9	1	-11	4	21	8	2	1
1141369	PPM	0	0	41	1	266	3	250	3	2	1	-2	3	-2	3	-3	5	6	6	-1	4	0	1	8	1	-11	4	27	9	-2	1
1141370	PPM	0	0	45	1	288	4	169	3	1	1	-3	3	3	3	-21	5	-6	6	-10	4	1	1	9	1	-5	4	11	8	-1	1
1141371	PPM	0	0	42	1	255	3	228	3	0	1	-2	3	3	3	-2	5	2	6	-14	3	3	1	11	1	-10	4	41	9	-2	1
1141372	PPM	0	0	45	1	308	4	213	3	1	1	-4	3	-4	3	4	6	5	6	1	4	3	1	10	1	-16	4	25	9	-1	1
1141373	PPM	0	0	44	1	323	4	205	3	0	1	-2	3	-3	3	-11	6	-1	6	-7	4	0	1	10	1	-13	4	25	9	1	1
1141374	PPM	0	0	44	1	301	4	277	4	1	1	1	3	-2	3	-13	6	-12	6	-6	4	2	1	10	1	-8	4	24	9	1	1
1141375	PPM	0	0	47	1	315	4	227	3	1	1	-2	3	-1	3	3	6	-12	6	-10	4	3	1	11	1	-14	4	31	9	0	1
1141378	PPM	0	0	43	1	325	4	189	3	3	1	3	3	0	3	-6	6	-10	6	-5	4	3	1	10	1	-3	4	26	9	0	1
1141379	PPM	0	0	41	1	313	4	199	3	1	1	-2	3	-1	3	0	6	-11	6	0	4	1	1	10	1	-12	4	48	9	-3	1
1141380	PPM	0	0	44	1	334	4	134	2	0	1	-7	3	-7	3	-5	6	-6	6	-4	4	1	1	10	1	-7	4	23	9	0	1
1141401	PPM	-1	0	7	0	37	1	6	1	-1	0	12	3	9	2	-33	4	6	4	-23	3	-5	1	1	1	-54	3	-25	5	-2	1
1141402	PPM	-1	0	6	0	40	1	1	1	1	1	3	3	5	3	-40	4	3	4	-25	3	-5	1	1	1	-62	4	-10	6	-3	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141403	PPM	-1	0	9	0	40	1	6	1	-1	1	13	3	10	3	-44	4	2	4	-17	3	-6	1	1	1	-66	4	-17	6	-2	1
1141404	PPM	-1	0	9	0	39	1	6	1	0	1	11	3	4	3	-34	4	10	4	-25	3	-4	1	5	1	-55	4	-12	5	-3	1
1141405	PPM	-2	0	7	0	36	1	4	1	-1	1	11	3	6	2	-39	4	8	4	-27	3	-5	1	3	1	-56	4	-16	5	-3	1
1141406	PPM	-1	0	9	0	47	1	6	1	1	1	7	3	4	3	-28	4	16	4	-23	3	-4	1	4	1	-56	4	-19	6	-3	1
1141407	PPM	-1	0	7	0	40	1	5	1	0	1	7	3	8	3	-38	4	8	4	-25	3	-5	1	3	1	-50	4	-15	5	-3	1
1141408	PPM	0	0	49	1	265	4	327	4	0	1	3	3	10	3	-11	5	1	6	-8	4	2	1	13	1	-22	4	55	9	2	1
1141409	PPM	0	0	43	1	245	3	386	5	0	1	-2	3	1	3	-21	6	-9	6	-8	4	2	1	13	1	-13	4	67	10	1	1
1141410	PPM	0	0	49	1	286	4	449	5	2	1	-3	3	0	3	-17	6	-6	6	-9	4	1	1	11	1	-13	4	51	10	1	1
1141411	PPM	0	0	40	1	201	3	413	5	1	1	-1	3	-5	3	-4	5	-1	6	-7	4	2	1	13	1	-20	4	70	10	0	1
1141412	PPM	0	0	47	1	298	4	341	4	1	1	-8	3	-7	3	-3	6	9	6	-7	4	4	1	17	1	-15	4	36	10	0	1
1141413	PPM	0	0	40	1	217	3	246	4	1	1	-8	3	-5	4	-12	6	-6	6	-15	4	3	1	12	1	-15	4	28	9	0	1
1141414	PPM	0	0	43	1	231	3	343	5	0	1	-4	3	1	3	-14	6	-9	6	-6	4	1	1	11	1	-21	4	36	9	0	1
1141415	PPM	0	0	45	1	263	4	305	4	0	1	-1	3	0	3	-6	5	-9	6	-3	4	1	1	13	1	-14	4	43	9	1	1
1141416	PPM	1	0	39	1	172	3	420	5	0	1	3	3	5	3	-10	6	-4	6	-13	4	3	1	14	1	-22	4	53	9	0	1
1141417	PPM	0	0	34	1	140	2	319	4	1	1	-2	3	-1	3	-13	5	-4	6	-14	4	3	1	16	1	-18	4	26	8	0	1
1141418	PPM	0	0	44	1	268	4	353	5	-2	1	1	3	3	3	-1	6	-13	6	-4	4	1	1	12	1	-14	4	30	9	2	1
1141419	PPM	0	0	44	1	281	4	315	4	0	1	0	3	3	3	-9	5	3	6	-9	4	2	1	10	1	-14	4	51	9	-1	1
1141420	PPM	-1	0	8	0	55	1	10	1	0	1	9	3	7	3	-33	4	6	4	-19	3	-4	1	2	1	-58	4	-17	6	-2	1
1141421	PPM	-1	0	7	0	51	1	5	1	-1	0	10	3	7	2	-33	4	5	4	-24	3	-5	1	5	1	-51	3	-17	5	-1	1
1141422	PPM	-1	0	7	0	28	1	3	1	0	1	10	3	8	3	-40	4	-1	4	-25	3	-5	1	4	1	-61	4	-1	6	-3	1
1141423	PPM	-1	0	9	0	41	1	6	1	2	1	10	3	5	3	-27	4	8	5	-22	3	-5	1	5	1	-66	4	-4	6	-2	1
1141424	PPM	-1	0	11	1	44	1	12	1	1	1	15	3	15	4	-37	5	12	6	-28	4	-4	1	5	1	-60	5	-20	8	-2	1
1141425	PPM	-1	0	7	0	31	1	3	1	0	1	12	3	10	2	-36	4	6	4	-28	3	-4	1	4	1	-57	3	-19	5	-4	1
1141426	PPM	-1	0	6	0	34	1	4	1	-1	1	11	3	11	2	-37	4	4	4	-27	3	-5	1	5	1	-61	4	-11	5	-3	1
1141427	PPM	-2	0	8	1	40	1	4	1	1	1	10	3	10	3	-48	5	2	5	-30	4	-4	1	7	1	-55	5	-17	7	-4	1
1141428	PPM	-2	0	8	0	62	1	7	1	2	1	7	3	7	3	-32	4	5	5	-22	3	-5	1	5	1	-71	4	-19	6	-3	1
1141429	PPM	-2	0	6	0	54	1	4	1	-1	0	7	3	3	2	-30	4	8	4	-24	3	-5	1	4	1	-50	3	-25	5	-2	1
1141430	PPM	-1	0	8	0	90	1	7	1	-1	1	8	3	9	2	-36	4	8	4	-23	3	-5	1	1	1	-51	3	-14	6	-2	1
1141431	PPM	0	0	44	1	321	4	225	3	1	1	0	3	-1	3	-2	6	11	6	-3	4	2	1	10	1	-8	4	31	9	-2	1
1141432	PPM	0	0	47	1	285	4	326	4	0	1	-1	3	2	4	0	6	3	6	2	4	3	1	11	1	-14	4	45	10	-1	1
1141433	PPM	0	0	51	1	306	4	301	4	0	1	2	3	0	3	12	6	-9	6	-2	4	2	1	11	1	-10	4	56	10	-2	1
1141434	PPM	2	0	11	1	56	1	41	1	4	1	7	3	6	3	-28	5	2	5	-19	5	-3	1	6	1	-36	4	-3	7	12	1
1141451	PPM	0	0	46	1	318	4	236	3	0	1	1	3	2	3	-12	5	4	6	-6	4	-1	1	11	1	-17	4	37	9	-2	1
1141452	PPM	0	0	45	1	317	4	254	3	0	1	1	3	-1	3	0	6	8	6	-3	4	0	1	13	1	-4	4	39	9	1	1
1141453	PPM	0	0	45	1	319	4	195	3	1	1	-1	3	-3	3	-10	5	1	6	0	4	0	1	12	1	-12	4	27	9	-3	1
1141454	PPM	0	0	43	1	313	4	225	3	1	1	-4	3	3	3	-5	6	-3	6	-2	4	2	1	12	1	-7	4	48	9	2	1
1141455	PPM	0	0	45	1	311	4	186	3	0	1	-5	3	1	3	-6	6	5	6	0	4	2	1	11	1	-13	4	30	9	0	1
1141456	PPM	0	0	43	1	318	4	222	3	1	1	-4	3	1	3	-6	6	5	6	-6	4	3	1	10	1	-12	4	45	9	-2	1
1141457	PPM	1	0	44	1	320	4	186	3	1	1	-2	3	1	3	-7	6	-8	6	-8	4	2	1	8	1	-11	4	30	9	-3	1
1141458	PPM	0	0	45	1	328	4	145	2	1	1	1	3	-1	3	-8	6	7	6	-12	4	4	1	9	1	-13	4	16	9	-1	1
1141459	PPM	0	0	44	1	329	4	237	3	0	1	-1	3	-1	3	13	6	4	6	-9	4	2	1	10	1	-8	4	34	9	1	1
1141460	PPM	0	0	44	1	331	4	228	3	0	1	1	3	-1	3	1	6	-2	6	2	4	2	1	9	1	-8	4	37	9	-3	1
1141461	PPM	0	0	45	1	333	4	239	3	2	1	-2	3	2	3	-5	6	-16	6	-2	4	3	1	9	1	-12	4	44	10	0	1
1141462	PPM	0	0	45	1	332	4	196	3	-1	1	-1	3	2	3	-10	6	-8	6	-1	4	1	1	11	1	-20	4	31	9	1	1
1141463	PPM	0	0	45	1	331	4	215	3	0	1	-4	3	-10	3	-2	6	-9	6	0	4	3	1	9	1	-17	4	40	9	3	1
1141464	PPM	-1	0	45	1	334	4	200	3	0	1	-4	3	-3	3	-4	6	-4	6	-9	4	2	1	9	1	-8	4	19	9	1	1
1141465	PPM	0	0	43	1	313	4	225	3	1	1	3	3	-1	3	-10	6	-5	6	0	4	1	1	10	1	-14	4	30	9	-2	1
1141466	PPM	0	0	43	1	310	4	185	3	0	1	-4	3	2	3	-14	6	-16	6	-4	4	2	1	11	1	-13	4	50	9	-1	1
1141467	PPM	0	0	43	1	323	4	243	3	-1	1	0	3	4	3	-12	5	2	6	-5	4	2	1	10	1	-14	4	36	9	0	1
1141468	PPM	0	0	43	1	329	4	202	3	1	1	3	3	-4	3	-6	6	-18	6	-5	4	2	1	10	1	-13	4	48	9	0	1
1141469	PPM	1	0	46	1	320	4	237	3	0	1	2	3	-3	3	-7	6	-2	6	0	4	2	1	8	1	-14	4	33	9	0	1
1141470	PPM	-1	0	45	1	322	4	194	3	1	1	4	3	3	3	-13	6	-10	6	4	4	0	1	9	1	-15	4	51	9	-4	1
1141471	PPM	0	0	45	1	314	4	196	3	0	1	0	3	-3	3	0	6	-12	6	-4	4	2	1	11	1	-9	4	22	9	-2	1
1141472	PPM	0	0	46	1	318	4	211	3	1	1	-5	3	2	3	-10	6	-15	6	-3	4	3	1	10	1	-19	4	38	9	0	1
1141501	PPM	0	0	39	1	294	4	199	3	-2	1	-4	3	-2	3	1	5	4	6	-5	4	0	1	11	1	-7	4	42	9	-1	1
1141502	PPM	0	0	31	1	152	2	314	4	-1	1	-6	3	-7	3	-4	5	6	6	-6	4	4	1	15	1	-17	4	39	9	0	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141503	PPM	1	0	42	1	302	4	309	4	0	1	-6	3	-7	4	-10	6	-10	7	-5	4	1	1	10	1	-12	4	55	10	-4	1
1141504	PPM	0	0	43	1	263	3	307	4	0	1	2	3	3	3	-14	5	3	6	-3	4	2	1	8	1	-9	4	46	9	-1	1
1141505	PPM	-1	0	4	0	37	1	5	1	0	0	10	3	9	2	-35	4	0	4	-31	3	-5	1	-1	1	-53	3	-10	5	-2	1
1141506	PPM	0	0	46	1	331	4	269	4	1	1	-6	3	3	3	-2	6	-6	6	-5	4	4	1	11	1	-14	4	42	9	0	1
1141508	PPM	0	0	43	1	364	5	198	3	3	1	-2	3	-7	4	-4	6	-11	7	3	4	1	1	10	1	-16	4	48	10	-3	1
1141509	PPM	0	0	47	1	354	4	132	2	0	1	-2	3	1	3	1	6	2	6	0	4	1	1	9	1	-12	4	34	9	-1	1
1141510	PPM	0	0	48	1	353	4	122	2	0	1	0	3	5	3	8	6	-1	6	-2	4	2	1	7	1	-20	4	40	9	-1	1
1141511	PPM	0	0	46	1	291	4	232	3	-2	1	-3	3	1	3	-6	5	0	6	-7	4	1	1	15	1	-14	4	41	9	1	1
1141512	PPM	0	0	51	1	324	4	238	3	1	1	-3	3	-1	3	-8	6	-10	6	-8	4	3	1	10	1	-10	4	35	9	-1	1
1141513	PPM	0	0	48	1	305	4	250	3	1	1	0	3	-3	3	-3	6	-5	6	-1	4	2	1	11	1	-12	4	36	9	2	1
1141514	PPM	0	0	51	1	302	4	325	4	-1	1	-4	3	2	3	-7	6	-15	6	0	4	1	1	11	1	-23	4	43	9	1	1
1141516	PPM	-1	0	41	1	258	3	190	3	-1	1	2	3	1	3	-26	5	-5	5	-14	3	0	1	22	1	-23	4	4	8	-1	1
1141517	PPM	0	0	47	1	301	4	247	3	-1	1	0	3	-4	3	-17	6	-1	6	-5	4	1	1	16	1	-17	4	37	9	2	1
1141518	PPM	0	0	48	1	310	4	278	4	-1	1	-7	3	-3	3	-14	6	-7	6	-1	4	1	1	12	1	-11	4	26	9	0	1
1141519	PPM	0	0	51	1	284	4	330	4	1	1	0	3	-2	3	-6	6	-2	6	-11	4	4	1	8	1	-22	4	46	9	2	1
1141520	PPM	0	0	42	1	282	4	275	4	1	1	0	3	1	3	-20	5	-3	6	-11	4	1	1	9	1	-15	4	23	9	0	1
1141521	PPM	0	0	48	1	289	4	317	4	1	1	-1	3	-5	3	3	6	-4	6	-6	4	2	1	11	1	-12	4	41	9	-1	1
1141522	PPM	0	0	44	1	348	5	194	3	2	1	-2	3	-5	4	-2	6	-6	7	3	4	3	1	10	1	-14	4	25	9	-1	1
1141523	PPM	0	0	42	1	294	4	102	2	2	1	0	3	6	3	5	5	-14	6	-11	4	2	1	11	1	-6	4	19	8	-1	1
1141524	PPM	0	0	44	1	330	4	71	2	1	1	-1	3	-1	3	2	6	-10	6	-2	4	3	1	10	1	-15	4	24	9	1	1
1141525	PPM	0	0	41	1	295	4	117	2	1	1	0	3	-9	3	-1	6	-13	6	0	4	1	1	10	1	-23	4	21	9	-2	1
1141526	PPM	0	0	42	1	296	4	149	2	1	1	-2	3	5	3	-5	6	5	6	-3	4	1	1	9	1	-21	4	39	9	-1	1
1141527	PPM	0	0	46	1	333	4	148	2	1	1	-8	3	-9	3	-2	6	-16	6	-6	4	3	1	10	1	-11	4	42	9	1	2
1141528	PPM	0	0	53	1	318	4	302	4	0	1	-7	3	-2	4	3	6	-4	6	0	4	1	1	9	1	-13	4	47	10	3	1
1141529	PPM	1	0	46	1	333	4	229	3	1	1	-1	3	-3	3	-5	6	-9	6	-5	4	2	1	9	1	-5	4	46	10	-1	1
1141530	PPM	0	0	45	1	330	4	207	3	1	1	3	3	-1	3	-18	6	-13	6	-2	4	2	1	7	1	-17	4	47	9	-1	2
1141531	PPM	0	0	50	1	318	4	317	4	1	1	-5	3	-4	4	-9	6	-12	7	2	4	4	1	10	1	-22	4	57	10	2	2
1141532	PPM	0	0	52	1	326	4	244	4	0	1	-3	3	1	4	7	6	1	7	-7	4	2	1	11	1	-20	4	52	10	2	1
1141533	PPM	-1	0	24	1	131	2	97	2	1	1	9	3	5	3	-30	4	3	5	-28	3	-3	1	18	1	-49	4	8	7	-3	1
1141534	PPM	0	0	42	1	288	4	294	4	1	1	-6	3	3	3	3	5	-3	6	-8	4	3	1	13	1	-20	4	38	9	0	1
1141535	PPM	0	0	43	1	317	4	203	3	1	1	-4	3	-4	4	-11	6	-1	7	-4	4	3	1	11	1	-26	4	32	9	-1	1
1141536	PPM	0	0	42	1	261	4	375	5	0	1	-3	3	2	3	0	6	-1	6	-7	4	1	1	10	1	-16	4	28	9	-1	1
1141537	PPM	0	0	50	1	334	4	168	3	1	1	-1	3	-3	4	-7	6	-4	6	-6	4	2	1	9	1	-14	4	37	9	1	1
1141538	PPM	0	0	51	1	320	4	178	3	1	1	-4	3	-7	3	8	6	-8	6	-6	4	2	1	10	1	-16	4	43	9	1	1
1141539	PPM	0	0	47	1	304	4	245	3	1	1	-4	3	-1	3	-4	6	-4	6	-5	4	1	1	11	1	-7	4	44	9	0	1
1141540	PPM	0	0	45	1	291	4	306	4	0	1	1	3	-4	3	-7	6	-22	6	-2	4	2	1	12	1	-11	4	46	9	2	1
1141541	PPM	0	0	45	1	308	4	176	3	0	1	-5	3	-1	4	2	6	-10	7	7	4	2	1	10	1	-16	4	31	9	2	2
1141542	PPM	0	0	49	1	350	5	204	3	1	1	-6	3	1	4	-2	6	-13	7	-7	4	3	1	9	1	-21	4	43	10	2	1
1141543	PPM	0	0	41	1	286	4	229	3	0	1	-1	3	-3	3	-14	5	-9	6	-12	4	1	1	9	1	-15	4	25	9	-3	1
1141544	PPM	0	0	43	1	303	4	280	4	0	1	0	3	3	3	-4	6	-5	6	1	4	0	1	11	1	-11	4	29	9	0	1
1141545	PPM	0	0	42	1	298	4	237	3	0	1	-3	3	1	3	-13	6	-1	6	-4	4	1	1	11	1	-15	4	28	9	0	1
1141546	PPM	0	0	45	1	300	4	331	4	1	1	2	3	1	3	7	6	-9	6	-4	4	2	1	11	1	-13	4	33	9	0	1
1141547	PPM	0	0	44	1	270	4	257	4	1	1	-2	3	-1	3	5	6	7	6	-1	4	1	1	12	1	-16	4	47	9	-3	1
1141548	PPM	-1	0	5	0	50	1	5	1	-1	1	10	3	10	2	-38	4	9	4	-26	3	-6	1	0	1	-53	4	-5	6	-2	1
1141549	PPM	-1	0	4	0	57	1	7	1	-1	0	9	3	7	2	-36	3	0	4	-26	3	-5	1	-1	1	-50	3	-12	5	-3	1
1141550	PPM	0	0	46	1	319	4	209	3	0	1	-5	3	-2	3	6	6	-10	6	1	4	1	1	10	1	-7	4	34	9	2	1
1141551	PPM	0	0	43	1	246	3	223	3	-1	1	1	3	5	4	-5	6	-3	6	-8	4	2	1	44	1	-21	4	43	9	2	1
1141552	PPM	0	0	38	1	268	4	319	4	-1	1	-2	3	0	3	-12	6	-6	6	-7	4	1	1	9	1	-14	4	35	9	2	1
1141553	PPM	0	0	46	1	300	4	158	2	0	1	2	3	-2	3	-14	5	-14	6	-3	4	2	1	10	1	-18	4	35	9	1	1
1141554	PPM	1	0	45	1	364	4	235	3	-2	1	-2	3	-4	3	-8	6	-12	6	-5	4	1	1	8	1	5	4	18	9	1	1
1141555	PPM	0	0	41	1	305	4	188	3	0	1	0	3	1	3	5	6	-4	6	0	4	1	1	9	1	-13	4	28	9	0	1
1141556	PPM	0	0	42	1	334	4	171	3	1	1	-5	3	-4	3	-2	6	-5	6	-3	4	2	1	10	1	-5	4	32	9	1	1
1141557	PPM	0	0	45	1	325	4	179	3	2	1	-2	3	0	4	5	6	2	7	3	4	1	1	11	1	-18	4	37	9	-3	1
1141558	PPM	0	0	44	1	291	4	255	3	0	1	-3	3	-2	3	1	6	6	6	-3	4	3	1	12	1	-9	4	31	9	2	1
1141559	PPM	0	0	43	1	294	4	239	3	0	1	1	3	-4	4	-3	6	-14	7	2	4	0	1	12	1	-7	4	37	9	1	1
1141560	PPM	-1	0	42	1	338	4	96	2	1	1	0	3	-1	3	-14	6	-11	6	-4	4	3	1	9	1	-19	4	32	9	-1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141561	PPM	0	0	45	1	300	4	199	3	2	1	-6	3	1	3	-3	6	-5	6	-2	4	2	1	13	1	-13	4	29	9	0	1
1141562	PPM	0	0	48	1	231	3	186	3	-1	1	-4	3	3	3	-11	5	-3	6	-3	4	0	1	10	1	-16	4	21	8	1	1
1141563	PPM	-1	0	38	1	279	3	157	2	-1	1	-5	3	2	3	-12	5	-6	6	-10	3	2	1	7	1	-2	4	24	8	1	1
1141564	PPM	0	0	38	1	306	4	138	2	-1	1	-1	3	-2	3	-6	5	2	6	-10	4	2	1	9	1	-15	4	29	9	1	1
1141565	PPM	-1	0	45	1	327	4	156	3	1	1	4	3	-3	3	-11	6	-7	6	-12	4	1	1	10	1	-18	4	51	9	-2	1
1141566	PPM	0	0	42	1	337	4	171	3	1	1	-5	3	-3	3	3	6	1	6	-4	4	3	1	8	1	-18	4	57	10	0	1
1141567	PPM	2	1	-8	1	26	1	11	1	6	1	-2	3	0	4	-19	7	-3	8	-18	6	-13	2	-37	4	-15	6	-54	8	-1	1
1141568	PPM	0	0	9	0	41	1	23	1	0	1	9	3	8	3	-38	4	11	4	-27	3	-6	1	-1	1	-38	4	-20	6	-2	1
1141569	PPM	0	0	42	1	301	4	66	2	0	1	-4	3	-2	3	-8	5	-3	6	1	4	1	1	7	1	-9	4	34	9	-1	1
1141570	PPM	0	0	43	1	303	4	178	3	-1	1	-1	3	0	3	-12	6	-1	6	-10	4	1	1	8	1	-16	4	42	9	1	1
1141571	PPM	-1	0	40	1	304	4	138	2	0	1	0	3	6	3	-22	5	-4	6	-9	4	1	1	7	1	-5	4	34	9	-2	1
1141572	PPM	0	0	41	1	308	4	129	2	2	1	1	3	3	3	-7	6	-7	6	-5	4	2	1	9	1	-19	4	50	9	2	2
1141573	PPM	0	0	41	1	340	4	172	3	2	1	-3	3	2	4	-2	6	-6	7	-8	4	4	1	8	1	-15	4	29	10	1	1
1141574	PPM	0	0	41	1	328	4	200	3	1	1	-3	3	-4	3	-6	6	-8	6	-1	4	1	1	9	1	-19	4	34	9	-1	1
1141575	PPM	1	0	40	1	305	4	142	2	0	1	3	3	5	3	-2	6	-2	6	-5	4	2	1	9	1	-12	4	40	9	2	2
1141576	PPM	4	1	5	1	109	3	149	3	7	1	-9	3	-7	5	10	8	-12	9	-28	10	-10	2	-44	4	-53	7	-5	12	-1	1
1141577	PPM	-1	0	34	1	289	4	145	2	1	1	0	3	0	3	-12	5	2	6	-6	4	-1	1	6	1	-23	4	31	9	-1	1
1141578	PPM	1	0	40	1	272	4	209	3	-2	1	-1	3	-3	3	-12	6	-11	6	-1	4	2	1	9	1	-12	4	49	9	1	1
1141674	PPM	0	0	45	1	344	4	102	2	1	1	-6	3	6	3	4	5	1	6	-7	4	2	1	7	1	-9	4	24	9	0	1
1141675	PPM	0	0	42	1	302	4	60	2	-1	1	-3	3	-4	3	-10	5	2	6	-3	4	0	1	8	1	-5	4	16	8	2	1
1141676	PPM	1	0	45	1	331	4	82	2	1	1	0	3	-4	3	-2	6	-11	6	-2	4	1	1	8	1	-16	4	23	9	1	1
1141677	PPM	0	0	44	1	319	4	82	2	1	1	-2	3	6	3	-3	5	-3	6	-4	4	2	1	10	1	-4	4	46	9	-1	1
1141678	PPM	0	0	44	1	322	4	73	2	1	1	1	3	-4	3	-6	6	-14	6	-3	4	1	1	7	1	-13	4	12	8	1	1
1141679	PPM	-1	0	42	1	315	4	73	2	0	1	2	3	-2	3	2	5	1	6	-5	4	0	1	9	1	-8	4	11	8	2	1
1141680	PPM	0	0	45	1	324	4	117	2	1	1	1	3	-4	3	-10	5	4	6	-2	4	0	1	10	1	-13	4	21	9	-1	1
1141681	PPM	-1	0	43	1	324	4	113	2	0	1	-7	3	2	3	-6	6	-5	6	-5	4	1	1	10	1	-5	4	16	9	1	1
1141682	PPM	0	0	43	1	322	4	155	3	0	1	-5	3	0	3	0	6	4	6	-6	4	2	1	8	1	-9	4	46	9	2	1
1141683	PPM	0	0	44	1	345	4	88	2	0	1	-4	3	-9	3	-16	5	6	6	-5	4	2	1	8	1	-7	4	5	8	-2	1
1141684	PPM	0	0	42	1	340	4	110	2	0	1	-5	3	0	4	1	6	-6	6	-4	4	2	1	9	1	-12	4	27	9	-2	1
1141685	PPM	0	0	44	1	342	4	146	2	-1	1	-3	3	-1	3	-10	6	-12	6	-6	4	1	1	10	1	-11	4	21	9	1	1
1141686	PPM	0	0	44	1	316	4	116	2	0	1	-4	3	-1	3	-14	6	0	6	-4	4	1	1	10	1	-16	4	33	9	1	1
1141687	PPM	0	0	45	1	344	4	91	2	1	1	-6	3	-2	3	3	6	-5	6	-6	4	3	1	8	1	-13	4	31	9	0	1
1141688	PPM	0	0	44	1	324	4	172	3	1	1	-3	3	1	3	-8	6	1	6	-8	4	2	1	14	1	-8	4	40	9	-1	1
1141689	PPM	0	0	45	1	333	4	100	2	1	1	-8	3	0	3	-6	6	-6	6	-4	4	1	1	10	1	-7	4	48	9	-1	1
1141690	PPM	0	0	43	1	313	4	116	2	-1	1	-3	3	-1	3	-6	5	-2	6	1	4	1	1	12	1	-4	4	17	8	1	1
1141691	PPM	0	0	43	1	329	4	118	2	1	1	-1	3	-9	3	-6	5	3	6	-6	4	-1	1	8	1	-7	4	26	9	-1	1
1141692	PPM	0	0	47	1	339	4	85	2	1	1	-8	3	-7	3	-10	6	-16	6	-2	4	1	1	10	1	-17	4	19	9	-1	1
1141693	PPM	0	0	44	1	338	4	165	3	0	1	1	3	1	3	-4	6	-2	6	-2	4	1	1	9	1	-8	4	36	9	0	1
1141694	PPM	0	0	42	1	295	4	150	2	0	1	0	3	-1	3	-9	5	-5	6	-6	4	0	1	10	1	-17	4	21	9	-2	1
1141695	PPM	0	0	38	1	298	4	131	2	2	1	-4	3	2	3	-13	5	-4	6	-9	4	1	1	9	1	-15	4	26	8	-3	1
1141696	PPM	0	0	45	1	320	4	154	3	-1	1	-2	3	-3	3	0	6	2	6	-8	4	2	1	10	1	-12	4	19	9	2	1
1141697	PPM	0	0	42	1	314	4	188	3	1	1	-6	3	-7	3	-10	5	0	6	-6	4	2	1	12	1	-8	4	46	9	-2	1
1141698	PPM	0	0	44	1	320	4	138	2	1	1	2	3	1	3	-11	5	-6	6	-4	4	2	1	12	1	-11	4	18	9	-2	1
1141699	PPM	0	0	44	1	321	4	157	3	1	1	0	3	2	3	6	6	-8	6	3	4	2	1	10	1	-12	4	31	9	0	1
1141700	PPM	0	0	44	1	318	4	181	3	2	1	-2	3	6	4	5	6	0	7	-4	4	3	1	11	1	-17	4	40	9	-1	1
1141701	PPM	0	0	47	1	324	4	217	3	1	1	-3	3	0	3	0	6	-18	6	-5	4	1	1	12	1	-12	4	33	9	-2	1
1141702	PPM	0	0	47	1	336	4	185	3	0	1	-4	3	5	3	4	6	6	6	-1	4	1	1	9	1	-8	4	33	9	0	1
1141703	PPM	0	0	47	1	343	4	174	3	1	1	-2	3	-4	3	-6	6	0	6	-9	4	3	1	10	1	-5	4	36	9	2	1
1141704	PPM	1	0	45	1	304	4	285	4	0	1	1	3	-6	3	-11	6	-14	6	-12	4	3	1	9	1	-12	4	40	9	-3	1
1141705	PPM	0	0	50	1	300	4	294	4	1	1	1	3	2	3	-6	6	-10	6	-1	4	2	1	12	1	-10	4	35	9	0	1
1141706	PPM	0	0	49	1	324	4	236	3	0	1	-3	3	-2	3	0	5	0	6	-5	4	2	1	13	1	-11	4	33	9	0	1
1141707	PPM	1	0	47	1	293	4	256	3	-1	1	-2	3	-1	3	-6	5	-4	6	-4	4	0	1	13	1	-10	4	41	9	0	1
1141708	PPM	0	0	47	1	297	4	249	3	1	1	0	3	-2	3	3	6	4	6	-2	4	3	1	12	1	-13	4	26	9	1	1
1141710	PPM	0	0	49	1	303	4	323	4	1	1	-2	3	2	3	-14	6	-15	6	-5	4	3	1	12	1	-6	4	19	9	-1	1
1141711	PPM	0	0	45	1	308	4	255	4	1	1	3	3	-1	3	-15	6	-5	6	-1	4	0	1	10	1	-12	4	44	9	-2	1
1141712	PPM	0	0	46	1	274	3	293	4	0	1	-3	3	1	3	-16	5	1	6	-12	3	3	1	10	1	-12	4	36	9	0	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141713	PPM	0	0	47	1	280	4	279	4	-1	1	-5	3	1	3	-4	5	-13	6	-5	4	2	1	10	1	-10	4	41	9	-2	1
1141714	PPM	0	0	48	1	298	4	303	4	0	1	-4	3	-7	3	3	6	-2	6	-3	4	3	1	12	1	-13	4	43	9	0	1
1141715	PPM	0	0	45	1	285	4	280	4	0	1	-5	3	2	3	1	6	-7	6	-6	4	3	1	12	1	-12	4	33	9	0	1
1141716	PPM	1	0	46	1	297	4	294	4	0	1	-3	3	1	3	0	6	-15	6	-10	4	2	1	11	1	-2	4	35	9	-1	1
1141717	PPM	1	0	50	1	291	4	323	4	0	1	-5	3	-4	3	1	6	-5	6	-8	4	2	1	13	1	-11	4	56	10	-2	1
1141718	PPM	0	0	55	1	278	4	377	5	0	1	1	3	4	3	-9	6	1	6	-8	4	2	1	11	1	-17	4	54	10	-1	1
1141719	PPM	-1	0	48	1	311	4	330	4	0	1	0	3	-1	3	-7	6	0	6	-1	4	2	1	14	1	-13	4	29	9	-1	1
1141720	PPM	0	0	45	1	329	4	290	4	0	1	-8	3	0	3	-2	6	-7	6	0	4	2	1	10	1	-6	4	30	9	-1	1
1141721	PPM	0	0	47	1	314	4	248	3	0	1	-4	3	4	3	-13	6	-5	6	-5	4	2	1	12	1	-14	4	41	9	1	1
1141722	PPM	0	0	54	1	287	4	365	5	1	1	-1	3	-4	3	-5	6	1	6	-10	4	2	1	12	1	-14	4	30	9	-1	1
1141723	PPM	0	0	52	1	286	4	302	4	0	1	-1	3	-6	3	-10	6	-13	6	-3	4	0	1	12	1	-5	4	39	9	0	1
1142001	PPM	-1	0	11	0	29	1	5	1	-1	0	8	3	13	2	-46	4	-3	4	-11	3	-6	1	3	1	-50	3	-15	5	-3	1
1142002	PPM	-1	0	6	0	35	1	4	1	-1	0	6	3	6	2	-29	4	9	4	-25	3	-5	1	1	1	-59	3	-12	5	-3	1
1142003	PPM	-2	0	5	0	35	1	3	1	-1	0	8	3	7	2	-40	4	2	4	-25	3	-5	1	6	1	-65	4	-14	5	-1	1
1142004	PPM	0	0	7	0	54	1	3	1	2	1	10	3	16	3	-35	4	7	4	-29	3	-4	1	9	1	-53	4	-18	5	-3	1
1142005	PPM	0	0	45	1	282	4	249	3	1	1	-1	3	2	3	-3	5	-4	6	5	4	2	1	10	1	-15	4	31	9	0	1
1142006	PPM	0	0	45	1	285	4	294	4	1	1	-2	3	0	3	6	6	-2	6	-5	4	2	1	11	1	-16	4	43	9	1	1
1142007	PPM	0	0	48	1	298	4	309	4	0	1	0	3	0	3	0	6	-9	6	-7	4	2	1	12	1	-18	4	34	10	1	1
1142008	PPM	0	0	46	1	287	4	294	4	1	1	0	3	7	3	0	6	-3	6	-6	4	1	1	11	1	-8	4	37	9	-1	2
1142009	PPM	0	0	45	1	314	4	327	4	2	1	-5	3	-13	3	-7	6	-1	6	-4	4	1	1	10	1	-15	4	50	10	5	1
1142010	PPM	0	0	47	1	327	4	223	3	1	1	-2	3	0	3	8	6	-10	6	3	4	1	1	9	1	-9	4	44	9	-1	1
1142011	PPM	0	0	47	1	313	4	252	4	2	1	-1	3	4	3	-4	6	-6	7	-1	4	3	1	12	1	-14	4	37	9	-4	1
1142012	PPM	0	0	38	1	221	3	415	5	-1	1	-2	3	1	3	-15	6	-7	6	-7	4	3	1	11	1	-18	4	48	10	5	1
1142013	PPM	0	0	42	1	267	4	388	5	1	1	0	3	0	4	-4	6	1	6	0	4	2	1	14	1	-9	4	53	10	-1	1
1142014	PPM	0	0	45	1	341	4	244	3	1	1	-2	3	-4	3	-9	6	-14	6	-5	4	3	1	11	1	-17	4	37	9	-3	1
1142015	PPM	0	0	46	1	319	4	299	4	0	1	2	3	0	3	0	6	8	6	3	4	2	1	12	1	-12	4	37	9	-1	1
1142016	PPM	0	0	43	1	274	4	353	5	0	1	-7	3	1	4	-2	6	2	6	-6	4	2	1	11	1	-19	4	55	10	-2	1
1142017	PPM	0	0	48	1	298	4	336	4	1	1	0	3	0	3	-2	6	-7	6	-5	4	3	1	10	1	-17	4	52	10	-1	1
1142018	PPM	1	0	44	1	247	3	354	5	-1	1	-5	3	2	3	-13	6	-5	6	-3	4	2	1	14	1	-8	4	59	10	-1	1
1142019	PPM	0	0	62	1	287	4	396	5	-1	1	-2	3	1	3	-1	6	3	6	-5	4	3	1	10	1	-15	4	50	10	-1	1
1142020	PPM	0	0	52	1	275	4	326	4	0	1	0	3	-1	3	-3	6	-12	6	-4	4	3	1	14	1	-21	4	46	10	-2	1
1142021	PPM	0	0	47	1	285	4	302	4	0	1	-2	3	4	3	-7	6	-1	6	0	4	2	1	10	1	-9	4	52	9	2	2
1142022	PPM	0	0	49	1	319	4	324	4	-2	1	-7	3	-7	4	-10	6	1	6	-7	4	2	1	10	1	-12	4	43	10	2	1
1142023	PPM	0	0	47	1	309	4	255	4	-1	1	-3	3	0	3	0	6	-3	6	-2	4	2	1	8	1	-25	4	38	9	-1	1
1142024	PPM	0	0	28	1	198	3	127	2	-2	1	5	3	4	3	-28	4	7	5	-20	3	-1	1	5	1	-21	4	1	7	2	1
1142025	PPM	0	0	48	1	332	4	303	4	-1	1	-2	3	-3	3	-3	6	-3	6	-5	4	3	1	12	1	-10	4	33	9	0	1
1142026	PPM	0	0	46	1	296	4	324	4	1	1	-1	3	-1	3	0	6	3	6	-2	4	3	1	12	1	-16	4	32	9	-1	1
1142027	PPM	-1	0	10	0	66	1	19	1	0	1	13	3	11	3	-42	4	1	4	-25	3	-5	1	4	1	-41	4	-17	6	-1	1
1142028	PPM	-2	0	6	0	53	1	2	1	0	1	7	3	6	3	-35	4	4	4	-25	3	-5	1	2	1	-45	3	-25	5	-2	1
1142029	PPM	-2	0	7	0	45	1	3	1	-1	0	8	3	6	2	-35	4	2	4	-29	3	-5	1	3	1	-60	3	-18	5	-2	1
1142030	PPM	0	0	47	1	295	4	257	3	0	1	-3	3	-8	3	-3	5	-2	6	-10	4	3	1	10	1	-13	4	41	9	0	1
1142031	PPM	0	0	47	1	303	4	274	4	0	1	-2	3	3	3	-1	6	5	6	-14	4	3	1	10	1	-17	4	35	9	0	1
1142032	PPM	0	0	34	1	209	3	144	2	0	1	9	3	5	3	-25	5	4	5	-20	3	-1	1	7	1	-29	4	15	8	-1	1
1142033	PPM	0	0	47	1	301	4	278	4	0	1	5	3	3	3	-11	6	-11	6	-6	4	2	1	11	1	-12	4	57	10	1	1
1142034	PPM	0	0	52	1	274	4	381	5	0	1	-2	3	2	3	-9	5	-18	6	-2	4	1	1	12	1	-13	4	47	9	-1	1
1142035	PPM	-1	0	44	1	310	4	245	3	1	1	-2	3	-4	3	-8	6	-8	6	0	4	1	1	11	1	-14	4	30	9	-3	1
1142036	PPM	0	0	50	1	266	4	399	5	1	1	2	3	-6	3	-5	6	-11	6	-2	4	3	1	10	1	-16	4	51	10	0	1
1142037	PPM	0	0	47	1	294	4	323	4	0	1	-5	3	1	3	5	6	-6	6	0	4	-1	1	12	1	-15	4	39	10	1	1
1142038	PPM	0	0	49	1	284	4	299	4	1	1	-3	3	1	3	8	6	7	6	-6	4	3	1	12	1	-9	4	38	9	2	1
1142039	PPM	0	0	46	1	304	4	326	4	1	1	-4	3	-5	3	-4	6	-14	6	-4	4	1	1	11	1	-12	4	39	10	-1	1
1142040	PPM	0	0	44	1	301	4	323	4	0	1	0	3	1	3	-2	6	4	6	-1	4	1	1	11	1	-16	4	48	10	-2	1
1142041	PPM	0	0	38	1	267	4	307	4	0	1	1	3	6	3	-6	5	1	6	-8	4	2	1	13	1	-11	4	55	9	-2	1
1142042	PPM	1	0	44	1	318	4	314	4	2	1	-6	3	-3	4	2	6	-10	7	-10	4	2	1	12	1	-18	4	46	10	0	1
1142043	PPM	0	0	43	1	291	4	350	5	1	1	2	3	-1	3	-5	6	6	6	-9	4	3	1	9	1	-17	4	50	10	-2	1
1142044	PPM	0	0	39	1	282	4	266	4	1	1	1	3	0	3	-25	5	-8	6	0	4	1	1	8	1	-16	4	64	10	-1	1
1142045	PPM	0	0	48	1	302	4	361	5	0	1	4	3	3	3	-9	6	4	6	0	4	2	1	14	1	-16	4	39	10	2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1142046	PPM	0	0	45	1	303	4	422	5	0	1	-2	3	-6	3	-14	6	-6	6	-3	4	3	1	12	1	-14	4	72	10	0	1
1142047	PPM	0	0	44	1	298	4	372	5	0	1	-4	3	1	3	6	6	3	6	-4	4	2	1	13	1	-18	4	41	10	2	1
1142048	PPM	0	0	49	1	274	4	340	4	0	1	2	3	-3	3	-9	6	-3	6	0	4	2	1	9	1	-21	4	47	10	0	1
1142049	PPM	0	0	49	1	299	4	441	5	0	1	-1	3	-4	3	2	6	-5	6	-8	4	1	1	12	1	-10	4	44	10	0	1
1142050	PPM	0	0	45	1	312	4	397	5	-2	1	-1	3	0	4	-11	6	-4	7	-5	4	1	1	12	1	-18	4	59	10	0	1
1142051	PPM	0	0	46	1	287	4	372	5	0	1	-3	3	4	3	-11	6	-4	6	-1	4	1	1	11	1	-18	4	57	10	2	1
1142052	PPM	0	0	44	1	305	4	335	4	0	1	-1	3	-3	3	5	6	-1	6	-3	4	2	1	12	1	-8	4	35	9	0	1
1142053	PPM	-1	0	8	0	39	1	5	1	0	1	9	3	11	2	-38	4	3	4	-27	3	-4	1	1	1	-62	4	-15	5	-2	1
1142054	PPM	-1	0	8	0	37	1	3	1	1	1	12	3	8	3	-36	4	3	4	-27	3	-4	1	2	1	-58	4	-16	5	-2	1
1142055	PPM	-1	0	8	0	39	1	6	1	2	1	13	3	8	3	-39	4	2	4	-25	3	-5	1	6	1	-58	4	-26	5	-3	1
1142056	PPM	-1	0	10	0	38	1	5	1	0	1	8	3	11	3	-41	4	11	4	-14	3	-6	1	4	1	-57	4	-12	5	-1	1
1142057	PPM	-1	0	10	0	32	1	5	1	-1	0	4	3	5	2	-44	4	3	4	-16	3	-6	1	1	1	-53	3	-22	5	-2	1
1142058	PPM	-1	0	24	1	132	2	96	2	-1	1	8	3	7	3	-34	4	8	4	-19	3	-3	1	5	1	-38	4	-7	6	-1	1
1142059	PPM	0	0	10	0	49	1	15	1	-1	1	6	3	13	3	-37	4	6	4	-23	3	-5	1	2	1	-50	3	-16	6	-1	1
1142060	PPM	-1	0	6	0	33	1	8	1	-1	0	7	3	6	2	-43	3	4	4	-26	3	-5	1	1	1	-50	3	-18	5	-3	1
1142061	PPM	0	0	45	1	299	4	319	4	0	1	-6	3	-1	3	-13	5	-2	6	-3	4	1	1	11	1	-8	4	28	9	0	1
1142062	PPM	0	0	45	1	303	4	366	5	0	1	0	3	1	3	-8	6	-2	6	-8	4	2	1	12	1	-17	4	38	10	1	1
1142063	PPM	0	0	46	1	320	4	304	4	0	1	1	3	0	4	-10	6	-3	6	-5	4	2	1	10	1	-18	4	64	10	0	1
1142064	PPM	0	0	47	1	321	4	250	3	2	1	-1	3	-3	3	-6	6	-13	6	-5	4	2	1	10	1	-16	4	41	9	0	1
1142065	PPM	0	0	41	1	323	4	255	4	1	1	1	3	4	3	1	6	1	6	-5	4	0	1	11	1	-18	4	59	10	-1	1
1142066	PPM	0	0	42	1	288	4	281	4	0	1	4	3	-1	3	-15	5	9	6	-16	4	1	1	10	1	-17	4	46	9	-2	1
1142067	PPM	0	0	48	1	315	4	371	5	0	1	2	3	5	4	0	6	-7	6	-2	4	2	1	14	1	-13	4	54	10	0	1
1142068	PPM	0	0	43	1	295	4	315	4	0	1	0	3	0	3	-10	6	7	6	1	4	3	1	12	1	-18	4	55	10	-1	1
1142069	PPM	0	0	46	1	304	4	383	5	-1	1	0	3	-2	3	-5	6	-1	6	0	4	1	1	12	1	-14	4	65	10	1	1
1142070	PPM	0	0	41	1	261	3	350	4	1	1	-6	3	-6	3	-14	5	-5	6	-8	4	1	1	11	1	-17	4	49	9	1	1
1142071	PPM	0	0	42	1	273	4	421	5	-2	1	-1	3	0	3	-8	6	1	6	-2	4	3	1	14	1	-16	4	65	10	0	1
1142072	PPM	0	0	47	1	270	4	398	5	0	1	-3	3	2	3	-6	6	-8	6	-4	4	0	1	12	1	-11	4	51	10	-1	1
1142073	PPM	-1	0	44	1	310	4	352	5	0	1	-5	3	-8	4	-2	6	5	6	0	4	2	1	12	1	-12	4	42	10	-1	1
1142074	PPM	0	0	45	1	290	4	281	4	1	1	-3	3	5	3	-21	5	5	6	-16	4	2	1	11	1	-37	4	37	10	-5	1
1142075	PPM	-1	0	7	0	39	1	10	1	-1	1	9	3	10	3	-43	4	2	4	-22	3	-6	1	3	1	-53	4	-12	6	-3	1
1142076	PPM	-2	0	6	0	29	1	3	1	1	1	8	3	1	3	-39	4	9	5	-22	3	-4	1	1	1	-77	4	3	6	-2	1
1142077	PPM	-1	0	7	0	32	1	6	1	0	1	7	3	11	3	-36	4	13	4	-27	3	-5	1	-1	1	-64	4	-16	6	-2	1
1142078	PPM	-2	0	6	0	33	1	3	1	2	1	6	3	7	3	-30	4	3	5	-27	3	-5	1	0	1	-77	4	-5	6	-3	1
1142079	PPM	-1	0	6	0	33	1	2	1	1	1	9	3	5	3	-36	4	13	4	-29	3	-7	1	1	1	-61	4	-20	5	-3	1
1142080	PPM	-2	0	10	0	35	1	3	1	1	1	7	3	5	3	-45	4	0	5	-14	3	-6	1	-1	1	-71	4	-10	6	-2	1
1142081	PPM	-2	0	7	0	36	1	3	1	1	1	10	3	12	3	-39	4	7	5	-26	3	-5	1	0	1	-65	4	-13	6	-1	1
1142082	PPM	-1	0	7	0	34	1	3	1	1	1	13	3	6	3	-38	4	3	4	-24	3	-4	1	0	1	-71	4	-13	5	-4	1
1142083	PPM	-2	0	8	0	35	1	4	1	0	1	5	3	6	3	-33	4	8	4	-25	3	-5	1	1	1	-57	4	-15	5	-4	1
1142084	PPM	-1	0	10	0	34	1	4	1	0	1	10	3	12	3	-35	4	4	4	-19	3	-5	1	1	1	-58	4	-23	5	-2	2
1142085	PPM	0	0	42	1	309	4	336	5	2	1	-4	3	-6	4	-5	6	4	7	3	4	2	1	12	1	-27	4	34	10	1	2
1142086	PPM	1	0	42	1	298	4	316	5	3	1	1	3	0	4	5	6	-8	7	-7	4	1	1	10	1	-30	4	67	11	2	1
1142087	PPM	0	0	38	1	274	4	329	5	2	1	-11	3	-6	4	1	6	-4	7	-3	4	3	1	10	1	-21	4	54	10	-2	2
1142088	PPM	1	0	45	1	300	4	311	4	2	1	-6	3	-3	4	-3	6	-4	7	-2	4	3	1	8	1	-27	4	72	11	-2	1
1142089	PPM	-1	0	18	1	62	1	50	1	1	1	9	3	11	3	-32	4	0	4	-22	3	-3	1	62	1	-56	4	-10	6	-1	2
1142090	PPM	0	0	42	1	290	4	348	5	3	1	-2	3	1	4	1	6	-8	7	1	4	2	1	12	1	-19	4	48	11	-1	1
1142091	PPM	0	0	42	1	298	4	248	4	2	1	-2	3	-1	4	0	6	0	7	9	4	2	1	10	1	-19	4	38	10	-3	1
1142092	PPM	0	0	9	0	40	1	17	1	0	1	5	3	9	3	-37	4	5	4	-24	3	-6	1	3	1	-46	3	-11	5	-2	1
1142093	PPM	0	0	9	0	41	1	16	1	0	1	8	3	10	2	-41	4	-9	4	-27	3	-5	1	2	1	-46	3	-11	5	-3	1
1142093	PPM	0	0	45	1	301	4	312	4	-1	1	-7	3	-2	3	-9	6	-13	6	1	4	1	1	12	1	-7	4	30	9	1	2
1142094	PPM	0	0	49	1	322	4	320	4	1	1	-10	3	-9	4	3	6	5	7	-3	4	2	1	10	1	-25	4	55	10	2	1
1142095	PPM	-1	0	43	1	268	4	345	5	0	1	5	3	8	4	-2	6	-7	6	1	4	2	1	11	1	-26	4	46	10	1	1
1142096	PPM	0	0	44	1	285	4	237	3	-1	1	2	3	-7	3	-16	6	-3	6	-12	4	2	1	8	1	-17	4	49	9	0	1
1142097	PPM	-1	0	8	0	62	1	22	1	1	1	10	3	7	3	-39	4	-1	4	-25	3	-4	1	1	1	-62	4	-7	6	-1	1
1142098	PPM	-1	0	10	0	53	1	9	1	0	1	14	3	11	3	-36	4	3	5	-24	3	-5	1	5	1	-59	4	1	6	-3	1
1142099	PPM	-1	0	8	0	47	1	3	1	2	1	10	3	7	3	-35	4	3	4	-17	3	-5	1	1	1	-65	4	-15	6	-2	1
1142100	PPM	0	0	44	1	281	4	328	4	1	1	6	3	6	4	-12	6	4	7	-6	4	2	1	10	1	-24	4	42	10	-1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1142101	PPM	0	0	42	1	249	3	343	5	-1	1	2	3	1	4	-1	6	-1	6	-10	4	3	1	12	1	-24	4	47	10	-1	1
1142102	PPM	0	0	48	1	282	4	293	4	2	1	0	3	1	4	-1	6	3	7	-4	4	1	1	10	1	-40	4	35	10	-2	1
1142103	PPM	1	0	44	1	309	4	295	4	-1	1	-3	3	-2	3	-4	6	-9	6	-1	4	1	1	11	1	-12	4	35	9	0	1
1142104	PPM	0	0	39	1	246	3	204	3	2	1	-5	3	2	3	-21	5	3	6	-13	4	0	1	7	1	-27	4	42	9	1	1
1142105	PPM	0	0	9	0	62	1	19	1	0	1	12	3	11	3	-32	4	4	4	-21	3	-5	1	2	1	-60	4	-5	6	0	1
1142106	PPM	-2	0	7	0	42	1	4	1	2	1	5	3	7	3	-36	4	2	4	-24	3	-5	1	-1	1	-63	4	-15	6	-2	1
1142107	PPM	-1	0	7	0	44	1	6	1	1	1	9	3	7	3	-30	4	4	4	-24	3	-4	1	5	1	-53	4	-13	6	-2	1
1142108	PPM	-2	0	6	0	71	1	6	1	1	1	11	3	8	3	-37	4	3	4	-25	3	-6	1	4	1	-66	4	-20	6	-2	1
1142109	PPM	0	0	8	0	104	2	8	1	0	1	8	3	7	3	-38	4	8	4	-24	3	-6	1	3	1	-65	4	-7	6	-3	1
1142110	PPM	0	0	7	0	42	1	4	1	2	1	13	3	11	3	-31	4	2	4	-29	3	-4	1	16	1	-64	4	-12	6	-3	1
1142111	PPM	-2	0	6	0	35	1	7	1	-1	1	11	3	7	3	-33	4	6	4	-21	3	-5	1	3	1	-72	4	-16	5	-2	1
1142112	PPM	-2	0	5	0	34	1	3	1	0	0	10	3	7	2	-42	4	2	4	-25	3	-6	1	1	1	-62	3	-17	5	-4	1
1142113	PPM	1	0	38	1	225	3	202	3	0	1	-2	3	-1	3	-19	6	-3	6	-9	4	2	1	9	1	-22	4	36	9	3	1
1142114	PPM	0	0	45	1	289	4	274	4	2	1	3	3	-6	4	-4	6	3	7	2	4	2	1	9	1	-21	4	57	10	-2	2
1142115	PPM	0	0	45	1	312	4	281	4	0	1	-1	3	-4	4	-5	6	-7	7	2	4	3	1	10	1	-35	4	60	10	1	2
1142116	PPM	0	0	48	1	326	5	310	4	2	1	-7	3	-2	4	0	6	2	7	-7	4	3	1	11	1	-27	4	56	11	0	2
1142117	PPM	0	0	51	1	306	4	303	4	1	1	1	3	0	4	-4	6	-10	7	6	4	2	1	11	1	-33	5	56	11	0	2
1142118	PPM	0	0	48	1	325	4	342	5	1	1	-5	3	-4	4	-6	6	-18	7	-6	4	3	1	11	1	-27	4	63	11	0	1
1142119	PPM	0	0	45	1	309	4	292	4	2	1	1	3	-1	4	-4	6	-8	6	-3	4	0	1	7	1	-25	4	47	10	-2	2
1142120	PPM	1	1	49	1	314	4	295	4	0	1	1	3	9	4	-4	6	-1	7	0	4	4	1	11	1	-42	5	50	11	-1	1
1142121	PPM	0	0	45	1	261	4	352	5	-1	1	5	3	-1	3	2	6	-8	6	-7	4	2	1	14	1	-20	4	61	10	0	1
1142122	PPM	0	0	47	1	288	4	313	4	1	1	0	3	4	3	-11	6	-5	6	4	4	2	1	11	1	-22	4	49	10	-1	1
1142123	PPM	0	0	37	1	245	4	230	4	0	1	4	3	0	4	-15	6	-12	7	-20	4	-1	1	9	1	-39	4	45	10	0	1
1142124	PPM	-1	0	18	1	98	2	59	1	-1	1	11	3	9	3	-36	4	8	5	-20	3	-4	1	7	1	-51	4	-14	6	-2	1
1142125	PPM	-1	0	7	0	36	1	5	1	-1	1	15	3	8	2	-40	4	1	4	-29	3	-5	1	6	1	-60	4	-14	5	-3	1
1142126	PPM	-1	0	7	0	48	1	6	1	0	1	11	3	5	3	-40	4	2	4	-20	3	-5	1	2	1	-62	4	-17	6	-3	1
1142127	PPM	-1	0	6	0	45	1	3	1	0	1	12	3	10	3	-26	4	-4	4	-22	3	-4	1	3	1	-64	4	-15	5	-2	1
1142128	PPM	-1	0	8	0	52	1	13	1	-1	1	9	3	8	3	-40	4	1	4	-28	3	-5	1	1	1	-58	4	-9	6	-3	1
1142129	PPM	-1	0	8	0	43	1	6	1	2	1	9	3	10	3	-37	4	3	4	-25	3	-4	1	14	1	-65	4	-11	6	-3	1
1142131	PPM	1	0	46	1	287	4	300	4	1	1	-3	3	1	4	-8	6	-16	7	-1	4	0	1	11	1	-36	4	49	10	1	1
1142132	PPM	0	0	45	1	317	4	286	4	0	1	-2	3	2	3	3	6	-1	6	4	4	1	1	11	1	-22	4	51	10	-2	1
1142133	PPM	0	0	48	1	289	4	307	4	1	1	0	3	-1	4	-3	6	-5	7	-14	4	3	1	12	1	-27	4	40	10	-1	1
1142134	PPM	-1	0	35	1	238	3	204	3	1	1	-1	3	-5	4	-13	6	-15	6	-13	4	1	1	15	1	-28	4	24	9	0	1
1142135	PPM	0	0	45	1	287	4	298	4	0	1	1	3	-2	4	-1	6	-6	7	-7	4	3	1	8	1	-36	4	41	10	0	1
1142136	PPM	0	0	52	1	272	4	350	5	0	1	-5	3	3	3	0	6	-1	6	-6	4	1	1	13	1	-23	4	52	10	1	1
1142137	PPM	-1	0	11	0	68	1	36	1	0	1	12	3	5	3	-33	4	-3	4	-31	3	-4	1	19	1	-60	4	-5	6	-2	1
1142138	PPM	0	0	19	1	119	2	61	1	0	1	7	3	8	3	-31	4	5	5	-17	3	-3	1	13	1	-27	4	-1	7	-1	1
1142139	PPM	0	0	48	1	316	4	256	4	1	1	-5	3	-5	4	5	6	5	7	-4	4	3	1	10	1	-20	4	34	10	-2	1
1142140	PPM	0	0	48	1	267	4	320	4	0	1	3	3	2	4	-6	6	0	6	-6	4	4	1	11	1	-24	4	40	10	2	1
1142141	PPM	0	0	36	1	236	3	326	4	1	1	-5	3	2	3	-17	5	4	6	-12	4	2	1	8	1	-18	4	37	9	-1	1
1142142	PPM	0	0	40	1	230	3	285	4	-1	1	1	3	7	3	-11	5	1	6	-8	4	0	1	16	1	-31	4	32	9	-1	1
1142143	PPM	0	0	42	1	271	4	306	4	1	1	-1	3	3	4	-8	6	-12	6	-9	4	1	1	21	1	-25	4	50	10	-1	1
1142501	PPM	0	0	47	1	266	4	384	5	0	1	2	3	0	4	-4	6	4	6	-7	4	2	1	11	1	-18	4	63	10	2	1
1142502	PPM	1	0	45	1	275	4	249	4	2	1	2	3	3	4	-2	6	6	7	-6	4	2	1	10	1	-25	4	54	10	2	1
1142503	PPM	0	0	51	1	284	4	258	4	1	1	0	3	2	4	0	6	1	7	-9	4	2	1	14	1	-26	4	58	10	0	1
1142504	PPM	0	0	50	1	276	4	261	4	1	1	0	3	1	3	-16	6	-13	6	0	4	1	1	13	1	-10	4	57	9	-2	1
1142505	PPM	0	0	33	1	179	3	143	2	-2	1	5	3	10	3	-20	5	-5	5	-21	3	-2	1	9	1	-38	4	19	8	-1	1
1142506	PPM	-2	0	5	0	39	1	5	1	2	1	10	3	5	3	-38	4	9	5	-25	3	-5	1	2	1	-91	4	-6	6	-2	1
1142507	PPM	0	0	42	1	236	3	202	3	1	1	-1	3	-7	3	-18	5	7	6	-15	4	1	1	12	1	-21	4	48	9	-2	1
1142508	PPM	0	0	46	1	326	4	307	4	0	1	0	3	4	3	8	6	-9	6	-2	4	2	1	11	1	-18	4	55	10	-2	1
1142509	PPM	0	0	48	1	316	4	257	4	1	1	3	3	9	4	-7	6	-3	7	-1	4	1	1	10	1	-22	4	45	10	2	1
1142510	PPM	-1	0	43	1	289	4	281	4	1	1	-3	3	-1	4	-14	6	-15	7	-1	4	2	1	12	1	-26	4	61	10	0	1
1145001	PPM	0	0	42	1	289	4	231	3	1	1	0	3	1	4	-2	6	-5	7	-10	4	3	1	10	1	-20	4	53	10	-2	2
1145002	PPM	0	0	48	1	305	4	205	3	1	1	2	3	-6	4	-14	6	-8	7	4	4	2	1	10	1	-40	5	53	11	-1	1
1145003	PPM	0	0	52	1	326	4	266	4	0	1	-3	3	-2	4	1	6	-15	7	1	4	2	1	10	1	-16	4	41	10	-1	1
1145004	PPM	-1	0	46	1	315	4	231	3	0	1	-5	3	-2	4	-5	6	-5	7	-3	4	2	1	10	1	-22	4	50	10	-1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1145005	PPM	0	0	47	1	306	4	270	4	0	1	8	3	5	4	-4	6	-15	7	1	4	1	1	10	1	-18	4	42	10	-3	2
1145006	PPM	0	0	48	1	315	4	323	4	-1	1	1	3	-4	4	1	6	0	7	-7	4	3	1	11	1	-21	4	36	10	1	2
1145007	PPM	-1	0	48	1	285	4	344	5	2	1	-2	3	0	4	-13	6	1	7	4	4	1	1	12	1	-29	4	65	11	-2	2
1145008	PPM	0	0	46	1	291	4	281	4	0	1	4	3	4	4	-12	6	-1	7	-4	4	2	1	10	1	-31	4	63	11	1	1
1145009	PPM	0	0	48	1	281	4	338	4	1	1	-5	3	-5	3	-3	6	-8	6	0	4	1	1	11	1	-21	4	39	10	-1	1
1145010	PPM	0	0	45	1	296	4	287	4	2	1	7	3	-1	4	-14	6	-9	7	-1	4	2	1	11	1	-19	4	53	10	0	1
1145011	PPM	-1	0	45	1	247	3	306	4	0	1	11	3	3	3	-19	5	-8	6	-9	4	3	1	12	1	-19	4	56	9	-2	1
1145012	PPM	0	0	50	1	282	4	357	5	2	1	-1	3	-1	3	0	6	-10	6	-4	4	3	1	11	1	-13	4	58	10	-1	1
1145013	PPM	0	0	51	1	298	4	358	5	2	1	-2	3	-1	4	-14	6	0	7	-7	4	3	1	13	1	-13	4	60	10	-1	1
1145014	PPM	1	0	47	1	325	4	203	3	0	1	2	3	-1	3	-5	6	-4	6	-6	4	1	1	9	1	-15	4	52	10	1	1
1145015	PPM	0	0	47	1	252	4	340	4	0	1	-4	3	1	3	-7	6	1	6	-7	4	3	1	16	1	-14	4	31	9	1	1
1145016	PPM	0	0	44	1	298	4	286	4	0	1	-1	3	2	4	-9	6	-8	7	-3	4	1	1	11	1	-21	4	61	10	-1	1
1145017	PPM	0	0	47	1	288	4	255	3	0	1	0	3	1	3	9	6	7	6	1	4	4	1	8	1	-18	4	45	9	-1	1
1145018	PPM	0	0	45	1	260	4	367	5	0	1	5	3	0	4	4	6	-1	7	-7	4	2	1	12	1	-31	4	58	11	1	1
1145019	PPM	0	0	44	1	295	4	322	4	0	1	1	3	4	3	-5	6	-3	6	-10	4	2	1	13	1	-7	4	26	9	0	1
1145020	PPM	0	0	51	1	277	4	279	4	1	1	-4	3	-2	4	-11	6	-7	6	-8	4	3	1	12	1	-23	4	32	10	1	1
1145021	PPM	0	0	50	1	289	4	265	4	1	1	-3	3	-2	3	-6	6	-5	6	-5	4	2	1	11	1	-16	4	59	10	-2	1
1145022	PPM	0	0	50	1	293	4	323	4	4	1	-3	3	-5	4	-7	6	-7	7	-7	4	2	1	11	1	-21	4	53	10	1	1
1145023	PPM	0	0	48	1	295	4	342	5	1	1	-7	3	6	4	-3	6	-11	6	1	4	0	1	11	1	-15	4	42	10	-1	1
1145024	PPM	0	0	16	1	161	3	198	3	4	1	-6	3	0	4	1	6	3	7	-3	4	2	1	16	1	-19	4	35	9	-1	1
1145025	PPM	1	0	5	0	49	1	5	1	1	1	6	3	10	3	-35	4	5	4	-26	3	-3	1	1	1	-54	4	-21	6	-2	1
1145026	PPM	-1	0	6	0	37	1	9	1	1	1	8	3	5	3	-46	4	3	4	-30	3	-4	1	-1	1	-57	4	-13	6	-3	1
1145027	PPM	-1	0	9	0	32	1	6	1	1	1	9	3	7	3	-36	4	7	5	-27	3	-4	1	12	1	-71	4	-14	6	-2	1
1145028	PPM	-2	0	7	0	35	1	1	1	2	1	13	3	13	3	-32	4	5	4	-21	3	-5	1	0	1	-68	4	-10	6	-2	1
1145029	PPM	-1	0	8	0	33	1	6	1	0	1	7	3	7	3	-41	4	-1	5	-26	3	-6	1	5	1	-64	4	-17	6	-3	1
1145030	PPM	0	0	37	1	269	4	302	4	4	1	-5	3	-3	4	-6	6	-9	7	-14	4	2	1	9	1	-26	4	70	11	-3	1
1145031	PPM	0	0	42	1	300	4	251	4	2	1	0	3	4	4	-3	6	4	7	1	4	3	1	9	1	-9	4	44	10	-1	2
1145032	PPM	0	0	48	1	297	4	377	5	1	1	-4	3	-1	4	3	6	-7	7	-3	4	2	1	12	1	-25	4	56	11	0	1
1145033	PPM	0	0	31	1	231	3	241	3	1	1	-2	3	1	3	-7	6	-5	6	-6	4	2	1	13	1	-25	4	32	9	-1	1
1145034	PPM	0	0	40	1	242	4	307	4	-1	1	2	3	2	4	-11	6	-2	7	-6	4	1	1	14	1	-25	4	37	10	-2	1
1145035	PPM	-1	0	8	0	32	1	9	1	1	1	6	3	9	3	-42	4	7	4	-18	3	-6	1	1	1	-54	4	-6	6	-2	1
1145036	PPM	0	0	45	1	319	4	269	4	2	1	0	3	1	3	-10	6	-27	7	2	4	2	1	9	1	-18	4	58	10	-1	1
1145037	PPM	0	0	35	1	194	3	181	3	2	1	-1	3	1	4	-4	6	11	7	-11	4	1	1	10	1	-20	4	48	9	0	2
1145038	PPM	1	0	45	1	354	5	250	4	-1	1	-2	3	-4	4	2	6	-8	7	-3	4	3	1	9	1	-10	4	47	10	1	1
1145039	PPM	0	0	46	1	306	4	157	3	2	1	-4	3	7	4	-5	6	-12	7	-1	4	4	1	11	1	-17	4	52	10	-2	1
1145040	PPM	-1	0	10	0	67	1	24	1	0	1	10	3	11	3	-38	4	5	4	-22	3	-5	1	2	1	-57	3	-14	5	-2	1
1145041	PPM	-1	0	8	0	40	1	9	1	0	0	8	3	5	2	-33	4	9	4	-18	3	-6	1	2	1	-39	3	-12	5	-3	1
1145042	PPM	-1	0	9	0	36	1	7	1	1	1	7	3	8	3	-23	4	14	5	-18	3	-5	1	5	1	-61	4	-9	6	-2	1
1145043	PPM	-1	0	10	0	36	1	7	1	0	1	9	3	6	3	-38	4	9	5	-18	3	-5	1	9	1	-61	4	-10	6	-2	1
1145044	PPM	-1	0	10	0	51	1	33	1	0	1	3	3	4	3	-34	4	7	5	-23	3	-6	1	-1	1	-45	4	-8	6	0	1
1145045	PPM	-1	0	9	0	36	1	8	1	0	1	9	3	10	3	-46	4	5	4	-21	3	-5	1	0	1	-68	4	-9	6	-2	1
1145046	PPM	-1	0	9	0	35	1	5	1	0	1	12	3	8	3	-32	4	12	5	-25	3	-3	1	6	1	-65	4	-10	6	-2	1
1145047	PPM	0	0	9	0	30	1	5	1	-1	0	12	3	3	2	-33	4	5	4	-23	3	-5	1	-1	1	-54	3	-18	5	-1	1
1145048	PPM	-1	0	6	0	31	1	3	1	0	1	9	3	10	3	-39	4	10	4	-28	3	-5	1	3	1	-58	4	-11	6	-3	1
1145049	PPM	-1	0	6	0	28	1	5	1	-1	0	10	3	7	2	-37	4	4	4	-28	3	-5	1	2	1	-62	3	-12	5	-2	1
1145050	PPM	-1	0	10	0	26	1	3	1	0	1	11	3	8	3	-32	4	0	4	-19	3	-5	1	1	1	-58	4	-17	5	-3	1
1145051	PPM	0	0	51	1	275	4	398	5	0	1	1	3	-1	3	-1	6	-10	6	-3	4	2	1	15	1	-23	4	53	10	2	1
1145052	PPM	0	0	46	1	305	4	229	3	1	1	-1	3	5	4	0	6	-6	7	0	4	0	1	10	1	-24	4	62	10	-1	1
1145053	PPM	1	0	40	1	265	4	262	4	0	1	-3	3	3	3	-5	6	-1	6	-7	4	2	1	9	1	-22	4	37	9	-4	1
1145054	PPM	0	0	47	1	265	4	428	5	2	1	6	3	0	4	-12	6	-6	7	-4	4	2	1	13	1	-26	4	53	10	-2	1
1145055	PPM	0	0	48	1	289	4	386	5	0	1	5	3	2	4	4	6	3	7	-8	4	2	1	13	1	-29	4	61	10	0	1
1145056	PPM	0	0	41	1	304	4	241	4	2	1	3	3	4	4	-12	6	-4	7	-12	4	1	1	8	1	-25	4	41	10	0	1
1145057	PPM	1	0	41	1	302	4	313	4	1	1	0	3	4	3	-8	5	5	6	-10	4	4	1	10	1	-7	4	32	9	-1	1
1145058	PPM	0	0	47	1	344	4	271	4	0	1	-4	3	-4	3	-2	6	3	6	-7	4	2	1	8	1	-10	4	43	10	1	1
1145059	PPM	0	0	38	1	284	4	229	3	-1	1	-4	3	1	3	-11	5	-4	6	-15	3	1	1	13	1	-2	4	17	8	0	1
1145060	PPM	1	0	42	1	325	4	170	3	1	1	-4	3	5	3	-12	6	-3	6	-4	4	1	1	12	1	-10	4	26	9	-3	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1145061	PPM	1	0	38	1	308	4	175	3	0	1	-5	3	-2	3	-17	5	2	6	-3	4	0	1	13	1	-2	4	14	9	-1	1
1145062	PPM	0	0	47	1	352	4	326	4	1	1	-1	3	4	3	1	6	-3	6	-4	4	2	1	12	1	-3	4	38	10	-1	1
1145063	PPM	0	0	45	1	288	4	338	4	2	1	-2	3	-9	3	-1	6	-11	6	-9	4	1	1	11	1	-10	4	59	10	-1	1
1145064	PPM	0	0	45	1	307	4	359	5	0	1	-1	3	-1	3	-16	6	-12	6	-4	4	2	1	14	1	-8	4	49	10	1	1
1145065	PPM	0	0	48	1	286	4	342	4	0	1	1	3	-1	3	-8	6	-4	6	4	4	1	1	12	1	-14	4	47	10	-1	1
1145066	PPM	1	0	46	1	322	4	292	4	1	1	-3	3	-3	3	-10	6	-6	6	-8	4	3	1	9	1	-11	4	38	10	-1	1
1145067	PPM	1	0	47	1	292	4	284	4	0	1	0	3	2	3	-10	6	1	6	-9	4	1	1	11	1	-8	4	55	10	-1	1
1145068	PPM	0	0	46	1	285	4	276	4	0	1	-1	3	0	3	-2	5	5	6	-11	4	3	1	10	1	-8	4	18	9	2	1
1145069	PPM	0	0	45	1	346	4	128	2	1	1	-2	3	0	3	6	6	1	6	-10	4	1	1	9	1	-1	4	36	9	-1	1
1145070	PPM	-1	0	6	0	68	1	10	1	0	0	7	3	4	2	-30	4	9	4	-32	3	-5	1	2	1	-48	3	-16	5	-1	1
1145071	PPM	0	0	43	1	273	4	272	4	3	1	-1	3	4	3	-18	6	-11	6	-2	4	1	1	12	1	1	4	31	9	0	1
1145072	PPM	0	0	42	1	332	4	82	2	1	1	2	3	-2	3	2	6	-10	6	3	4	2	1	7	1	-14	4	26	9	1	1
1145073	PPM	0	0	43	1	340	4	107	2	1	1	0	3	0	4	8	6	-5	7	-3	4	2	1	9	1	-10	4	39	9	-1	1
1145074	PPM	0	0	45	1	330	4	209	3	1	1	-4	3	-2	3	-6	6	6	6	1	4	2	1	12	1	-7	4	27	9	-1	1
1145075	PPM	0	0	41	1	319	4	184	3	1	1	-1	3	-3	3	6	6	2	6	-1	4	1	1	11	1	-3	4	41	9	-1	1
1145076	PPM	0	0	45	1	356	5	113	2	2	1	-2	3	2	3	1	6	-1	6	-1	4	1	1	9	1	-9	4	29	9	-3	1
1145077	PPM	0	0	41	1	350	4	134	2	0	1	-5	3	4	3	-10	6	-6	6	-9	4	2	1	10	1	-3	4	28	9	0	1
1145078	PPM	0	0	40	1	324	4	154	3	-1	1	-3	3	-3	3	2	6	-14	6	-7	4	0	1	10	1	-10	4	31	9	1	1
1145079	PPM	0	0	46	1	292	4	405	5	3	1	0	3	2	4	6	6	2	7	-15	4	3	1	13	1	-17	4	79	11	-1	1
1145080	PPM	0	0	48	1	269	4	416	5	0	1	3	3	1	4	0	6	3	6	-3	4	3	1	13	1	-14	4	71	10	0	1
1145081	PPM	0	0	47	1	271	4	396	5	0	1	-3	3	-2	3	0	6	-6	6	-2	4	2	1	9	1	-19	4	53	10	0	1
1145082	PPM	0	0	45	1	264	4	362	5	0	1	1	3	2	4	-13	6	0	7	-6	4	1	1	18	1	-20	4	40	10	0	1
1145083	PPM	0	0	42	1	279	4	226	3	0	1	-2	3	3	3	-7	5	-6	6	-5	4	0	1	11	1	-5	4	30	9	0	1
1145084	PPM	0	0	44	1	340	4	216	3	0	1	-1	3	0	3	-3	6	-4	6	-6	4	1	1	8	1	-12	4	47	10	-2	1
1145085	PPM	0	0	42	1	301	4	195	3	2	1	-5	3	-3	3	-2	6	-2	6	-3	4	1	1	9	1	-9	4	19	9	0	1
1145086	PPM	0	0	40	1	298	4	214	3	-1	1	1	3	5	3	-8	6	-15	6	-7	4	3	1	10	1	-12	4	29	9	0	1
1145087	PPM	0	0	46	1	254	3	273	4	1	1	1	3	0	3	-4	6	-6	6	-7	4	3	1	12	1	-18	4	47	9	1	1
1145088	PPM	0	0	46	1	339	4	116	2	2	1	0	3	2	3	2	6	1	6	-12	4	4	1	11	1	-4	4	44	9	0	1
1145089	PPM	0	0	45	1	273	4	315	4	2	1	-5	3	-6	4	-17	6	-5	6	-2	4	2	1	10	1	-12	4	38	10	0	1
1145090	PPM	0	0	43	1	244	3	419	5	2	1	-2	3	-4	3	-6	5	2	6	-10	4	2	1	13	1	-15	4	50	9	-1	1
1145091	PPM	0	0	46	1	309	4	372	5	0	1	-1	3	2	3	-2	6	-2	6	-3	4	4	1	11	1	-14	4	53	10	-1	1
1145092	PPM	0	0	45	1	277	4	339	4	0	1	-6	3	5	3	-7	6	6	6	0	4	2	1	13	1	-18	4	42	9	0	1
1145093	PPM	0	0	47	1	322	4	229	3	0	1	2	3	4	3	-19	6	-13	6	-5	4	3	1	12	1	-5	4	19	9	4	1
1145094	PPM	-1	0	48	1	292	4	319	4	-1	1	1	3	1	3	-18	5	-6	6	-4	4	2	1	12	1	-16	4	34	9	1	1
1145095	PPM	-1	0	47	1	280	4	290	4	1	1	4	3	7	3	-17	6	-5	6	-2	4	1	1	11	1	-21	4	44	9	1	1
1145096	PPM	0	0	49	1	273	3	355	4	-1	1	-1	3	0	3	4	5	-5	6	-6	4	3	1	11	1	-11	4	36	9	1	1
1145097	PPM	0	0	48	1	264	4	318	4	-1	1	3	3	-2	3	-15	6	7	6	-1	4	2	1	11	1	-7	4	33	9	-2	1
1145098	PPM	0	0	46	1	294	4	261	4	0	1	0	3	-1	3	-14	5	3	6	-5	4	1	1	10	1	-9	4	37	9	1	1
1145099	PPM	0	0	47	1	355	4	263	4	0	1	-2	3	0	3	1	6	-2	6	-4	4	3	1	10	1	-8	4	40	10	0	1
1145100	PPM	-1	0	9	0	56	1	7	1	0	1	5	3	7	3	-43	4	9	4	-21	3	-5	1	12	1	-58	4	-15	6	-2	1
1145101	PPM	-2	0	8	0	44	1	5	1	0	0	6	3	7	2	-34	4	8	4	-18	3	-5	1	3	1	-59	3	-18	5	-3	1
1145102	PPM	0	0	11	0	46	1	18	1	1	1	7	3	6	3	-40	4	1	4	-29	3	-6	1	-1	1	-38	3	-7	6	0	1
1145103	PPM	-1	0	43	1	295	4	272	4	1	1	1	3	2	3	-10	6	1	6	-3	4	2	1	10	1	-21	4	35	9	0	1
1145104	PPM	0	0	44	1	297	4	316	4	2	1	-2	3	2	3	-10	6	-3	6	-7	4	3	1	12	1	-17	4	38	10	-1	1
1145105	PPM	0	0	47	1	306	4	287	4	-1	1	-1	3	-1	3	-8	6	-1	6	-10	4	3	1	12	1	-13	4	51	10	-1	1
1145106	PPM	0	0	41	1	303	4	257	4	1	1	2	3	3	3	-17	6	-13	6	-4	4	2	1	10	1	-25	4	53	10	-3	1
1145107	PPM	1	0	36	1	259	3	202	3	1	1	2	3	2	3	-16	5	7	6	-11	4	0	1	8	1	-16	4	42	9	-2	1
1145108	PPM	0	0	43	1	334	4	178	3	-1	1	-8	3	-1	3	-1	6	-10	6	-7	4	2	1	9	1	-21	4	41	9	1	1
1145109	PPM	0	0	49	1	339	4	237	3	0	1	-5	3	-3	3	-6	6	-12	6	-6	4	1	1	10	1	-9	4	60	10	-2	1
1145110	PPM	0	0	43	1	309	4	218	3	0	1	0	3	7	3	-12	6	-4	6	-13	4	1	1	10	1	-9	4	36	9	0	1
1145111	PPM	-1	0	11	0	65	1	15	1	1	1	12	3	11	3	-31	4	5	4	-25	3	-4	1	14	1	-70	4	-15	6	-3	1
1145112	PPM	-1	0	8	0	61	1	11	1	0	1	9	3	4	3	-36	4	5	4	-23	3	-6	1	0	1	-60	4	-13	6	-3	1
1145114	PPM	-1	0	6	0	42	1	6	1	0	0	10	3	12	2	-36	4	8	4	-20	3	-6	1	0	1	-61	3	11	6	-2	1
1145115	PPM	1	0	42	1	276	4	205	3	-1	1	-1	3	3	3	-10	5	-5	6	-8	4	0	1	9	1	-14	4	31	9	4	1
1145116	PPM	0	0	45	1	330	4	218	3	2	1	3	3	-4	3	-1	6	-9	6	-3	4	2	1	9	1	-7	4	29	9	-1	1
1145117	PPM	1	0	46	1	299	4	322	4	1	1	-4	3	-8	3	-7	5	3	6	-1	4	3	1	12	1	-1	4	47	9	2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1145118	PPM	-1	0	44	1	268	4	320	4	-1	1	-1	3	-3	3	-13	5	-4	6	-6	4	3	1	10	1	-24	4	43	9	1	1
1145119	PPM	3	0	16	0	84	1	37	1	1	1	11	3	5	2	-30	4	12	4	-19	3	-4	1	5	1	-35	3	-2	6	5	1
1145120	PPM	0	0	39	1	305	4	221	3	1	1	-1	3	-1	3	-9	6	6	6	-4	4	1	1	12	1	-20	4	23	9	-4	1
1145121	PPM	0	0	44	1	277	4	254	3	1	1	1	3	-1	3	-4	6	-6	6	2	4	3	1	11	1	-11	4	23	9	1	1
1145122	PPM	0	0	49	1	311	4	276	4	-1	1	-4	3	-7	3	-19	6	-10	6	3	4	0	1	13	1	-19	4	44	10	1	1
1145123	PPM	0	0	47	1	309	4	279	4	1	1	2	3	-1	3	-6	6	3	6	-2	4	2	1	11	1	-15	4	33	9	0	1
1145124	PPM	0	0	45	1	330	4	176	3	1	1	4	3	0	3	-10	6	3	6	-4	4	2	1	9	1	-12	4	29	9	-2	1
1145125	PPM	0	0	43	1	335	4	129	2	1	1	-2	3	-3	3	-5	6	-4	6	-4	4	2	1	10	1	-11	4	23	9	0	1
1145126	PPM	0	0	41	1	306	4	190	3	2	1	-1	3	-1	3	0	6	-9	6	-1	4	2	1	9	1	-12	4	38	9	-1	2
1145127	PPM	1	0	38	1	288	4	183	3	2	1	-6	3	-4	4	-10	6	7	6	-9	4	1	1	11	1	-17	4	49	10	4	1
1145128	PPM	0	0	42	1	328	4	171	3	0	1	-1	3	2	3	3	6	-13	6	-7	4	1	1	8	1	-11	4	48	9	1	1
1145129	PPM	0	0	40	1	308	4	265	4	1	1	-4	3	-4	3	-3	6	0	6	-3	4	1	1	9	1	-14	4	40	9	0	1
1145130	PPM	0	0	44	1	192	3	219	3	0	1	3	3	2	3	-21	5	3	5	-25	3	1	1	13	1	-22	4	40	8	0	1
1145131	PPM	0	0	41	1	328	4	211	3	4	1	-4	3	-3	4	1	6	-5	6	-7	4	3	1	10	1	-13	4	37	9	1	1
1145132	PPM	0	0	43	1	343	4	134	2	2	1	0	3	-3	3	-3	6	4	6	0	4	2	1	7	1	-6	4	15	9	1	1
1145133	PPM	1	0	38	1	283	4	233	3	1	1	1	3	0	3	-12	5	-6	6	-14	4	1	1	11	1	-11	4	43	9	1	1
1145134	PPM	0	0	48	1	298	4	321	4	-1	1	-1	3	5	3	-5	6	-3	6	0	4	3	1	11	1	-13	4	39	10	0	1
1145135	PPM	0	0	37	1	207	3	352	5	1	1	-7	3	-3	4	-3	6	-6	7	-4	4	3	1	12	1	-20	4	36	10	0	1
1145136	PPM	0	0	45	1	320	4	332	4	0	1	-1	3	0	3	-4	6	-3	6	-11	4	1	1	10	1	-20	4	36	10	1	1
1145137	PPM	0	0	45	1	321	4	211	3	2	1	1	3	-2	3	-1	6	4	6	-5	4	2	1	11	1	-12	4	37	9	-1	1
1145138	PPM	0	0	45	1	329	4	233	3	1	1	-4	3	-3	3	1	6	-4	6	-7	4	2	1	7	1	-8	4	43	9	-3	1
1145139	PPM	0	0	49	1	284	4	343	4	1	1	0	3	-1	3	-4	5	-13	6	-10	4	3	1	9	1	-5	4	37	9	0	1
1145140	PPM	0	0	48	1	313	4	246	3	1	1	-7	3	-2	4	-2	6	1	7	1	4	3	1	13	1	-13	4	36	9	-2	1
1145141	PPM	0	0	45	1	359	5	184	3	2	1	-1	3	2	3	-14	6	6	6	-7	4	2	1	9	1	-14	4	57	10	-1	1
1145142	PPM	0	0	45	1	305	4	286	4	-1	1	2	3	-2	3	-5	6	-16	6	-5	4	4	1	11	1	-13	4	31	9	-2	1
1145143	PPM	0	0	49	1	354	4	110	2	1	1	-3	3	4	3	-2	6	4	6	-11	4	3	1	9	1	-13	4	22	9	0	1
1145201	PPM	-1	0	42	1	274	4	306	4	0	1	-1	3	1	3	-8	6	1	6	-1	4	0	1	14	1	-14	4	47	10	0	1
1145202	PPM	0	0	47	1	341	4	120	2	1	1	-3	3	-7	3	-9	6	-1	6	-2	4	2	1	7	1	-9	4	36	9	0	1
1145203	PPM	0	0	48	1	356	5	200	3	1	1	-2	3	2	4	-10	6	-18	7	-7	4	3	1	10	1	-10	4	46	10	-2	1
1145204	PPM	0	0	43	1	337	4	167	3	0	1	-3	3	-2	3	-7	6	-17	6	-9	4	3	1	8	1	-12	4	33	9	-1	1
1145205	PPM	1	0	37	1	287	4	328	4	2	1	1	3	2	3	-14	5	4	6	-9	4	0	1	11	1	-16	4	34	9	-1	1
1145206	PPM	0	0	39	1	288	4	289	4	0	1	-2	3	6	3	-8	6	4	6	2	4	2	1	11	1	-19	4	20	9	3	1
1145207	PPM	0	0	45	1	334	4	245	3	0	1	0	3	2	3	1	6	-4	6	-6	4	3	1	11	1	-4	4	43	9	1	1
1145208	PPM	0	0	43	1	341	4	239	3	1	1	3	3	-3	3	1	6	-13	6	-8	4	2	1	9	1	-13	4	56	10	0	2
1145209	PPM	0	0	46	1	346	4	313	4	0	1	-3	3	2	4	-6	6	1	7	-1	4	2	1	11	1	-15	4	44	10	0	1
1145210	PPM	-1	0	39	1	292	4	121	2	1	1	1	3	-1	3	-23	5	3	5	-18	3	1	1	9	1	-22	4	23	8	-1	1
1145211	PPM	0	0	46	1	350	4	140	2	3	1	3	3	1	3	-5	6	-13	6	-8	4	3	1	10	1	-21	4	50	10	-1	1
1145212	PPM	0	0	47	1	337	4	235	3	1	1	-3	3	1	3	-4	6	-6	6	-3	4	3	1	9	1	-13	4	53	10	0	1
1145213	PPM	1	0	45	1	329	4	242	3	1	1	2	3	-1	3	-13	6	-8	6	-13	4	2	1	9	1	-8	4	27	9	-1	1
1145214	PPM	0	0	44	1	296	4	342	4	0	1	-7	3	3	3	-6	6	4	6	2	4	2	1	13	1	-18	4	44	10	0	1
1145215	PPM	0	0	43	1	267	4	306	4	2	1	3	3	-1	4	0	6	8	7	-5	4	1	1	14	1	-22	4	51	10	-1	1
1145216	PPM	0	0	8	0	46	1	6	1	1	0	11	3	5	2	-40	4	6	4	-21	3	-3	1	24	1	-56	3	-9	5	-2	1
1145217	PPM	0	0	40	1	274	4	338	4	1	1	-5	3	-7	3	-20	6	-15	6	-11	4	2	1	9	1	-19	4	49	10	-1	1
1145218	PPM	1	0	16	0	113	2	49	1	-1	1	10	3	8	3	-36	4	6	4	-16	3	-3	1	14	1	-26	3	0	6	5	1
1145219	PPM	1	0	41	1	298	4	210	3	1	1	3	3	3	4	-4	6	6	6	-2	4	0	1	13	1	-22	4	31	9	1	1
1145220	PPM	0	0	45	1	313	4	173	3	2	1	-3	3	2	4	-8	6	-4	6	0	4	1	1	14	1	-10	4	44	9	0	1
1145221	PPM	-1	0	46	1	332	4	217	3	2	1	-3	3	-3	4	-2	6	-7	7	0	4	2	1	9	1	-24	4	37	10	-2	1
1145222	PPM	0	0	34	1	252	3	185	3	0	1	5	3	9	3	-9	5	-9	6	-13	4	0	1	8	1	-26	4	35	9	1	1
1145223	PPM	0	0	47	1	324	4	242	3	1	1	-1	3	4	4	-11	6	-8	7	-5	4	4	1	10	1	-16	4	32	10	-1	1
1145224	PPM	0	0	44	1	264	4	261	4	-1	1	-1	3	-1	3	-12	5	-10	6	-8	4	2	1	29	1	-12	4	25	9	0	1
1145225	PPM	0	0	47	1	314	4	307	4	0	1	2	3	-5	4	-1	6	-13	7	-3	4	2	1	9	1	-19	4	61	10	0	1
1145226	PPM	0	0	48	1	311	4	341	5	1	1	-7	3	-1	4	-16	6	-6	7	-7	4	3	1	10	1	-16	4	41	10	-1	1
1145227	PPM	0	0	44	1	298	4	318	4	2	1	0	3	-1	4	-2	6	-5	7	-3	4	2	1	14	1	-20	4	56	10	1	1
1145228	PPM	-1	0	51	1	300	4	356	5	3	1	-6	3	-9	4	-4	6	-3	6	-6	4	2	1	13	1	-18	4	48	10	-2	1
1145229	PPM	0	0	46	1	272	4	317	4	0	1	0	3	-5	4	-5	6	-6	6	-4	4	2	1	14	1	-22	4	58	10	0	1
1145230	PPM	1	0	48	1	306	4	328	4	2	1	-3	3	8	4	9	6	-1	7	-8	4	3	1	12	1	-21	4	39	10	-1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1145231	PPM	0	0	45	1	319	4	209	3	3	1	4	3	1	3	5	6	-2	6	-6	4	3	1	12	1	-16	4	32	9	-1	2
1145232	PPM	0	0	42	1	301	4	340	5	3	1	2	3	1	4	-1	6	-1	7	-7	4	2	1	9	1	-24	4	46	10	0	1
1145233	PPM	1	0	44	1	311	4	299	4	0	1	1	3	0	4	0	6	-6	6	-7	4	3	1	11	1	-17	4	41	10	1	1
1145234	PPM	0	0	48	1	258	3	363	5	-1	1	3	3	-5	3	-20	5	-6	6	-5	4	0	1	16	1	-15	4	26	9	2	1
1145235	PPM	0	0	42	1	264	4	354	5	0	1	-1	3	0	3	-3	6	7	6	-8	4	2	1	12	1	-17	4	61	10	0	1
1145236	PPM	1	0	42	1	311	4	284	4	2	1	-2	3	-3	4	-1	6	-15	7	-8	4	1	1	10	1	-9	4	46	10	-3	1
1145237	PPM	-1	0	42	1	330	4	221	3	1	1	-2	3	2	3	-23	6	-2	6	-7	4	2	1	9	1	-15	4	49	10	-2	1
1145238	PPM	0	0	42	1	327	4	237	3	0	1	-5	3	1	3	-1	6	-5	6	-9	4	3	1	9	1	-11	4	52	10	0	1
1145239	PPM	0	0	43	1	304	4	279	4	0	1	4	3	3	4	-11	6	3	7	-6	4	1	1	11	1	-16	4	36	10	1	1
1145240	PPM	0	0	47	1	299	4	331	4	0	1	-8	3	-1	4	-9	6	-7	6	-2	4	1	1	10	1	-19	4	38	10	0	1
1145241	PPM	0	0	46	1	315	4	290	4	1	1	4	3	4	4	5	6	-4	6	-6	4	3	1	14	1	-17	4	35	10	1	1
1145242	PPM	-1	0	46	1	280	4	340	4	0	1	2	3	1	3	-4	6	-10	6	-6	4	2	1	13	1	-18	4	53	10	2	1
1145243	PPM	0	0	48	1	277	4	368	5	2	1	-5	3	-3	4	-4	6	0	7	-5	4	4	1	13	1	-15	4	53	10	-2	1
1145244	PPM	0	0	48	1	298	4	379	5	1	1	1	3	2	4	-7	6	1	7	-3	4	3	1	13	1	-21	4	51	10	0	1
1145245	PPM	0	0	48	1	263	4	372	5	1	1	-4	3	0	3	5	6	3	6	-3	4	2	1	12	1	-18	4	48	10	0	1
1145246	PPM	0	0	47	1	275	4	329	4	-1	1	4	3	-2	3	-8	6	-14	6	-6	4	3	1	13	1	-20	4	38	10	-1	1
1145247	PPM	-1	0	45	1	277	4	339	4	1	1	-2	3	2	4	-14	6	5	6	-9	4	0	1	13	1	-25	4	34	10	1	1
1145248	PPM	-1	0	48	1	266	4	333	4	1	1	-3	3	0	4	-17	6	-5	6	-3	4	1	1	12	1	-19	4	50	10	2	1
1145249	PPM	0	0	44	1	307	4	229	3	1	1	2	3	0	4	3	6	-7	7	-4	4	1	1	9	1	-19	4	46	10	0	2
1145250	PPM	0	0	45	1	308	4	249	4	1	1	-1	3	0	4	-6	6	3	7	-3	4	2	1	11	1	-17	4	45	10	2	1
1145251	PPM	0	0	44	1	333	4	103	2	1	1	3	3	7	4	-11	6	-18	6	-4	4	2	1	11	1	-17	4	33	9	1	1
1145252	PPM	0	0	38	1	246	3	163	3	0	1	3	3	6	3	-17	5	-4	6	-6	4	2	1	10	1	-17	4	21	8	0	1
1145253	PPM	0	0	38	1	277	4	168	3	2	1	-4	3	1	3	-8	6	-8	6	-5	4	1	1	9	1	-19	4	43	9	1	1
1145254	PPM	-1	0	43	1	319	4	130	2	2	1	0	3	-3	4	14	6	4	7	-3	4	3	1	10	1	-18	4	34	9	-1	2
1145255	PPM	0	0	41	1	333	4	181	3	1	1	-5	3	-3	4	-5	6	-6	7	0	4	2	1	9	1	-7	4	32	9	2	1
1145256	PPM	0	0	40	1	305	4	153	3	1	1	0	3	-3	4	-14	6	1	6	-8	4	1	1	10	1	-20	4	40	9	-1	1
1145257	PPM	0	0	45	1	297	4	239	3	0	1	1	3	-2	3	-9	6	-7	6	3	4	2	1	11	1	-11	4	32	9	1	1
1145258	PPM	0	0	49	1	298	4	169	3	-1	1	-5	3	2	3	-9	6	-7	6	2	4	1	1	9	1	-11	4	44	9	1	1
1145259	PPM	0	0	46	1	308	4	276	4	1	1	1	3	1	3	-3	6	0	6	1	4	1	1	11	1	-22	4	41	9	-1	1
1145260	PPM	0	0	46	1	291	4	206	3	0	1	-7	3	-4	3	-5	6	-3	6	-2	4	2	1	10	1	-12	4	35	9	-1	1
1145261	PPM	0	0	42	1	265	3	181	3	0	1	0	3	4	3	-3	6	-8	6	-4	4	1	1	10	1	-11	4	25	9	1	1
1145262	PPM	0	0	44	1	320	4	179	3	1	1	-5	3	-1	3	3	6	1	6	2	4	0	1	9	1	-11	4	25	9	2	1
1145263	PPM	1	0	43	1	288	4	267	3	0	1	-3	3	1	3	4	5	-7	6	-8	4	3	1	11	1	-5	4	43	9	2	1
1145264	PPM	0	0	42	1	307	4	189	3	0	1	-3	3	-4	3	2	6	2	6	0	4	4	1	10	1	2	4	27	9	0	1
1145265	PPM	-1	0	10	0	48	1	10	1	0	1	8	3	7	3	-42	4	-2	5	-22	3	-5	1	5	1	-57	4	-13	6	-2	1
1145266	PPM	0	0	47	1	317	4	220	3	0	1	-1	3	1	3	-9	6	-1	6	-2	4	2	1	10	1	-18	4	21	9	0	1
1145267	PPM	0	0	44	1	292	4	318	4	2	1	1	3	-3	4	10	6	0	6	-1	4	4	1	11	1	-11	4	21	9	0	1
1145268	PPM	0	0	45	1	314	4	195	3	2	1	1	3	3	3	3	5	-11	6	-4	4	1	1	10	1	-2	4	34	9	-2	1
1145269	PPM	0	0	40	1	221	3	333	4	-1	1	0	3	-1	4	-3	6	1	6	-5	4	1	1	11	1	-15	4	57	10	-1	1
1145270	PPM	0	0	44	1	287	4	330	4	1	1	-5	3	5	4	4	6	-8	6	-3	4	2	1	11	1	-6	4	51	10	-1	1
1145271	PPM	0	0	45	1	299	4	198	3	2	1	-11	3	1	4	-12	6	-8	7	-1	4	3	1	10	1	-16	4	35	10	-2	1
1145272	PPM	1	0	45	1	343	4	120	2	1	1	-4	3	-2	3	8	6	0	6	-2	4	1	1	10	1	-4	4	27	9	0	1
1145273	PPM	-1	0	7	0	34	1	8	1	1	1	9	3	7	3	-34	4	4	4	-17	3	-4	1	1	1	-45	4	-13	6	-3	1
1145274	PPM	0	0	43	1	260	4	234	3	0	1	1	3	-2	4	-1	6	0	6	-6	4	2	1	9	1	-15	4	26	9	1	1
1145275	PPM	-1	0	40	1	308	4	138	2	1	1	-3	3	1	3	-3	6	4	6	-1	4	2	1	8	1	-20	4	38	9	2	1
1145276	PPM	0	0	41	1	297	4	158	3	1	1	-3	3	1	4	-19	6	-3	6	-4	4	0	1	8	1	-27	4	37	9	0	1
1145277	PPM	0	0	44	1	318	4	213	3	2	1	-4	3	-1	3	-3	6	-9	6	0	4	1	1	10	1	-25	4	40	9	1	1
1145278	PPM	1	0	41	1	270	4	172	3	0	1	3	3	5	3	-19	5	6	6	-13	4	0	1	10	1	-11	4	58	9	-1	1
1145279	PPM	0	0	46	1	331	4	189	3	2	1	-2	3	-1	3	-3	6	-6	6	-6	4	3	1	10	1	-12	4	44	9	2	1
1145280	PPM	1	0	45	1	308	4	247	4	1	1	-1	3	-4	4	5	6	9	7	-7	4	3	1	9	1	-14	4	46	10	-2	2
1145281	PPM	0	0	46	1	333	5	224	3	0	1	4	3	1	4	6	6	-1	7	-1	4	3	1	10	1	-20	4	42	10	-1	1
1145282	PPM	-1	0	7	0	44	1	8	1	0	1	13	3	11	3	-41	4	8	4	-28	3	-4	1	2	1	-64	4	-12	6	-3	1
1145283	PPM	0	0	43	1	316	4	242	4	0	1	-5	3	0	4	3	6	-10	7	-1	4	1	1	11	1	-24	4	47	10	2	1
1145284	PPM	0	0	42	1	306	4	258	4	1	1	2	3	-1	4	2	6	-1	6	-15	4	1	1	10	1	-34	4	53	10	-3	1
1145285	PPM	-1	0	6	0	44	1	5	1	1	1	8	3	7	3	-32	4	7	4	-33	3	-4	1	3	1	-60	4	-7	6	-4	1
1145286	PPM	-1	0	46	1	320	4	279	4	0	1	-5	3	-2	4	-4	6	-1	7	-4	4	2	1	9	1	-27	4	41	10	-1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1145287	PPM	-1	0	46	1	317	4	281	4	-2	1	-5	3	4	3	-13	5	-11	6	3	4	4	1	11	1	-16	4	40	9	1	1
1145288	PPM	0	0	47	1	301	4	246	4	2	1	-8	3	-9	4	-14	6	-21	7	-7	4	2	1	9	1	-18	4	21	9	1	1
1145289	PPM	0	0	13	0	50	1	24	1	1	1	9	3	9	2	-32	4	8	4	-24	3	-4	1	1	1	-59	3	-20	5	0	1
1145290	PPM	0	0	10	0	47	1	16	1	0	1	13	3	9	2	-36	4	7	4	-20	3	-6	1	1	1	-50	3	-14	5	-1	1
1145291	PPM	-1	0	36	1	267	4	173	3	-1	1	6	3	0	3	-22	5	-3	6	-19	3	0	1	10	1	-23	4	34	9	-1	1
1145292	PPM	0	0	45	1	319	4	175	3	2	1	-7	3	-3	4	-7	6	1	7	-4	4	2	1	11	1	-19	4	31	9	-1	1
1145293	PPM	0	0	43	1	303	4	154	3	1	1	-1	3	-3	4	-11	6	-17	7	1	4	1	1	9	1	-15	4	25	9	-1	1
1145294	PPM	0	0	41	1	314	4	183	3	0	1	-3	3	-3	4	-1	6	-12	7	-3	4	1	1	7	1	-15	4	47	10	-1	1
1145295	PPM	1	0	45	1	336	4	140	2	0	1	-6	3	-3	4	12	6	-5	7	-1	4	3	1	10	1	-15	4	35	9	1	1
1145296	PPM	0	0	51	1	294	4	262	4	0	1	4	3	-4	3	-4	6	-3	6	0	4	0	1	11	1	-16	4	33	9	0	1
1145297	PPM	0	0	51	1	299	4	300	4	1	1	-1	3	-4	3	-2	6	-9	6	-7	4	2	1	12	1	-13	4	56	10	-1	2
1145298	PPM	0	0	45	1	306	4	208	3	0	1	-8	3	2	4	8	6	-3	7	1	4	2	1	11	1	-17	4	38	10	2	1
1145299	PPM	0	0	46	1	307	4	209	3	1	1	-3	3	4	4	-14	6	-1	7	-3	4	3	1	10	1	-19	4	19	9	1	2
1145300	PPM	0	0	39	1	317	4	315	4	1	1	-3	3	-2	4	-9	6	-3	7	-7	4	2	1	9	1	-22	4	14	9	4	1
1145301	PPM	0	0	45	1	279	4	294	4	0	1	-2	3	0	4	-3	6	-17	6	-10	4	3	1	13	1	-26	4	40	10	0	1
1145402	PPM	0	0	41	1	269	4	265	4	1	1	-3	3	-1	4	-8	6	-6	6	2	4	2	1	11	1	-13	4	33	9	0	1
1145403	PPM	0	0	46	1	317	4	246	4	1	1	-6	3	0	4	-4	6	1	7	0	4	2	1	14	1	-23	4	30	10	-2	1
1145404	PPM	0	0	43	1	299	4	205	3	1	1	-5	3	0	4	-10	6	-5	7	-8	4	2	1	10	1	-26	4	66	10	-1	1
1145405	PPM	0	0	44	1	261	4	359	5	1	1	2	3	1	4	-10	6	-11	6	-5	4	1	1	10	1	-17	4	72	10	-1	1
1145406	PPM	0	0	43	1	292	4	267	4	1	1	2	3	-1	4	-6	6	-6	7	-5	4	2	1	12	1	-20	4	46	10	0	1
1145407	PPM	1	0	44	1	263	4	274	4	0	1	2	3	7	3	-13	6	-4	6	-10	4	2	1	10	1	-21	4	43	9	-1	1
1145408	PPM	-1	0	43	1	258	4	306	4	1	1	0	3	-3	3	-11	6	-5	6	-6	4	2	1	10	1	-24	4	52	10	0	1
1145409	PPM	0	0	42	1	272	4	269	4	1	1	-2	3	2	4	-12	6	1	7	4	4	2	1	10	1	-21	4	46	10	1	2
1145410	PPM	0	0	46	1	338	4	284	4	0	1	-6	3	-6	4	-2	6	2	7	-2	4	2	1	12	1	-19	4	40	10	1	2
1145411	PPM	1	0	50	1	299	4	395	5	1	1	-4	3	-4	4	7	6	-7	7	-3	4	1	1	13	1	-11	4	54	10	4	1
1145412	PPM	0	0	43	1	264	4	329	4	1	1	0	3	3	4	-3	6	-1	7	-6	4	2	1	12	1	-21	4	41	10	-2	1
1145413	PPM	0	0	46	1	268	4	402	5	0	1	1	3	2	4	-4	6	-6	7	2	4	1	1	10	1	-33	4	64	10	0	1
1145414	PPM	0	0	44	1	265	4	310	4	2	1	-3	3	-4	4	-7	6	-5	6	0	4	2	1	10	1	-22	4	47	10	-2	1
1145415	PPM	0	0	42	1	267	4	291	4	1	1	-6	3	2	4	-8	6	6	6	-2	4	2	1	12	1	-25	4	37	10	0	1
1145416	PPM	1	0	48	1	271	4	421	6	1	1	2	3	1	4	-7	6	-6	7	-9	4	3	1	13	1	-24	4	61	10	-1	1
1145417	PPM	0	0	40	1	258	4	324	4	1	1	1	3	9	3	-6	6	-18	6	-8	4	1	1	12	1	-15	4	38	9	-1	1
1145418	PPM	-1	0	41	1	316	4	230	3	3	1	-3	3	-9	4	-5	6	-8	7	3	4	3	1	11	1	-24	4	43	10	0	1
1145419	PPM	0	0	47	1	325	4	371	5	3	1	-5	3	-3	4	-4	6	-9	7	0	4	2	1	10	1	-15	4	46	10	-1	1
1145420	PPM	0	0	49	1	301	4	365	5	0	1	-3	3	-4	3	4	6	1	6	-5	4	1	1	12	1	-14	4	45	10	0	1
1145421	PPM	0	0	46	1	281	4	342	4	1	1	-4	3	-2	3	-7	6	-10	6	-9	4	1	1	10	1	-13	4	57	10	1	1
1145422	PPM	0	0	47	1	275	4	314	4	0	1	0	3	1	4	-8	6	7	7	-1	4	1	1	15	1	-21	4	56	10	0	2
1145423	PPM	0	0	50	1	284	4	383	5	-1	1	5	3	8	4	-12	6	4	7	-3	4	3	1	12	1	-20	4	60	10	2	1
1145424	PPM	0	0	47	1	286	4	496	6	2	1	-4	3	-4	4	-4	6	-6	7	-8	4	2	1	10	1	-21	4	53	11	0	1
1145425	PPM	0	0	49	1	277	4	478	6	1	1	-2	3	-1	4	-3	6	2	7	-1	4	2	1	11	1	-25	4	83	11	-1	1
1145426	PPM	0	0	45	1	276	4	559	7	0	1	-4	3	2	4	-5	6	-12	7	-7	4	2	1	13	1	-23	4	61	11	-2	1
1145427	PPM	0	0	45	1	275	4	383	5	2	1	-3	3	5	4	19	6	2	7	-11	4	3	1	9	1	-14	4	71	10	2	1
1145428	PPM	1	0	44	1	276	4	413	6	4	1	-4	3	-7	4	-11	6	1	7	-16	4	3	1	14	1	-28	5	66	11	-1	1
1145429	PPM	1	0	49	1	294	4	242	3	1	1	3	3	-2	3	-3	6	-6	6	-5	4	2	1	12	1	-16	4	34	9	-1	1
1145430	PPM	0	0	46	1	269	4	244	3	1	1	-3	3	3	3	-6	6	3	6	-4	4	2	1	12	1	-11	4	35	9	-3	1
1145431	PPM	-1	0	43	1	278	4	231	3	1	1	3	3	4	4	-1	6	-10	6	-1	4	1	1	9	1	-18	4	27	9	1	1
1145432	PPM	0	0	43	1	284	4	247	4	1	1	-1	3	-2	4	-5	6	-7	7	-3	4	1	1	9	1	-20	4	32	9	3	1
1145433	PPM	0	0	48	1	287	4	343	4	1	1	-1	3	2	3	-10	6	-11	6	-6	4	2	1	11	1	-18	4	50	10	-2	1
1145434	PPM	0	0	46	1	295	4	334	5	0	1	-2	3	5	4	-12	6	-6	7	-11	4	3	1	12	1	-28	4	51	10	1	1
1145435	PPM	0	0	49	1	295	4	371	5	1	1	-8	3	4	4	-14	6	-9	6	-7	4	2	1	12	1	-19	4	52	10	0	1
1145436	PPM	1	0	44	1	246	4	362	5	1	1	2	3	2	4	1	6	-12	7	-6	4	1	1	15	1	-25	4	41	10	1	1
1145437	PPM	0	0	47	1	271	4	342	4	1	1	-2	3	-4	3	-4	6	-3	6	2	4	2	1	12	1	-13	4	25	9	0	1
1145438	PPM	-1	0	44	1	284	4	333	4	0	1	-6	3	-4	3	-6	6	-9	6	5	4	0	1	13	1	-17	4	23	9	-1	1
1145439	PPM	0	0	44	1	280	4	314	4	1	1	-1	3	6	4	-5	6	-23	7	-4	4	2	1	12	1	-8	4	62	10	-3	2
1145440	PPM	0	0	44	1	321	4	252	4	2	1	3	3	-3	4	3	6	-6	7	0	4	1	1	10	1	-20	4	46	10	-1	1
1145441	PPM	0	0	43	1	323	4	101	2	1	1	-2	3	-1	3	1	6	3	6	0	4	2	1	10	1	-12	4	36	9	4	1
1145442	PPM	0	0	49	1	330	4	231	3	0	1	5	3	3	4	-10	6	-4	6	-2	4	2	1	14	1	-24	4	74	10	-3	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1145443	PPM	1	0	47	1	305	4	292	4	4	1	-1	3	-4	4	-7	6	-23	7	-9	4	2	1	9	1	-35	4	61	11	-4	1
1145444	PPM	0	0	43	1	261	4	340	4	1	1	-4	3	-1	4	-10	6	-5	6	2	4	2	1	11	1	-15	4	34	9	1	1
1145445	PPM	0	0	46	1	293	4	242	4	0	1	-7	3	-3	4	-18	6	-13	7	-6	4	2	1	11	1	-20	4	50	10	0	1
1145446	PPM	0	0	36	1	269	4	232	3	-1	1	1	3	6	3	-9	5	-11	6	-8	4	0	1	9	1	-18	4	52	9	2	2
1145451	PPM	0	0	20	1	142	2	146	3	1	1	6	3	9	3	-27	5	-4	6	-26	4	0	1	1	1	-37	4	9	9	16	1
1145452	PPM	1	0	42	1	312	4	233	3	3	1	-4	3	-4	4	-5	6	-7	7	-12	4	3	1	10	1	-17	4	44	10	-2	1
1145453	PPM	0	0	39	1	303	4	156	3	0	1	4	3	2	3	-1	6	-10	6	-4	4	2	1	9	1	-14	4	36	9	1	1
1145454	PPM	0	0	40	1	336	4	201	3	-1	1	2	3	-2	4	0	6	3	7	-2	4	2	1	11	1	-19	4	47	10	0	1
1145455	PPM	0	0	30	1	204	3	138	2	-1	1	5	3	11	3	-26	4	3	5	-20	3	-2	1	8	1	-34	4	20	8	3	1
1145456	PPM	-1	0	43	1	342	4	131	2	1	1	-1	3	6	3	-5	6	-13	6	-1	4	1	1	9	1	-14	4	41	9	-1	2
1145457	PPM	0	0	43	1	323	4	194	3	1	1	-2	3	1	4	-8	6	-12	7	7	4	1	1	7	1	-36	4	40	10	0	1
1145458	PPM	0	0	46	1	298	4	267	4	2	1	3	3	5	4	-4	6	-5	7	-9	4	3	1	9	1	-15	4	42	10	0	1
1145459	PPM	0	0	44	1	292	4	293	4	1	1	7	3	4	3	-13	6	-10	6	-9	4	1	1	18	1	-21	4	24	9	-2	1
1145460	PPM	0	0	41	1	280	4	381	5	1	1	0	3	1	3	-6	6	0	6	-9	4	1	1	11	1	-30	4	41	9	-1	1
1145461	PPM	0	0	47	1	323	4	265	4	1	1	2	3	3	3	4	6	-5	6	-12	4	1	1	10	1	-19	4	41	9	-2	1
1145462	PPM	0	0	49	1	285	4	331	5	3	1	-5	3	-2	4	0	6	0	7	-6	4	2	1	11	1	-15	4	51	10	-2	1
1145463	PPM	0	0	46	1	279	4	302	4	1	1	1	3	-5	3	-13	5	-8	6	-7	4	2	1	13	1	-9	4	45	9	-2	2
1145464	PPM	0	0	45	1	352	5	232	4	2	1	-2	3	2	4	-5	6	-1	7	0	4	4	1	13	1	-30	4	51	11	-4	1
1145465	PPM	0	0	42	1	264	4	386	5	0	1	-6	3	0	4	0	6	-6	7	-13	4	3	1	11	1	-20	4	52	10	0	1
1145466	PPM	0	0	37	1	358	5	209	3	2	1	4	3	10	4	-3	6	-4	7	4	4	3	1	11	1	-24	4	38	10	-2	1
1145467	PPM	0	0	46	1	330	4	125	2	2	1	-2	3	0	4	-3	6	-11	7	-4	4	2	1	9	1	-23	4	39	9	-2	1
1145468	PPM	0	0	41	1	279	4	153	3	1	1	-1	3	3	4	-10	6	-10	7	2	4	3	1	10	1	-18	4	33	9	-1	1
1145469	PPM	0	0	46	1	341	4	77	2	1	1	-1	3	-3	4	1	6	-14	7	-3	4	2	1	9	1	-15	4	39	9	0	1
1145470	PPM	0	0	50	1	307	4	160	3	0	1	4	3	3	3	7	6	6	6	-5	4	2	1	11	1	-8	4	30	9	-1	1
1145471	PPM	0	0	48	1	303	4	232	3	1	1	-1	3	1	4	-19	6	-4	7	-7	4	2	1	8	1	-28	4	34	10	-1	1
1145472	PPM	1	0	44	1	338	4	233	3	1	1	-5	3	-4	4	-5	6	-6	7	-7	4	3	1	11	1	-8	4	38	10	1	1
1145473	PPM	0	0	48	1	278	4	376	5	0	1	3	3	2	4	-8	6	2	7	-5	4	3	1	14	1	-26	4	74	11	0	1
1145474	PPM	1	0	43	1	259	4	411	5	-1	1	0	3	5	4	-3	6	-4	7	-14	4	3	1	12	1	-25	4	45	10	2	1
1145475	PPM	0	0	46	1	283	4	282	4	0	1	-2	3	-4	4	2	6	-6	6	0	4	2	1	12	1	-17	4	41	10	1	1
1145476	PPM	1	0	42	1	255	4	242	4	1	1	-1	3	3	4	-3	6	-12	7	-2	4	3	1	12	1	-28	4	53	10	-1	1
1145477	PPM	0	0	44	1	323	4	200	3	1	1	-2	3	-3	4	4	6	-12	7	-8	4	2	1	10	1	-15	4	37	9	-1	1
1145478	PPM	1	0	36	1	249	3	211	3	0	1	1	3	-2	3	-20	5	-5	6	-9	4	0	1	8	1	-31	4	40	9	-1	2
1145479	PPM	0	0	45	1	333	5	104	2	2	1	-5	3	3	4	-5	6	12	7	-2	4	3	1	8	1	-23	4	40	10	0	2
1145480	PPM	0	0	41	1	320	4	152	3	2	1	0	3	-5	4	-5	6	-14	7	-1	4	2	1	9	1	-24	4	28	10	0	1
1145481	PPM	1	0	39	1	282	4	239	4	1	1	2	3	-1	4	-11	6	1	7	-5	4	2	1	8	1	-23	4	59	10	1	1
1145482	PPM	1	0	42	1	323	4	135	2	0	1	3	3	-2	3	-3	6	-11	6	-2	4	1	1	9	1	-25	4	46	9	0	1
1145483	PPM	1	0	40	1	308	4	158	3	1	1	-5	3	1	4	4	6	-10	6	-11	4	2	1	12	1	-16	4	52	10	1	2
1145484	PPM	0	0	43	1	341	4	206	3	0	1	-1	3	-2	4	1	6	5	7	-1	4	2	1	11	1	-11	4	47	10	0	1
1145485	PPM	0	0	42	1	319	4	119	2	0	1	0	3	-3	3	-8	6	-17	6	-1	4	0	1	8	1	-16	4	38	9	-1	1
1145486	PPM	0	0	44	1	330	4	192	3	1	1	-4	3	-1	4	6	6	-15	7	-3	4	1	1	9	1	-3	4	32	9	0	1
1145487	PPM	0	0	39	1	292	4	176	3	0	1	4	3	3	3	-19	5	-5	6	-14	4	0	1	8	1	-18	4	30	9	-2	1
1145488	PPM	0	0	47	1	257	3	317	4	1	1	1	3	4	3	-2	5	6	6	-7	4	1	1	11	1	-11	4	29	9	-1	1
1145489	PPM	0	0	44	1	331	4	174	3	-1	1	-3	3	1	3	-1	6	-9	6	-1	4	1	1	10	1	-10	4	25	9	3	1
1145490	PPM	0	0	45	1	332	4	314	4	2	1	-2	3	-1	3	-6	6	-8	6	1	4	2	1	9	1	-15	4	36	10	-1	1
1145491	PPM	0	0	40	1	310	4	165	3	-1	1	1	3	-4	3	-9	6	3	6	-3	4	1	1	11	1	-8	4	36	9	0	1
1145492	PPM	1	0	44	1	296	4	215	3	2	1	-2	3	0	4	-14	6	-7	6	-4	4	2	1	6	1	-9	4	34	10	-2	2
1145493	PPM	0	0	41	1	323	4	204	3	0	1	0	3	-4	4	-2	6	8	7	0	4	1	1	8	1	-10	4	30	10	-1	6
1145494	PPM	1	0	14	1	70	1	48	1	1	1	4	3	0	3	-36	4	0	4	-22	3	-3	1	5	1	-50	4	13	7	0	1
1145495	PPM	0	0	32	1	226	3	131	2	1	1	4	3	-2	3	-30	5	-5	5	-14	3	-2	1	6	1	-24	4	25	8	-2	1
1145496	PPM	1	0	38	1	246	3	204	3	-2	1	4	3	4	3	-26	5	-9	5	-14	3	1	1	6	1	-6	4	33	8	2	1
1145497	PPM	0	0	40	1	290	4	135	2	-1	1	-3	3	3	3	-12	5	-5	6	-5	4	0	1	9	1	-11	4	24	9	0	1
1145498	PPM	0	0	43	1	318	4	103	2	1	1	-1	3	0	3	-3	6	-17	6	-1	4	1	1	8	1	-1	4	33	9	2	1
1145499	PPM	1	0	28	1	188	3	123	2	2	1	5	3	4	3	-26	5	2	6	-15	4	-3	1	3	1	-22	4	33	9	1	1
1145500	PPM	0	0	41	1	316	4	168	3	0	1	-4	3	-3	3	1	6	-3	6	-10	4	1	1	8	1	-3	4	42	9	-1	1
1145551	PPM	0	0	48	1	276	4	339	4	-1	1	-7	3	-5	3	0	6	-3	6	-9	4	2	1	11	1	-18	4	29	9	1	2
1145552	PPM	0	0	45	1	331	4	268	4	0	1	-2	3	3	4	3	6	6	7	-2	4	3	1	10	1	-13	4	38	10	2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1145553	PPM	1	0	46	1	283	4	316	4	1	1	3	3	-1	3	-3	6	1	6	-3	4	2	1	14	1	-5	4	51	10	-1	1
1145554	PPM	1	0	46	1	271	4	312	4	1	1	1	3	2	3	-10	6	-5	6	-10	4	3	1	10	1	-19	4	46	9	-2	1
1145555	PPM	1	0	46	1	322	4	193	3	0	1	0	3	-1	3	-9	6	-8	6	-4	4	2	1	8	1	-5	4	54	10	1	1
1145556	PPM	0	0	49	1	311	4	292	4	1	1	0	3	0	4	-8	6	-12	6	-6	4	2	1	12	1	-18	4	56	10	-1	1
1145557	PPM	0	0	46	1	295	4	306	4	0	1	-4	3	-3	3	-13	6	-11	6	-10	4	2	1	10	1	-8	4	51	10	2	1
1145558	PPM	0	0	44	1	338	4	286	4	0	1	-1	3	-2	3	-3	6	4	6	-3	4	2	1	11	1	-10	4	64	10	0	1
1145559	PPM	0	0	46	1	333	4	239	3	1	1	-3	3	-5	4	5	6	-5	7	-4	4	3	1	10	1	-5	4	41	10	-1	2
1145560	PPM	0	0	46	1	344	5	250	4	1	1	-2	3	-6	4	-7	6	-14	7	-4	4	0	1	10	1	-11	4	36	10	2	1
1145561	PPM	0	0	45	1	342	4	234	3	0	1	-1	3	-8	4	-9	6	-20	7	-2	4	2	1	10	1	-14	4	44	10	-1	2
1145562	PPM	0	0	46	1	355	5	362	5	-2	1	-5	3	-7	4	4	6	9	7	-2	4	2	1	11	1	-13	4	40	10	0	1
1145563	PPM	0	0	46	1	344	4	265	4	1	1	-1	3	-2	4	-1	6	-4	7	-5	4	2	1	9	1	-16	4	38	10	-1	1
1145564	PPM	0	0	47	1	328	4	267	4	1	1	-1	3	-3	4	0	6	2	7	-4	4	2	1	11	1	-15	4	40	10	-1	1
1145565	PPM	0	0	46	1	333	4	253	4	1	1	4	3	2	3	5	6	-3	6	1	4	2	1	11	1	-21	4	44	10	-2	1
1145566	PPM	1	0	48	1	334	4	257	4	0	1	-2	3	-2	3	-8	6	-3	6	-4	4	1	1	10	1	-9	4	39	9	-1	1
1145567	PPM	0	0	47	1	337	4	275	4	1	1	1	3	8	3	-2	6	-1	6	-6	4	4	1	11	1	-20	4	43	10	-1	1
1145568	PPM	0	0	45	1	339	4	201	3	2	1	-5	3	1	4	-2	6	-2	6	-1	4	1	1	9	1	-7	4	46	10	-1	2
1145569	PPM	1	0	47	1	346	4	234	3	0	1	-2	3	-2	3	-10	6	-4	6	-3	4	4	1	10	1	-10	4	40	10	1	1
1145570	PPM	1	0	47	1	358	4	218	3	1	1	-1	3	-1	3	5	6	-1	6	5	4	2	1	11	1	-5	4	43	10	-2	2
1145571	PPM	0	0	49	1	354	5	222	3	1	1	-4	3	-4	4	-7	6	2	7	-1	4	3	1	11	1	-13	4	48	10	0	1
1145572	PPM	0	0	47	1	339	4	242	3	0	1	0	3	-5	3	-4	6	-11	6	-7	4	3	1	11	1	2	4	45	10	-2	1
1145573	PPM	0	0	48	1	295	4	297	4	0	1	0	3	-1	3	2	6	-12	6	0	4	2	1	13	1	-13	4	38	9	1	1
1145574	PPM	0	0	47	1	319	4	274	4	1	1	-2	3	-1	4	4	6	-15	7	-1	4	2	1	10	1	-16	4	52	10	0	1
1145575	PPM	0	0	46	1	333	4	199	3	1	1	0	3	-1	3	3	6	-5	6	1	4	3	1	9	1	-11	4	33	9	-1	2
1145576	PPM	0	0	43	1	334	4	257	4	1	1	-3	3	-3	4	-7	6	-3	7	-5	4	0	1	10	1	-22	4	33	10	1	1
1145577	PPM	0	0	47	1	272	4	301	4	1	1	-3	3	-5	3	-14	5	-5	6	-6	4	3	1	13	1	-17	4	31	9	-1	1
1145578	PPM	0	0	48	1	301	4	310	4	0	1	4	3	0	3	6	6	-4	6	-10	4	2	1	11	1	-8	4	48	10	3	1
1145579	PPM	0	0	47	1	295	4	311	4	0	1	-5	3	0	3	-7	6	-5	6	-8	4	1	1	10	1	-10	4	35	9	-1	1
1145580	PPM	0	0	46	1	316	4	255	4	1	1	-2	3	-3	4	-9	6	-3	7	-5	4	2	1	11	1	-15	4	62	10	-1	1
1145581	PPM	0	0	49	1	301	4	311	4	1	1	-4	3	1	4	-8	6	-10	6	-2	4	2	1	12	1	-15	4	56	10	1	1
1145582	PPM	1	0	47	1	315	4	268	4	-1	1	-6	3	-3	3	-5	6	1	6	-8	4	2	1	15	1	-9	4	38	9	1	1
1145583	PPM	0	0	46	1	312	4	284	4	-1	1	-2	3	1	3	-3	6	-11	6	-4	4	2	1	16	1	-6	4	38	9	2	1
1145584	PPM	1	0	48	1	312	4	293	4	0	1	0	3	-3	3	0	6	2	6	-7	4	2	1	12	1	-13	4	29	9	0	1
1145585	PPM	1	0	48	1	323	4	280	4	-1	1	-3	3	-5	3	6	6	-7	6	-5	4	0	1	11	1	-11	4	40	10	0	1
1145586	PPM	0	0	47	1	344	4	269	4	0	1	-3	3	2	4	15	6	-15	7	-5	4	3	1	12	1	-6	4	42	10	-1	2
1145653	PPM	0	0	48	1	351	5	295	4	1	1	-4	3	2	4	1	6	-4	7	1	4	0	1	10	1	-14	4	60	10	0	1
1145654	PPM	0	0	44	1	305	4	316	4	2	1	-6	3	-3	3	1	6	0	6	-6	4	2	1	11	1	-17	4	20	9	0	1
1145655	PPM	1	0	45	1	309	4	325	4	-1	1	0	3	6	3	-4	6	-4	6	-10	4	3	1	9	1	-15	4	34	9	2	1
1145656	PPM	0	0	44	1	303	4	314	4	1	1	-2	3	-3	3	-5	5	-14	6	-14	4	0	1	13	1	-8	4	35	9	0	1
1145657	PPM	0	0	42	1	301	4	324	4	0	1	1	3	6	3	-5	5	-4	6	-11	4	2	1	11	1	-10	4	35	9	1	1
1145658	PPM	0	0	45	1	316	4	310	4	-1	1	-2	3	4	3	-5	6	2	6	-8	4	3	1	11	1	-13	4	31	9	-1	1
1145659	PPM	0	0	43	1	304	4	345	4	-1	1	-2	3	2	3	-15	5	-8	6	-13	4	2	1	13	1	-18	4	42	9	1	1
1145660	PPM	0	0	43	1	309	4	301	4	1	1	-4	3	2	3	-4	6	-11	6	-9	4	2	1	12	1	-13	4	40	9	0	1
1145661	PPM	0	0	47	1	337	4	286	4	0	1	-1	3	-1	4	0	6	-13	7	2	4	1	1	10	1	-12	4	50	10	-3	1
1145662	PPM	0	0	47	1	348	4	304	4	1	1	-10	3	-10	4	5	6	-6	7	1	4	3	1	9	1	-11	4	43	10	0	1
1145663	PPM	0	0	45	1	333	4	296	4	1	1	-4	3	1	4	-5	6	-1	7	-1	4	2	1	11	1	-14	4	44	10	0	1
1145664	PPM	0	0	46	1	349	5	307	4	1	1	3	3	-3	4	-8	6	-9	7	1	4	3	1	11	1	-11	4	66	10	-2	2
1145665	PPM	0	0	48	1	335	4	262	4	-1	1	1	3	2	3	9	6	-4	6	-5	4	3	1	11	1	-17	4	35	10	3	2
1145666	PPM	0	0	48	1	345	4	312	4	0	1	6	3	2	4	0	6	2	7	-6	4	3	1	11	1	-12	4	52	10	1	1
1145667	PPM	0	0	46	1	338	4	263	4	1	1	0	3	3	3	-3	6	8	6	-4	4	2	1	11	1	-7	4	42	10	1	1
1145668	PPM	0	0	51	1	337	4	251	4	2	1	-1	3	-1	4	-12	6	-5	7	-6	4	3	1	11	1	-16	4	53	10	-1	1
1145669	PPM	1	0	45	1	330	4	312	4	0	1	-5	3	3	4	4	6	-1	7	-6	4	3	1	8	1	-20	4	46	10	-1	1
1145670	PPM	1	0	45	1	350	4	330	4	1	1	-5	3	-2	4	-3	6	-7	6	-5	4	1	1	10	1	-13	4	58	10	0	1
1145671	PPM	-1	0	44	1	314	4	293	4	-1	1	0	3	3	3	-1	6	-13	6	1	4	2	1	12	1	-9	4	37	9	0	2
1145672	PPM	0	0	47	1	341	4	268	4	1	1	-1	3	-1	3	-7	6	2	6	-10	4	2	1	9	1	-9	4	26	9	2	1
1145673	PPM	0	0	48	1	327	4	286	4	-1	1	0	3	0	3	0	6	-4	6	-2	4	1	1	11	1	-10	4	33	9	-1	1
1145674	PPM	0	0	46	1	321	4	279	4	1	1	1	3	-4	3	0	6	0	6	2	4	3	1	10	1	-26	4	50	10	-3	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1145675	PPM	-1	0	45	1	333	4	295	4	1	1	-3	3	-4	3	-4	6	-11	6	-7	4	1	1	11	1	-13	4	56	10	-1	1
1145676	PPM	-1	0	46	1	334	4	320	4	1	1	-2	3	-1	4	-4	6	-13	7	2	4	3	1	10	1	-16	4	68	10	-1	1
1145677	PPM	0	0	47	1	320	4	296	4	-2	1	-4	3	-2	3	1	6	3	6	-3	4	2	1	10	1	-10	4	41	9	-1	1
1145678	PPM	0	0	42	1	282	4	236	3	0	1	1	3	0	3	-7	5	-6	6	-12	4	2	1	9	1	-20	4	41	9	0	1
1145679	PPM	0	0	46	1	340	4	296	4	1	1	-1	3	4	3	7	6	-2	6	1	4	3	1	11	1	-5	4	40	10	1	1
1145680	PPM	0	0	44	1	324	4	327	4	-1	1	-5	3	-2	3	-12	6	-6	6	2	4	2	1	10	1	-10	4	46	10	1	1
1145681	PPM	0	0	45	1	331	4	234	3	0	1	1	3	2	4	-5	6	-2	6	-1	4	1	1	10	1	-14	4	48	10	1	1
1145682	PPM	1	0	44	1	323	4	296	4	0	1	0	3	0	3	8	6	4	6	-4	4	3	1	9	1	-2	4	36	9	2	1
1145683	PPM	0	0	44	1	316	4	336	4	-1	1	-5	3	6	3	-10	6	-12	6	-4	4	2	1	12	1	-7	4	21	9	2	1
1145684	PPM	0	0	45	1	329	4	326	4	0	1	-6	3	-4	3	-3	6	-3	6	-2	4	1	1	10	1	-12	4	52	10	-2	1
1145685	PPM	0	0	46	1	326	4	284	4	0	1	0	3	8	3	-2	6	-5	6	-7	4	3	1	10	1	-10	4	41	9	0	1
1145686	PPM	0	0	45	1	331	4	292	4	0	1	-5	3	-1	3	-4	6	-1	6	-1	4	3	1	11	1	-1	4	38	9	1	1
1145687	PPM	1	0	45	1	344	4	329	4	1	1	-3	3	1	3	2	6	-9	6	-2	4	1	1	8	1	-3	4	48	10	0	1
1145688	PPM	0	0	45	1	325	4	294	4	1	1	1	3	7	3	3	6	2	6	-1	4	3	1	10	1	-15	4	34	9	-2	1
1145689	PPM	0	0	46	1	330	4	292	4	0	1	0	3	-2	3	7	6	4	6	-2	4	2	1	9	1	-12	4	61	10	0	1
1145690	PPM	1	0	47	1	296	4	264	4	0	1	0	3	1	3	-7	6	-16	6	3	4	2	1	13	1	-10	4	53	10	2	1
1145691	PPM	0	0	45	1	332	4	76	2	1	1	1	3	-3	3	5	6	1	6	0	4	1	1	8	1	-7	4	17	9	0	1
1145692	PPM	0	0	47	1	322	4	264	4	-1	1	-7	3	-7	3	5	6	2	6	-4	4	2	1	10	1	-7	4	25	9	2	1
1145693	PPM	1	0	45	1	352	4	242	3	0	1	-2	3	1	3	1	6	0	7	-4	4	1	1	10	1	-7	4	46	10	-2	1
1145694	PPM	0	0	48	1	283	4	335	4	-1	1	-1	3	-1	3	-12	5	-1	6	-4	4	2	1	11	1	-11	4	35	9	-3	1
1145695	PPM	0	0	45	1	306	4	225	3	0	1	-3	3	1	3	-4	6	-5	6	2	4	2	1	11	1	-7	4	43	9	2	1
1145696	PPM	0	0	46	1	340	4	263	4	0	1	0	3	7	3	-3	6	-9	6	2	4	2	1	9	1	-2	4	43	10	0	1
1145697	PPM	0	0	48	1	315	4	326	4	-1	1	-4	3	-7	3	4	6	2	6	-1	4	2	1	9	1	-15	4	37	9	1	1
1145698	PPM	0	0	48	1	297	4	305	4	0	1	4	3	2	3	7	6	-8	6	0	4	1	1	11	1	-10	4	54	10	0	1
1145699	PPM	0	0	44	1	273	3	291	4	-2	1	-3	3	1	3	-8	5	3	6	-5	4	1	1	12	1	3	4	35	9	-1	1
1145700	PPM	-1	0	47	1	299	4	320	4	-1	1	-1	3	-7	3	-15	6	-3	6	0	4	1	1	12	1	-10	4	42	9	-1	1
1145701	PPM	0	0	43	1	317	4	127	2	-1	1	-1	3	-1	3	2	6	-4	6	-2	4	3	1	10	1	-8	4	43	9	1	1
1145702	PPM	0	0	40	1	276	4	191	3	0	1	0	3	0	3	-9	6	-3	6	-5	4	1	1	10	1	-13	4	18	9	-1	1
1145703	PPM	0	0	43	1	337	4	94	2	0	1	-1	3	0	3	-9	5	-3	6	-1	4	2	1	8	1	-12	4	30	9	-1	1
1145704	PPM	0	0	46	1	351	4	126	2	-1	1	-2	3	-2	3	-7	6	1	6	2	4	0	1	10	1	-9	4	38	9	2	1
1145705	PPM	0	0	43	1	330	4	84	2	1	1	1	3	3	3	8	6	-4	6	-2	4	2	1	9	1	1	4	21	9	0	1
1145706	PPM	0	0	42	1	319	4	219	3	0	1	-2	3	0	3	-6	5	2	6	-3	4	2	1	11	1	-14	4	29	9	-1	1
1145707	PPM	0	0	43	1	315	4	251	4	-2	1	-1	3	0	3	-8	6	-11	6	-6	4	1	1	13	1	-8	4	42	9	0	1
1145708	PPM	0	0	44	1	341	4	223	3	0	1	-2	3	-2	3	-5	6	-11	6	-11	4	2	1	9	1	-9	4	40	9	0	1
1145709	PPM	1	0	43	1	278	4	186	3	0	1	0	3	4	3	-25	5	-8	6	-9	4	1	1	9	1	-12	4	40	9	2	1
1145751	PPM	0	0	46	1	316	4	274	4	0	1	2	3	0	3	0	6	-6	6	-3	4	3	1	13	1	-11	4	46	9	0	1
1145752	PPM	0	0	41	1	261	3	195	3	-2	1	3	3	5	3	-15	5	5	6	-9	4	1	1	11	1	-8	4	22	8	1	1
1145753	PPM	-1	0	44	1	289	4	215	3	2	1	-4	3	-1	3	-15	6	-2	6	-6	4	0	1	10	1	-18	4	9	9	-3	1
1145754	PPM	0	0	43	1	301	4	197	3	0	1	-4	3	-1	3	-14	5	-9	6	-6	4	1	1	11	1	-20	4	7	9	2	1
1145755	PPM	0	0	47	1	289	4	304	4	-1	1	-5	3	2	3	-6	6	4	6	-5	4	3	1	12	1	-14	4	47	9	1	1
1145756	PPM	0	0	42	1	299	4	228	3	1	1	-1	3	3	3	-4	6	-8	6	-5	4	1	1	9	1	-16	4	35	9	-1	1
1145757	PPM	1	0	44	1	282	4	266	4	1	1	-6	3	-4	3	-1	6	-8	6	-1	4	1	1	9	1	-22	4	41	9	1	1
1145758	PPM	1	0	32	1	242	3	184	3	-1	1	4	3	3	3	-21	5	-10	5	-15	3	0	1	8	1	-12	4	14	8	3	1
1145759	PPM	-1	0	48	1	310	4	271	4	1	1	1	3	-1	3	-2	6	-4	6	-6	4	2	1	9	1	-19	4	32	9	-1	1
1145760	PPM	0	0	46	1	321	4	218	3	1	1	-9	3	1	3	-3	6	0	6	-8	4	1	1	13	1	-17	4	35	9	-1	1
1145761	PPM	1	0	47	1	328	4	267	4	2	1	-3	3	-7	4	2	6	8	7	-5	4	2	1	9	1	-9	4	35	10	-1	1
1145762	PPM	0	0	36	1	251	3	264	4	2	1	-3	3	-3	3	-14	6	-2	6	-8	4	2	1	10	1	-10	4	20	9	0	1
1145763	PPM	0	0	50	1	296	4	294	4	1	1	1	3	-4	3	-13	6	3	6	-6	4	2	1	12	1	-21	4	48	10	-2	1
1145764	PPM	1	0	43	1	275	4	275	4	0	1	1	3	-4	3	-12	5	-12	6	-9	4	1	1	11	1	-20	4	45	9	1	2
1145765	PPM	-1	0	44	1	277	4	267	4	0	1	2	3	1	4	-10	6	-3	7	-6	4	3	1	10	1	-36	4	45	10	4	1
1145766	PPM	-1	0	32	1	173	2	125	2	-1	1	4	3	3	3	-33	4	9	5	-23	3	-2	1	12	1	-41	4	16	8	-2	1
1145767	PPM	0	0	52	1	314	4	296	4	0	1	0	3	-1	4	-11	6	-7	6	-12	4	1	1	11	1	-23	4	70	10	-2	1
1145768	PPM	0	0	55	1	293	4	272	4	0	1	4	3	5	3	-19	6	0	6	-9	4	0	1	13	1	-29	4	59	10	-1	1
1145769	PPM	1	0	61	1	269	4	260	4	-1	1	-5	3	0	3	-6	6	1	6	-2	4	1	1	12	1	-19	4	59	10	2	1
1145770	PPM	-1	0	6	0	49	1	7	1	1	1	11	3	11	3	-40	4	-6	5	-24	3	-6	1	3	1	-61	4	-16	6	-2	1
1145771	PPM	0	0	41	1	279	4	231	3	0	1	9	3	4	3	-33	5	-11	6	-12	4	0	1	12	1	-37	4	37	10	0	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1145772	PPM	-1	0	6	0	66	1	7	1	0	1	13	3	15	3	-41	4	2	5	-30	3	-4	1	5	1	-58	4	-4	7	-1	1
1145773	PPM	-1	0	19	1	156	2	87	2	1	1	10	3	8	3	-33	5	2	5	-23	3	-3	1	8	1	-55	4	12	8	0	1
1145774	PPM	2	0	27	1	159	2	123	2	-1	1	7	3	7	3	-37	4	10	5	-22	3	-2	1	7	1	-41	4	22	8	9	1
1145775	PPM	0	0	46	1	284	4	245	4	0	1	-2	3	1	4	-9	6	-8	6	-6	4	1	1	9	1	-27	4	22	9	-1	1
1145776	PPM	0	0	43	1	302	4	227	3	1	1	-4	3	0	3	-10	6	3	6	-7	4	1	1	9	1	-23	4	16	9	0	1
1145777	PPM	3	0	9	1	34	1	6	1	1	1	6	3	7	3	-35	5	4	5	-22	4	-3	1	5	1	-58	4	-20	7	-3	1
1145778	PPM	3	0	26	1	152	2	130	2	-1	1	7	3	7	3	-22	5	-1	5	-19	3	-2	1	5	1	-28	4	12	7	0	1
1145779	PPM	2	0	38	1	208	3	163	3	0	1	8	3	5	3	-32	5	1	5	-21	3	0	1	7	1	-45	4	33	9	-2	1
1145780	PPM	0	0	47	1	296	4	262	4	1	1	3	3	0	4	-14	6	-4	6	-6	4	3	1	11	1	-33	4	40	10	-2	1
1145781	PPM	0	0	42	1	265	4	339	4	0	1	0	3	0	3	-13	6	-1	6	-1	4	3	1	11	1	-16	4	41	10	0	1
1145782	PPM	0	0	46	1	253	3	367	5	1	1	3	3	6	3	-11	5	-3	6	-8	4	2	1	11	1	-15	4	52	10	0	1
1145783	PPM	0	0	44	1	263	4	312	4	1	1	1	3	4	3	-21	5	-19	6	-14	4	2	1	12	1	-20	4	55	10	1	1
1145784	PPM	0	0	41	1	209	3	356	5	0	1	-1	3	1	4	-18	6	2	6	-10	4	2	1	9	1	-24	4	49	10	0	1
1145785	PPM	3	0	13	1	65	1	43	1	-1	1	8	3	10	3	-39	4	4	4	-25	3	-3	1	3	1	-39	4	2	6	8	2
1145786	PPM	0	0	45	1	335	4	188	3	1	1	-4	3	1	4	-12	6	5	7	-6	4	3	1	10	1	-16	4	39	10	2	1
1145787	PPM	0	0	48	1	290	4	277	4	-1	1	1	3	-6	3	-3	6	3	6	-11	4	0	1	8	1	-22	4	66	10	-3	1
1145788	PPM	0	0	43	1	295	4	195	3	1	1	-1	3	4	3	-12	6	10	6	-8	4	1	1	8	1	-13	4	64	10	-2	1
1145789	PPM	1	0	10	0	48	1	15	1	0	1	12	3	11	3	-33	4	4	4	-26	3	-4	1	2	1	-58	4	-7	6	-1	1
1145790	PPM	-1	0	10	0	123	2	6	1	-1	1	7	3	4	3	-34	4	4	4	-23	3	-3	1	2	1	-52	4	-12	6	-2	1
1145791	PPM	-1	0	7	0	39	1	8	1	-1	1	8	3	8	2	-38	4	7	4	-25	3	-5	1	12	1	-49	3	-16	5	-1	1
1145792	PPM	-1	0	7	0	54	1	6	1	0	1	8	3	7	3	-37	4	11	4	-23	3	-5	1	-1	1	-50	3	-14	5	-3	1
1145793	PPM	0	0	7	0	63	1	5	1	0	1	12	3	5	3	-40	4	-2	4	-31	3	-5	1	22	1	-62	4	-10	6	-2	1
1145794	PPM	0	0	45	1	308	4	319	4	2	1	-6	3	-10	4	-5	6	-7	7	3	4	2	1	10	1	-24	4	57	10	-2	1
1145795	PPM	1	0	41	1	254	4	324	4	0	1	-4	3	-6	4	-19	6	-10	6	-9	4	4	1	10	1	-15	4	53	10	1	1
1145796	PPM	0	0	43	1	285	4	221	3	0	1	-4	3	1	4	-15	6	-1	6	-10	4	1	1	9	1	-29	4	44	10	0	2
1145797	PPM	0	0	49	1	328	5	349	5	2	1	-3	3	-2	4	1	6	-15	7	-5	4	3	1	11	1	-31	4	60	11	-2	1
1145798	PPM	0	0	51	1	297	4	324	4	0	1	2	3	1	3	-2	6	0	6	-4	4	2	1	10	1	-16	4	53	10	-2	1
1145799	PPM	0	0	56	1	306	4	272	4	0	1	-5	3	1	3	-12	6	3	6	-6	4	3	1	10	1	-29	4	79	10	-1	1
1145800	PPM	1	0	41	1	251	4	238	4	-2	1	2	3	3	4	-23	6	-9	6	-10	4	1	1	8	1	-25	4	59	10	2	1
1145801	PPM	1	0	13	1	82	2	40	1	1	1	10	3	7	3	-43	5	3	5	-24	3	-2	1	2	1	-60	4	4	7	-1	1
1145802	PPM	3	0	19	1	100	2	67	1	-1	1	6	3	6	3	-31	5	3	5	-28	4	-3	1	3	1	-41	4	0	7	2	1
1145803	PPM	0	0	44	1	287	4	156	3	1	1	-3	3	-3	4	3	6	-6	7	6	4	1	1	12	1	-11	4	35	9	0	2
1145804	PPM	0	0	47	1	348	5	113	2	3	1	3	3	3	4	-9	6	-2	7	-1	4	2	1	9	1	-31	4	33	10	-2	1
1145805	PPM	0	0	44	1	328	4	152	3	2	1	2	3	2	4	7	6	-8	7	-2	4	1	1	9	1	-26	4	51	10	-2	1
1145806	PPM	0	0	43	1	305	4	182	3	-1	1	3	3	-2	3	-8	5	4	6	-13	4	1	1	8	1	-21	4	50	9	1	1
1145807	PPM	0	0	44	1	327	4	196	3	3	1	1	3	4	4	-2	6	-9	7	0	4	2	1	11	1	-25	4	36	10	-2	2
1145808	PPM	0	0	43	1	324	5	135	3	4	1	2	3	5	4	4	6	4	7	-12	4	1	1	10	1	-33	4	39	10	0	1
1145809	PPM	0	0	42	1	297	4	82	2	0	1	-6	3	-8	3	-2	6	3	6	-2	4	0	1	7	1	-17	4	20	9	1	1
1145810	PPM	0	0	45	1	344	4	118	2	1	1	0	3	-1	4	12	6	-16	7	-4	4	2	1	10	1	-14	4	29	9	0	1
1145811	PPM	0	0	41	1	274	4	237	3	0	1	-3	3	-7	3	-1	5	-10	6	-3	4	3	1	10	1	-15	4	23	9	2	1
1145812	PPM	-1	0	42	1	273	4	302	4	1	1	-5	3	-4	3	-2	6	-2	6	2	4	0	1	11	1	-12	4	31	9	0	1
1145813	PPM	0	0	41	1	308	4	131	2	0	1	-1	3	-1	3	0	5	-8	6	-4	4	1	1	9	1	0	4	32	9	0	1
1145814	PPM	0	0	41	1	296	4	137	2	1	1	-2	3	6	3	8	6	-3	6	-11	4	1	1	10	1	-2	4	21	8	-2	1
1145815	PPM	-1	0	24	1	116	2	105	2	-2	1	6	3	6	2	-32	4	8	4	-24	3	-3	1	7	1	-27	3	-6	6	-1	1
1145816	PPM	0	0	44	1	291	4	164	3	-1	1	-1	3	1	3	0	6	0	6	-7	4	3	1	9	1	-10	4	41	9	-1	1
1145817	PPM	0	0	42	1	271	3	224	3	1	1	-4	3	3	3	-10	5	-14	6	-8	4	1	1	11	1	-14	4	27	9	0	1
1145818	PPM	1	0	22	1	136	2	125	2	0	1	5	3	4	3	-34	4	1	5	-17	3	-2	1	3	1	-11	3	8	7	2	1
1145819	PPM	0	0	43	1	330	4	82	2	0	1	-1	3	3	3	-2	6	-4	6	-4	4	1	1	8	1	-15	4	19	9	0	1
1145820	PPM	0	0	41	1	333	4	112	2	1	1	-1	3	-1	3	-7	5	-9	6	-11	4	3	1	11	1	-16	4	28	9	1	1
1145821	PPM	0	0	35	1	296	4	148	2	-1	1	4	3	5	3	-7	5	-3	6	-11	4	1	1	8	1	-27	4	30	9	0	1
1145822	PPM	0	0	10	1	44	1	23	1	0	1	13	3	4	3	-40	4	4	5	-24	3	-6	1	3	1	-63	4	-12	6	-3	1
1145823	PPM	-1	0	7	0	31	1	10	1	-1	1	8	3	12	2	-40	4	8	4	-24	3	-6	1	4	1	-47	3	-11	5	-2	1
1145824	PPM	-1	0	18	1	129	2	64	1	0	1	2	3	4	3	-25	4	0	5	-24	3	-4	1	2	1	-21	4	2	7	-1	1
1145825	PPM	0	0	40	1	325	4	157	3	2	1	3	3	-1	4	12	6	-5	7	-8	4	2	1	9	1	-12	4	34	9	1	1
1145826	PPM	-1	0	7	0	32	1	11	1	0	1	12	3	9	2	-38	4	2	4	-27	3	-5	1	1	1	-48	4	-24	5	-3	1
1145827	PPM	-1	0	7	0	32	1	9	1	-1	0	8	3	7	2	-42	4	1	4	-27	3	-5	1	2	1	-51	3	-15	5	-2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1145828	PPM	-1	0	8	0	26	1	4	1	1	1	15	3	10	3	-39	4	6	5	-25	3	-4	1	25	1	-68	4	-16	6	-1	1
1145829	PPM	0	0	38	1	260	3	287	4	0	1	-6	3	-2	3	0	5	0	6	-2	4	1	1	8	1	-8	4	49	9	0	1
1145830	PPM	0	0	44	1	323	4	165	3	1	1	1	3	3	4	-3	6	-5	7	-3	4	2	1	10	1	-18	4	38	9	1	1
1145831	PPM	0	0	41	1	285	4	221	3	0	1	-2	3	-4	3	-1	6	-10	6	-8	4	1	1	10	1	-19	4	41	9	0	1
1145832	PPM	0	0	40	1	256	3	103	2	0	1	-2	3	-7	3	-8	5	-15	6	-5	4	1	1	12	1	-14	4	19	8	0	1
1145833	PPM	1	0	42	1	302	4	165	3	-1	1	-1	3	1	3	1	5	-2	6	-7	4	2	1	10	1	-5	4	37	9	0	1
1145834	PPM	0	0	40	1	342	4	120	2	1	1	-2	3	-1	3	-2	6	-17	6	-4	4	2	1	6	1	-8	4	33	9	0	1
1145835	PPM	0	0	39	1	321	4	173	3	0	1	2	3	0	3	-7	5	-14	6	-15	4	3	1	9	1	-21	4	47	9	-4	1
1145836	PPM	0	0	44	1	301	4	248	3	-1	1	-4	3	8	3	-5	5	1	6	-9	4	2	1	10	1	-4	4	38	9	1	1
1145837	PPM	-1	0	41	1	309	4	155	3	3	1	4	3	-1	4	-1	6	-10	7	-4	4	2	1	10	1	-24	4	44	10	0	1
1145838	PPM	0	0	39	1	305	4	220	3	0	1	4	3	3	3	4	5	-9	6	-4	4	3	1	11	1	-6	4	39	9	0	1
1145839	PPM	0	0	42	1	359	5	215	3	2	1	-4	3	-3	4	3	6	4	7	-5	4	4	1	10	1	-11	4	42	10	-4	1
1145840	PPM	0	0	41	1	305	4	151	2	2	1	-4	3	0	3	5	5	-11	6	-1	4	2	1	9	1	-7	4	20	8	0	1
1145841	PPM	-1	0	7	0	25	1	12	1	-1	0	12	3	11	2	-40	3	8	4	-27	3	-5	1	4	1	-56	3	-22	5	-2	1
1145842	PPM	0	0	46	1	282	4	229	3	1	1	0	3	0	3	-10	5	0	6	-9	4	1	1	10	1	-12	4	48	9	-1	1
1145843	PPM	0	0	41	1	286	4	130	2	0	1	1	3	-1	3	-9	5	0	6	-9	4	3	1	10	1	-14	4	31	8	-1	1
1145844	PPM	-1	0	39	1	299	4	199	3	1	1	-1	3	0	3	1	6	-2	6	5	4	3	1	11	1	-20	4	45	9	-2	1
1145845	PPM	1	0	41	1	282	4	103	2	2	1	1	3	1	4	-11	6	0	7	0	4	2	1	12	1	-19	4	53	9	0	1
1145846	PPM	-1	0	41	1	289	4	116	2	1	1	1	3	-5	3	-5	6	-1	6	-8	4	2	1	10	1	-16	4	42	9	-2	1
1145847	PPM	0	0	43	1	337	4	62	2	1	1	-2	3	0	3	-2	6	-2	6	-2	4	2	1	9	1	-11	4	32	9	2	1
1145848	PPM	0	0	35	1	258	3	99	2	-1	1	-1	3	3	3	-7	5	0	5	-9	3	-1	1	7	1	-1	4	13	8	-1	1
1145849	PPM	0	0	40	1	295	4	196	3	1	1	-5	3	1	3	-1	6	1	6	-5	4	3	1	9	1	-17	4	29	9	0	1
1145850	PPM	0	0	42	1	280	4	215	3	0	1	-5	3	-3	3	-10	6	6	6	-6	4	1	1	9	1	-20	4	29	9	1	1
1145851	PPM	0	0	43	1	320	4	177	3	0	1	-1	3	0	3	-6	6	-2	6	7	4	0	1	9	1	3	4	25	9	1	1
1145852	PPM	0	0	45	1	348	4	147	2	2	1	1	3	-4	3	2	6	-4	6	-3	4	2	1	10	1	-7	4	28	9	1	1
1145853	PPM	0	0	45	1	315	4	254	3	0	1	-5	3	6	3	-13	5	-4	6	-6	4	2	1	12	1	-15	4	35	9	-1	1
1145854	PPM	0	0	43	1	306	4	253	3	1	1	-3	3	-2	3	-6	6	7	6	-4	4	2	1	10	1	-8	4	20	9	1	1
1145855	PPM	0	0	44	1	304	4	227	3	-1	1	-2	3	4	3	0	6	-4	6	-3	4	2	1	8	1	-11	4	24	9	1	1
1145856	PPM	0	0	43	1	318	4	174	3	1	1	-5	3	1	3	-6	6	-13	6	7	4	0	1	9	1	-9	4	43	9	1	1
1145857	PPM	-1	0	44	1	307	4	134	2	1	1	-2	3	0	4	-5	6	-5	7	5	4	1	1	11	1	-17	4	37	9	0	1
1145858	PPM	0	0	41	1	287	4	110	2	2	1	1	3	6	3	10	6	-2	6	-2	4	1	1	7	1	-1	4	16	8	1	1
1145859	PPM	0	0	44	1	300	4	134	2	2	1	1	3	3	4	9	6	-16	7	-6	4	2	1	11	1	-16	4	36	9	-2	1
1145860	PPM	0	0	43	1	300	4	178	3	2	1	-7	3	-1	4	-6	6	-5	7	-1	4	3	1	11	1	-17	4	24	9	1	1
1145861	PPM	0	0	44	1	311	4	142	2	2	1	-1	3	-4	4	8	6	-10	7	4	4	4	1	11	1	-22	4	21	9	-2	1
1145862	PPM	0	0	43	1	307	4	219	3	0	1	-5	3	-2	4	-13	6	-10	7	-3	4	1	1	10	1	-13	4	50	10	-1	1
1145863	PPM	1	0	44	1	308	4	146	3	1	1	-3	3	-1	4	1	6	-2	7	-7	4	4	1	11	1	-19	4	36	9	-3	1
1145864	PPM	0	0	42	1	310	4	163	3	1	1	-4	3	-7	3	6	6	-6	6	-4	4	2	1	10	1	-4	4	35	9	1	1
1145865	PPM	1	0	41	1	312	4	290	4	0	1	-6	3	-4	4	4	6	5	7	-5	4	3	1	10	1	-11	4	42	10	1	2
1145866	PPM	0	0	45	1	325	4	335	5	1	1	-1	3	-4	4	11	6	-7	7	-1	4	1	1	9	1	-14	4	60	11	0	1
1145867	PPM	1	0	42	1	300	4	179	3	0	1	-3	3	3	3	-4	6	3	6	-11	4	0	1	10	1	-11	4	26	9	0	1
1145868	PPM	0	0	44	1	323	4	198	3	1	1	-4	3	3	3	4	6	-4	6	-7	4	1	1	10	1	-6	4	44	9	-3	1
1145869	PPM	0	0	45	1	311	4	175	3	1	1	2	3	-2	4	-20	6	3	7	0	4	2	1	11	1	-20	4	37	10	0	2
1145870	PPM	1	0	43	1	285	4	227	3	1	1	0	3	-5	4	-8	6	-5	7	-7	4	1	1	9	1	-32	4	41	10	2	1
1145871	PPM	0	0	44	1	297	4	280	4	0	1	1	3	-7	3	1	6	1	6	-3	4	1	1	9	1	-18	4	60	10	-2	2
1145872	PPM	0	0	45	1	305	4	125	2	2	1	3	3	1	4	9	6	-4	7	-1	4	3	1	9	1	-15	4	42	10	2	1
1145873	PPM	0	0	43	1	307	4	247	4	0	1	-1	3	3	4	-10	6	-3	6	-4	4	3	1	13	1	-14	4	37	10	-1	1
1145874	PPM	0	0	44	1	298	4	154	3	1	1	-2	3	0	4	0	6	-9	7	-7	4	1	1	13	1	-11	4	27	9	0	1
1145875	PPM	0	0	44	1	316	4	146	2	1	1	1	3	0	3	2	6	-6	6	-3	4	2	1	10	1	-13	4	43	9	-3	1
1145876	PPM	0	0	43	1	309	4	166	3	1	1	1	3	3	4	-9	6	-14	7	-4	4	2	1	8	1	-29	4	42	10	-1	1
1145877	PPM	0	0	46	1	305	4	209	3	1	1	-6	3	2	3	-11	6	-2	6	-11	4	2	1	15	1	-9	4	34	9	-1	1
1145878	PPM	-1	0	41	1	304	4	292	4	1	1	-1	3	1	4	-15	6	-13	7	-5	4	1	1	12	1	-24	4	64	11	-2	1
1145879	PPM	0	0	43	1	317	4	315	4	1	1	1	3	-1	4	8	6	-1	7	-2	4	5	1	11	1	-12	4	44	10	0	1
1145880	PPM	0	0	43	1	305	4	147	2	3	1	-5	3	-2	3	-10	6	-1	6	0	4	1	1	14	1	-20	4	22	9	0	1
1146006	PPM	1	0	45	1	279	4	477	6	1	1	-1	3	-5	3	-11	5	-14	6	-13	4	2	1	11	1	-11	4	34	9	1	1
1146007	PPM	0	0	46	1	300	4	309	4	2	1	0	3	-4	3	-9	6	1	6	-8	4	0	1	10	1	-5	4	41	9	0	1
1146008	PPM	1	0	45	1	298	4	338	4	1	1	-2	3	-5	3	1	6	-10	6	-5	4	1	1	11	1	-10	4	35	9	0	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1146009	PPM	0	0	49	1	339	4	318	4	1	1	-6	3	-1	3	0	6	-8	6	-3	4	3	1	11	1	-16	4	37	10	-1	1
1146010	PPM	0	0	47	1	326	4	310	4	0	1	-6	3	-4	3	11	6	-7	6	-9	4	3	1	11	1	-11	4	26	9	0	1
1146011	PPM	-1	0	23	1	138	2	159	2	-1	1	9	3	5	3	-29	4	4	4	-25	3	-2	1	40	1	-49	4	-1	7	0	1
1146012	PPM	-1	0	32	1	171	3	154	3	-3	1	8	3	5	3	-33	5	11	5	-23	3	-2	1	9	1	-52	4	-11	8	3	1
1146013	PPM	0	0	43	1	287	4	352	5	1	1	-1	3	6	3	-5	6	2	6	-7	4	1	1	12	1	-10	4	38	10	-2	1
1146014	PPM	1	0	42	1	283	4	325	4	0	1	-5	3	-7	3	-20	6	-13	6	-7	4	2	1	13	1	-3	4	40	10	0	1
1146015	PPM	0	0	47	1	290	4	327	4	1	1	0	3	2	3	-6	5	-4	6	-11	4	3	1	11	1	-5	4	37	9	0	1
1146016	PPM	0	0	41	1	291	4	404	5	-1	1	0	3	-2	3	-24	5	-6	6	-15	4	2	1	12	1	-9	4	41	9	3	1
1146017	PPM	0	0	40	1	318	4	340	4	-1	1	0	3	0	3	-7	5	2	6	-7	4	1	1	16	1	-5	4	27	9	0	1
1146018	PPM	0	0	44	1	312	4	287	4	2	1	0	3	1	3	0	6	0	6	2	4	1	1	11	1	-7	4	52	10	-3	1
1146019	PPM	1	0	48	1	317	4	330	4	2	1	0	3	3	3	-3	6	-14	6	-10	4	1	1	11	1	-10	4	42	10	-2	1
1146020	PPM	0	0	43	1	318	4	282	4	1	1	-2	3	1	4	-1	6	-5	6	-8	4	1	1	9	1	-12	4	30	10	-1	2
1146021	PPM	0	0	40	1	333	4	460	6	-3	1	0	3	1	4	2	6	3	7	1	4	2	1	10	1	-14	4	65	11	3	1
1146022	PPM	0	0	48	1	276	4	539	7	1	1	4	3	5	3	5	6	-13	6	-11	4	3	1	12	1	-32	4	94	11	-1	2
1146023	PPM	-1	0	37	1	304	4	397	5	2	1	-4	3	-3	4	-5	6	7	6	-5	4	3	1	12	1	-23	4	96	11	2	1
1146024	PPM	1	0	52	1	264	4	365	5	1	1	-5	3	-5	3	-17	5	-8	6	-14	4	2	1	11	1	-16	4	38	9	-2	1
1146025	PPM	0	0	46	1	302	4	253	3	1	1	-3	3	-2	3	-4	6	-10	6	-5	4	1	1	12	1	-9	4	28	9	0	1
1146026	PPM	1	0	45	1	309	4	270	4	1	1	-3	3	-4	4	-4	6	6	6	-1	4	3	1	11	1	-13	5	105	11	1	1
1146027	PPM	-1	0	48	1	317	4	352	4	-1	1	-4	3	0	3	-13	6	-1	6	-9	4	3	1	9	1	-11	4	69	10	-2	1
1146028	PPM	0	0	43	1	335	4	381	5	1	1	-2	3	-3	3	-6	6	-2	6	-8	4	5	1	9	1	-13	4	36	10	-1	1
1146029	PPM	-1	0	44	1	304	4	283	4	1	1	0	3	-4	3	-9	6	-6	6	-8	4	1	1	10	1	-18	4	45	10	0	1
1146030	PPM	-1	0	34	1	254	3	300	4	-2	1	3	3	5	3	-22	5	-4	6	-16	3	1	1	12	1	-24	4	28	9	3	1
1146031	PPM	0	0	41	1	334	4	311	4	2	1	-2	3	3	3	-13	6	-12	6	-4	4	2	1	10	1	-20	4	40	10	-3	2
1146051	PPM	1	0	46	1	320	4	333	4	-1	1	2	3	4	4	-3	6	-5	6	-10	4	4	1	9	1	-8	4	43	10	1	1
1146052	PPM	0	0	40	1	322	4	127	2	1	1	-3	3	0	4	-7	6	2	7	5	4	2	1	8	1	-9	4	44	10	-3	1
1146053	PPM	1	0	40	1	304	4	248	3	-1	1	1	3	-7	3	-6	6	-8	6	-10	4	2	1	11	1	-6	4	38	9	1	1
1146054	PPM	0	0	39	1	334	4	234	3	0	1	-8	3	-3	4	-8	6	2	6	-5	4	2	1	7	1	-8	4	24	10	-1	1
1146055	PPM	0	0	36	1	327	4	190	3	-1	1	-3	3	0	3	-13	5	-2	6	-9	4	1	1	14	1	-13	4	44	9	-1	1
1146056	PPM	0	0	45	1	276	4	292	4	0	1	-5	3	2	3	-9	5	13	6	-10	4	3	1	12	1	-14	4	47	9	-3	1
1146057	PPM	0	0	32	1	182	3	254	4	2	1	-5	3	-5	4	-19	6	-5	7	-13	4	5	1	14	1	-23	4	46	9	-1	1
1146058	PPM	0	0	44	1	297	4	372	5	0	1	4	3	5	3	1	6	2	6	-3	4	1	1	12	1	-10	4	54	10	1	1
1146059	PPM	-1	0	7	0	41	1	9	1	2	1	10	3	8	3	-40	4	3	5	-25	3	-5	1	4	1	-63	4	-10	6	-2	1
1146060	PPM	0	0	43	1	330	4	250	3	0	1	-5	3	-1	3	-14	6	-10	6	-2	4	3	1	10	1	-1	4	56	10	-2	1
1146061	PPM	0	0	46	1	305	4	271	4	0	1	-4	3	2	3	0	6	-9	6	-4	4	1	1	13	1	-14	4	46	10	0	1
1146062	PPM	1	0	44	1	279	4	325	4	0	1	0	3	3	3	-6	5	-6	6	-9	4	1	1	13	1	-17	4	34	9	0	1
1146063	PPM	1	0	50	1	287	4	342	4	1	1	3	3	-1	3	0	6	-4	6	-7	4	3	1	12	1	-16	4	28	9	0	1
1146064	PPM	0	0	43	1	264	4	307	4	0	1	1	3	2	3	-4	6	1	6	-8	4	1	1	12	1	-12	4	40	9	2	1
1146065	PPM	0	0	49	1	276	4	342	4	1	1	2	3	3	3	2	6	0	6	0	4	1	1	15	1	-9	4	48	10	1	1
1146066	PPM	1	0	45	1	288	4	363	5	0	1	-1	3	-3	3	-4	6	-5	6	-10	4	2	1	13	1	-12	4	46	10	-1	1
1146067	PPM	0	0	45	1	309	4	338	4	2	1	-1	3	-1	4	-1	6	-2	6	-10	4	2	1	12	1	-15	4	57	10	0	1
1146068	PPM	0	0	43	1	288	4	330	4	0	1	-8	3	-5	3	2	6	-12	6	-8	4	1	1	11	1	-9	4	24	9	0	1
1146069	PPM	0	0	25	1	159	2	108	2	-1	1	8	3	5	3	-29	4	5	5	-20	3	-1	1	6	1	-38	4	-3	7	-1	1
1146070	PPM	-1	0	7	0	57	1	7	1	-1	0	12	3	10	2	-32	4	2	4	-31	3	-3	1	4	1	-50	3	-12	5	-3	1
1146071	PPM	0	0	44	1	283	4	357	5	-1	1	-2	3	-4	3	-2	6	-11	6	2	4	1	1	13	1	-4	4	42	10	-1	1
1146072	PPM	0	0	42	1	262	4	245	3	-1	1	-5	3	-1	3	-15	6	-10	6	-3	4	2	1	9	1	-22	4	44	9	0	1
1146073	PPM	0	0	43	1	312	4	299	4	1	1	-1	3	3	3	-11	5	-3	6	-10	4	2	1	8	1	-6	4	36	9	-1	1
1146074	PPM	0	0	12	1	37	1	21	1	0	1	11	3	7	3	-33	4	8	5	-16	3	-5	1	3	1	-61	4	-2	6	-1	1
1146075	PPM	0	0	42	1	328	4	350	5	-1	1	-4	3	3	3	-1	6	0	6	-6	4	3	1	11	1	-6	4	29	10	2	1
1146076	PPM	0	0	46	1	303	4	306	4	2	1	-1	3	2	3	-12	6	-6	6	-12	4	4	1	14	1	-12	4	37	9	2	1
1146077	PPM	1	0	45	1	308	4	325	4	1	1	-5	3	1	3	-3	6	4	6	-7	4	2	1	13	1	-15	4	55	10	1	1
1146078	PPM	0	0	45	1	260	4	379	5	2	1	4	3	1	3	-17	6	-11	6	-4	4	2	1	11	1	-14	4	60	10	-1	1
1146079	PPM	0	0	44	1	310	4	331	4	3	1	-4	3	0	3	-5	6	-5	6	-3	4	2	1	13	1	-18	4	67	10	0	1
1146080	PPM	0	0	46	1	339	4	216	3	0	1	1	3	0	3	3	6	-5	6	-2	4	2	1	11	1	-13	4	28	9	1	1
1146081	PPM	0	0	44	1	294	4	366	5	0	1	-4	3	-1	3	-11	6	-11	6	-5	4	2	1	11	1	-15	4	42	10	1	1
1146082	PPM	0	0	42	1	299	4	371	5	1	1	1	3	5	3	5	6	-4	6	-5	4	2	1	11	1	-15	4	38	10	0	1
1146083	PPM	1	0	48	1	347	4	432	5	-1	1	2	3	6	3	-9	6	-10	6	-6	4	5	1	11	1	-12	4	64	10	-2	2

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1146084	PPM	0	0	44	1	343	4	357	5	2	1	-5	3	-3	3	6	6	-4	6	-6	4	1	1	10	1	-14	4	66	10	2	1
1146085	PPM	0	0	48	1	343	4	349	5	2	1	-1	3	5	4	-2	6	6	6	-9	4	3	1	10	1	-15	4	39	10	0	1
1146086	PPM	0	0	45	1	331	4	335	4	-1	1	-9	3	-2	4	3	6	-10	7	3	4	3	1	11	1	-11	4	64	10	-1	1
1146087	PPM	0	0	47	1	281	4	409	5	-1	1	1	3	3	3	-7	5	0	6	-10	4	4	1	11	1	-15	4	34	9	2	1
1146088	PPM	1	0	38	1	278	4	290	4	-1	1	5	3	3	3	-9	5	-5	6	-14	4	0	1	7	1	-21	4	46	9	-1	1
1146089	PPM	0	0	21	1	135	2	87	2	-1	1	12	3	10	3	-32	4	4	4	-18	3	-3	1	6	1	-29	4	-7	6	-1	1
1146090	PPM	0	0	47	1	334	4	230	3	0	1	0	3	1	3	-10	6	4	6	-2	4	1	1	10	1	-15	4	39	9	-1	1
1146091	PPM	4	0	15	1	108	2	21	1	0	1	8	3	6	3	-32	4	2	5	-18	4	-3	1	11	1	-45	4	-26	7	1	1
1146092	PPM	-1	0	46	1	296	4	341	4	-1	1	-1	3	0	3	-17	5	-7	6	-4	4	2	1	12	1	-15	4	32	9	-1	1
1146093	PPM	0	0	48	1	304	4	337	4	1	1	-3	3	5	3	-15	6	-10	6	1	4	0	1	12	1	-12	4	51	10	2	1
1146094	PPM	0	0	57	1	292	4	386	5	0	1	-1	3	-2	3	-22	5	-5	6	-13	4	2	1	12	1	-14	4	29	10	2	1
1146095	PPM	0	0	40	1	279	4	336	4	0	1	1	3	4	3	-14	5	-2	6	-11	4	2	1	17	1	-5	4	28	9	1	1
1146096	PPM	1	0	46	1	312	4	382	5	2	1	-1	3	-3	3	-10	6	-10	6	-5	4	1	1	14	1	-13	4	34	10	0	1
1146097	PPM	0	0	46	1	311	4	336	4	0	1	-2	3	0	3	-11	6	-8	6	-8	4	1	1	11	1	-16	4	30	9	0	1
1146098	PPM	0	0	49	1	259	3	369	5	0	1	-2	3	-1	3	-7	5	3	6	-6	4	2	1	13	1	-18	4	36	9	2	1
1146099	PPM	0	0	44	1	260	4	385	5	0	1	1	3	0	3	-13	5	6	6	-5	4	1	1	14	1	-16	4	28	9	-2	1
1146100	PPM	0	0	35	1	184	3	328	4	-2	1	3	3	9	3	-34	5	-5	5	-24	3	2	1	30	1	-31	4	21	8	0	1
1146101	PPM	0	0	47	1	321	4	327	4	1	1	-5	3	0	3	0	6	-5	6	-5	4	2	1	11	1	-7	4	30	10	-1	1
1146102	PPM	-1	0	4	0	52	1	4	1	0	1	11	3	7	3	-39	4	9	4	-24	3	-6	1	1	1	-49	4	-14	6	-2	1
1146103	PPM	0	0	44	1	314	4	283	4	2	1	-3	3	0	3	-12	6	-1	6	-10	4	2	1	11	1	-15	4	34	10	1	1
1146104	PPM	1	0	44	1	296	4	326	4	0	1	-2	3	-3	4	-1	6	10	6	-10	4	2	1	14	1	-8	4	29	10	0	1
1146105	PPM	0	0	47	1	307	4	375	5	2	1	-5	3	-6	4	-7	6	2	6	0	4	2	1	10	1	-12	4	33	10	1	1
1146106	PPM	0	0	49	1	286	4	322	4	-1	1	2	3	1	3	-9	6	15	6	-6	4	2	1	11	1	-16	4	41	10	2	1
1146107	PPM	0	0	41	1	278	4	315	4	1	1	-1	3	5	3	-11	6	8	6	-10	4	2	1	11	1	-7	4	36	9	1	1
1146108	PPM	0	0	45	1	323	4	334	4	3	1	0	3	-1	4	-2	6	2	7	5	4	2	1	11	1	-15	4	60	10	-2	1
1146109	PPM	0	0	43	1	291	4	381	5	0	1	-1	3	3	3	-7	5	-7	6	-16	4	2	1	12	1	-23	4	53	10	2	1
1146110	PPM	0	0	41	1	279	4	311	4	0	1	-2	3	-4	3	-3	5	-12	6	-12	4	2	1	9	1	-14	4	44	9	-1	1
1146111	PPM	0	0	39	1	249	3	385	5	1	1	0	3	1	3	-6	5	1	6	-8	4	2	1	8	1	-10	4	47	9	0	1
1146112	PPM	1	0	45	1	340	4	383	5	1	1	0	3	-2	4	1	6	-5	7	-7	4	1	1	11	1	-15	4	34	10	-1	1
1146113	PPM	0	0	46	1	344	4	353	5	1	1	-1	3	-2	3	-7	6	2	6	-7	4	3	1	11	1	-13	4	40	10	-1	1
1146114	PPM	1	0	44	1	300	4	310	4	0	1	4	3	1	3	-4	5	0	6	-12	4	3	1	9	1	-12	4	40	9	0	1
1146115	PPM	0	0	5	0	53	1	11	1	0	1	10	3	9	3	-38	4	0	4	-23	3	-6	1	2	1	-41	4	-13	6	-1	1
1146116	PPM	-2	0	4	0	44	1	1	1	0	1	11	3	7	3	-32	4	8	4	-26	3	-4	1	2	1	-59	4	-20	5	-3	2
1146117	PPM	0	0	45	1	333	4	369	5	1	1	-1	3	-1	4	-9	6	-3	6	-8	4	3	1	13	1	-18	4	45	10	1	1
1146118	PPM	0	0	47	1	292	4	376	5	2	1	-2	3	7	3	-22	6	-8	6	-6	4	2	1	13	1	-17	4	42	10	-2	1
1146119	PPM	0	0	44	1	327	4	368	5	1	1	-1	3	0	4	5	6	1	7	0	4	2	1	9	1	-12	4	49	10	0	1
1146120	PPM	0	0	48	1	283	4	347	5	0	1	-4	3	-5	3	-12	6	2	6	-10	4	2	1	10	1	-17	4	37	10	0	1
1146121	PPM	0	0	48	1	329	4	367	5	0	1	1	3	-7	3	-13	6	-1	6	-2	4	1	1	11	1	-8	4	59	10	-4	1
1146122	PPM	0	0	46	1	279	4	328	4	0	1	1	3	5	4	-20	6	-6	6	-6	4	4	1	13	1	-17	4	31	10	0	1
1146123	PPM	0	0	46	1	268	4	404	5	0	1	0	3	1	3	-17	5	-15	6	-10	4	1	1	11	1	-18	4	43	9	0	
1140814	PPM	-2	1	9	1	23	1	8	1	4	1	9	3	3	5	-47	7	0	8	-29	5	-5	1	13	2	-83	6	-11	10	-4	1
1140815	PPM	0	0	39	1	278	4	242	3	0	1	1	3	-9	3	-5	5	-4	6	-8	4	0	1	10	1	-28	4	54	9	-1	1
1140816	PPM	0	0	45	1	285	4	265	4	1	1	-1	3	-2	4	-13	6	-4	7	-8	4	2	1	10	1	-31	4	26	10	0	1
1140817	PPM	1	0	29	1	173	3	140	3	1	1	10	3	10	4	-16	6	11	6	-20	4	-2	1	13	1	-58	5	12	9	0	1
1140818	PPM	-2	0	8	1	47	1	3	1	3	1	7	3	5	4	-35	5	-5	6	-17	4	-4	1	5	1	-80	5	-17	7	-2	1
1140819	PPM	-1	0	12	0	49	1	4	1	0	1	12	3	11	3	-34	4	2	4	-19	3	-4	1	8	1	-50	4	-12	6	-2	1
1140820	PPM	-1	0	6	0	53	1	10	1	-1	0	9	3	9	2	-31	3	4	4	-24	3	-6	1	1	1	-36	3	-11	5	-1	1
1140821	PPM	-1	0	6	0	43	1	7	1	1	1	6	3	13	3	-40	4	7	4	-24	3	-4	1	-1	1	-53	4	-7	6	-3	1
1140822	PPM	0	0	40	1	281	4	266	4	1	1	-2	3	0	3	3	6	5	6	1	4	1	1	11	1	-17	4	13	9	-2	1
1141251	PPM	1	0	43	1	248	3	239	3	0	1	2	3	-1	3	-25	5	-2	6	-16	3	2	1	9	1	-25	4	47	9	-1	1
1141252	PPM	0	0	47	1	268	3	292	4	0	1	1	3	1	3	-25	5	-15	6	-12	4	1	1	11	1	-15	4	22	9	1	1
1141253	PPM	1	0	30	1	162	2	152	2	-2	1	8	3	4	3	-33	4	9	4	-18	3	-2	1	6	1	-36	4	-6	7	-1	1
1141254	PPM	2	0	10	0	79	1	18	1	-1	1	6	3	7	2	-41	4	4	4	-24	3	-3	1	1	1	-48	3	-2	6	-1	1
1141255	PPM	1	0	28	1	163	2	95	2	-2	1	10	3	9	3	-31	4	2	5	-20	3	-2	1	6	1	-37	4	17	7	-1	1
1141256	PPM	1	0	21	1	131	2	74	1	0	1	6	3	6	3	-43	4	-1	4	-24	3	-3	1	5	1	-42	3	-2	6	-1	1
1141257	PPM	-1	0	17	1	120	2	38	1	-1	1	10	3	7	3	-33	4	3	4	-23	3	-3	1	10	1	-53	4	-10	6	-2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141258	PPM	0	0	41	1	280	4	240	3	0	1	1	3	0	3	-7	5	-8	6	0	4	1	1	8	1	-19	4	36	9	-1	1
1141259	PPM	0	0	46	1	282	4	246	4	0	1	0	3	3	4	-2	6	4	7	-2	4	2	1	10	1	-25	4	53	10	-2	1
1141260	PPM	0	0	43	1	280	4	263	4	2	1	1	3	1	3	-5	6	7	6	-6	4	1	1	10	1	-17	4	57	10	1	1
1141261	PPM	-1	0	44	1	304	4	227	3	2	1	5	3	3	3	-4	6	-1	6	0	4	1	1	10	1	-12	4	35	9	1	1
1141262	PPM	0	0	45	1	278	4	275	4	0	1	-6	3	-5	3	-4	6	3	6	-3	4	0	1	9	1	-21	4	25	9	1	1
1141263	PPM	0	0	46	1	337	4	234	3	1	1	2	3	-1	4	-1	6	4	7	1	4	1	1	11	1	-12	4	40	10	2	2
1141264	PPM	-1	0	8	0	58	1	11	1	1	1	12	3	12	3	-33	4	9	4	-23	3	-6	1	2	1	-68	4	-15	6	-3	1
1141265	PPM	-1	0	8	0	45	1	6	1	1	1	12	3	8	3	-36	4	8	5	-21	3	-4	1	9	1	-67	4	-1	6	-2	1
1141266	PPM	-1	0	7	0	48	1	4	1	-1	1	9	3	6	3	-39	4	3	4	-20	3	-4	1	2	1	-50	4	-22	6	-1	1
1141267	PPM	0	0	43	1	295	4	202	3	1	1	2	3	1	4	-12	6	-7	7	-8	4	2	1	8	1	-22	4	54	10	0	1
1141268	PPM	-1	0	40	1	296	4	148	2	1	1	-2	3	0	3	-11	5	-6	6	-5	4	0	1	12	1	-19	4	41	9	-1	1
1141269	PPM	0	0	7	0	51	1	8	1	1	1	7	3	7	3	-38	4	4	4	-26	3	-5	1	1	1	-56	4	-16	6	-4	1
1141270	PPM	0	0	8	0	53	1	3	1	2	1	14	3	2	3	-41	4	1	5	-21	3	-6	1	-1	1	-65	4	-11	6	-3	1
1141271	PPM	0	0	50	1	288	4	201	3	1	1	-2	3	1	3	2	6	-6	6	-6	4	2	1	9	1	-7	4	33	9	-2	1
1141272	PPM	-1	0	45	1	271	4	218	3	0	1	-3	3	1	4	5	6	-5	7	-2	4	3	1	10	1	-23	4	44	9	-1	1
1141273	PPM	0	0	42	1	306	4	132	2	0	1	0	3	4	4	3	6	-8	7	2	4	0	1	9	1	-15	4	38	9	-1	1
1141274	PPM	0	0	45	1	300	4	246	3	1	1	0	3	0	3	14	6	2	6	-4	4	2	1	9	1	-10	4	32	9	0	1
1141275	PPM	-2	0	6	0	50	1	2	1	0	1	12	3	9	3	-37	4	2	4	-23	3	-5	1	5	1	-56	4	-15	5	-2	1
1141276	PPM	-2	0	7	0	55	1	2	1	1	1	13	3	15	3	-36	4	8	4	-24	3	-4	1	4	1	-60	4	-17	6	-3	1
1141277	PPM	-2	0	5	0	48	1	1	1	0	1	12	3	10	3	-39	4	8	4	-24	3	-5	1	2	1	-70	4	-14	6	-3	1
1141278	PPM	-1	0	6	0	57	1	2	1	1	1	10	3	10	3	-39	4	6	4	-25	3	-5	1	1	1	-56	4	-17	6	-2	1
1141279	PPM	-1	0	43	1	311	4	190	3	1	1	-2	3	-6	4	-2	6	-9	7	-4	4	3	1	10	1	-15	4	34	9	1	1
1141280	PPM	0	0	42	1	300	4	217	3	1	1	-5	3	-2	4	3	6	-7	7	-12	4	2	1	8	1	-19	4	23	9	1	1
1141281	PPM	0	0	46	1	315	4	220	3	-1	1	-2	3	4	3	4	6	7	6	8	4	3	1	10	1	-17	4	29	9	1	1
1141282	PPM	0	0	23	1	133	2	53	1	1	1	8	3	4	3	-40	4	-4	5	-24	3	-3	1	28	1	-68	4	-7	7	1	1
1141283	PPM	0	0	37	1	241	3	179	3	0	1	0	3	-2	3	-13	5	-13	6	-14	3	1	1	14	1	-16	4	27	8	2	1
1141284	PPM	0	0	32	1	232	3	183	3	-1	1	4	3	-1	3	-13	5	1	6	-15	3	1	1	11	1	-11	4	23	8	0	1
1141285	PPM	0	0	41	1	306	4	141	3	3	1	-7	3	-2	4	2	6	10	7	-5	4	0	1	11	1	-35	4	41	10	0	1
1141286	PPM	-1	0	38	1	265	3	194	3	2	1	-2	3	2	3	-1	5	2	6	-4	4	1	1	8	1	-7	4	36	9	-3	1
1141287	PPM	-1	0	7	0	69	1	9	1	1	1	13	3	10	3	-36	4	5	4	-21	3	-5	1	2	1	-62	4	-13	6	-3	1
1141288	PPM	-1	0	6	0	64	1	5	1	0	1	12	3	7	3	-40	4	6	4	-26	3	-5	1	6	1	-51	4	-7	6	-1	1
1141289	PPM	-1	0	7	0	75	1	4	1	1	1	11	3	11	3	-36	4	7	5	-23	3	-5	1	14	1	-62	4	-4	6	-1	1
1141290	PPM	0	0	35	1	232	3	174	3	0	1	1	3	1	3	-19	5	-9	6	-18	4	0	1	9	1	-23	4	17	8	-2	1
1141291	PPM	0	0	37	1	242	3	190	3	1	1	1	3	4	3	-17	5	-7	5	-19	3	0	1	9	1	-15	4	33	8	-1	1
1141292	PPM	0	0	45	1	304	4	263	4	1	1	2	3	0	4	-14	6	-7	7	-8	4	3	1	8	1	-21	4	44	10	-1	1
1141293	PPM	0	0	44	1	273	4	275	4	0	1	-3	3	1	3	-13	6	-3	6	-14	4	2	1	12	1	-22	4	39	9	1	1
1141294	PPM	0	0	41	1	287	4	235	3	1	1	-5	3	-2	4	-2	6	3	7	2	4	2	1	10	1	-21	4	49	10	-2	1
1141295	PPM	0	0	40	1	262	4	220	3	2	1	-3	3	-6	3	-12	6	-10	6	-6	4	1	1	16	1	-22	4	37	9	-1	1
1141296	PPM	-1	0	43	1	272	4	231	3	2	1	-5	3	-8	3	0	6	-2	6	-2	4	2	1	10	1	-19	4	35	9	0	1
1141297	PPM	-2	0	5	0	15	1	2	1	2	1	11	3	7	3	-36	4	10	5	-31	3	-6	1	0	1	-102	4	-23	6	-2	1
1141298	PPM	-1	0	17	0	82	1	91	1	-2	1	9	3	8	2	-34	4	0	4	-29	3	-3	1	15	1	-46	3	-3	6	0	1
1141299	PPM	-1	0	44	1	283	4	236	4	2	1	0	3	3	4	3	6	-9	7	2	4	1	1	11	1	-27	4	42	10	-1	1
1141300	PPM	1	0	46	1	298	4	293	4	1	1	-2	3	5	4	-9	6	-6	7	-3	4	2	1	9	1	-22	4	33	10	0	1
1141301	PPM	0	0	46	1	310	4	160	3	3	1	-2	3	-11	4	4	6	1	7	0	4	2	1	9	1	-26	4	49	10	-1	1
1141302	PPM	0	0	45	1	323	4	207	3	2	1	-7	3	-7	3	-1	6	-10	6	-2	4	3	1	9	1	-8	4	41	9	1	1
1141303	PPM	0	0	42	1	330	4	82	2	2	1	-1	3	-3	3	-2	6	-15	6	-6	4	1	1	8	1	-14	4	40	9	-1	1
1141304	PPM	0	0	45	1	310	4	179	3	0	1	-4	3	1	3	-4	6	-3	6	2	4	2	1	10	1	-18	4	29	9	5	1
1141305	PPM	-1	0	34	1	226	3	137	2	-1	1	6	3	5	3	-16	5	5	5	-16	3	-1	1	10	1	-14	4	16	8	-1	1
1141306	PPM	0	0	43	1	327	4	154	3	2	1	1	3	-1	4	2	6	-3	7	-5	4	2	1	10	1	-9	4	44	9	-2	1
1141307	PPM	0	0	46	1	348	4	99	2	1	1	0	3	3	3	-11	6	-3	6	-7	4	2	1	8	1	-5	4	22	9	0	1
1141308	PPM	0	0	47	1	270	4	271	4	0	1	-1	3	4	3	-4	6	13	6	-5	4	2	1	11	1	-24	4	20	9	1	1
1141309	PPM	0	0	46	1	336	4	72	2	2	1	-3	3	2	3	-1	6	-2	6	2	4	2	1	9	1	-16	4	23	9	-2	1
1141310	PPM	1	0	46	1	297	4	267	4	1	1	-2	3	-4	4	9	6	-11	7	-9	4	3	1	10	1	-8	4	47	10	1	1
1141311	PPM	0	0	43	1	274	4	232	3	1	1	1	3	-4	4	-8	6	1	6	-3	4	0	1	13	1	-18	4	45	10	1	1
1141312	PPM	0	0	44	1	276	4	292	4	0	1	-3	3	-2	3	9	6	-9	6	-10	4	2	1	11	1	-14	4	44	9	-2	1
1141313	PPM	-1	0	11	0	96	2	28	1	-1	1	9	3	9	3	-31	4	1	4	-20	3	-3	1	7	1	-52	4	-17	6	-1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141314	PPM	-1	0	25	1	173	2	108	2	-2	1	4	3	4	3	-28	4	2	5	-20	3	-2	1	4	1	-31	4	-6	7	0	1
1141315	PPM	-1	0	19	1	125	2	66	1	0	1	9	3	8	3	-29	4	12	5	-27	3	-3	1	9	1	-46	4	11	7	-2	1
1141316	PPM	-1	0	11	0	80	1	21	1	1	1	7	3	8	3	-35	4	7	5	-23	3	-4	1	3	1	-54	4	-14	6	-3	1
1141317	PPM	-1	0	11	0	72	1	17	1	0	1	14	3	12	3	-33	4	1	4	-28	3	-4	1	13	1	-51	4	-18	6	-1	1
1141318	PPM	-1	0	11	0	76	1	13	1	0	1	11	3	10	3	-38	4	12	4	-25	3	-4	1	12	1	-63	4	-13	6	-1	1
1141319	PPM	-1	0	9	0	72	1	16	1	0	1	11	3	8	3	-40	4	4	4	-21	3	-5	1	6	1	-50	4	-3	6	-2	1
1141320	PPM	-1	0	9	0	80	1	13	1	0	1	9	3	11	3	-40	4	5	5	-23	3	-4	1	4	1	-58	4	-17	6	-2	1
1141435	PPM	0	0	39	1	238	3	227	3	1	1	-2	3	-5	4	0	6	-12	7	-2	4	0	1	10	1	-28	4	29	9	1	1
1141436	PPM	1	0	42	1	304	4	279	4	0	1	-1	3	2	3	-14	6	1	6	-8	4	3	1	9	1	-12	4	49	10	0	1
1141437	PPM	0	0	40	1	288	4	146	3	2	1	4	3	-1	4	-21	6	-7	7	-8	4	1	1	10	1	-19	4	42	10	0	1
1141438	PPM	-1	0	9	0	75	1	10	1	0	1	10	3	13	3	-41	4	1	4	-28	3	-5	1	1	1	-51	3	-4	6	-2	1
1141439	PPM	-1	0	6	0	28	1	6	1	0	1	6	3	3	3	-32	4	9	4	-25	3	-6	1	-1	1	-42	4	-23	5	-2	1
1141440	PPM	-1	0	4	0	33	1	19	1	-1	1	8	3	5	3	-30	4	11	5	-19	3	-5	1	-1	1	-17	4	-9	6	-2	1
1141441	PPM	-1	0	8	0	26	1	11	1	1	1	8	3	9	3	-33	4	6	5	-24	3	-5	1	7	1	-61	4	-7	6	-2	1
1141442	PPM	0	0	41	1	307	4	181	3	2	1	-3	3	-4	4	3	6	-8	7	1	4	2	1	11	1	-31	4	44	10	-2	1
1141443	PPM	-1	0	9	1	31	1	9	1	0	1	8	3	3	3	-30	4	7	5	-23	3	-5	1	3	1	-63	4	-8	6	-2	1
1141444	PPM	-1	0	8	0	27	1	9	1	0	1	12	3	9	3	-41	4	8	4	-26	3	-4	1	3	1	-66	4	-9	6	-2	1
1141445	PPM	0	0	42	1	308	4	262	3	-2	1	-5	3	6	3	1	5	-10	6	3	4	2	1	10	1	-4	4	22	9	1	1
1141446	PPM	0	0	45	1	345	5	258	4	2	1	3	3	2	4	-7	7	-3	7	3	4	3	1	9	1	-37	5	61	11	0	2
1141447	PPM	-1	0	9	0	41	1	14	1	0	1	7	3	5	3	-36	4	-1	4	-28	3	-5	1	6	1	-65	4	-8	6	-3	1
1141448	PPM	0	0	6	1	26	1	21	1	1	1	15	3	9	3	-34	5	10	6	-32	5	-7	1	-2	1	-54	4	-21	7	-2	1
1141449	PPM	-1	0	6	0	29	1	18	1	0	1	13	3	4	3	-35	4	8	5	-30	3	-6	1	1	1	-54	4	-3	6	-2	1
1141724	PPM	0	0	23	1	182	3	113	2	-2	1	2	3	8	3	-26	5	-1	5	-17	4	-2	1	7	1	-18	4	34	8	0	1
1141725	PPM	0	0	7	0	45	1	12	1	0	1	9	3	6	3	-36	4	3	4	-31	3	-5	1	6	1	-58	4	-2	6	-2	1
1141726	PPM	-1	0	7	0	67	1	10	1	0	1	11	3	5	3	-42	4	4	4	-23	3	-5	1	4	1	-52	4	-14	6	-2	1
1141727	PPM	0	0	6	0	59	1	11	1	-1	1	11	3	7	2	-38	4	-1	4	-25	3	-5	1	1	1	-51	3	-13	5	-1	1
1141728	PPM	0	0	40	1	299	4	173	3	2	1	-1	3	-2	3	-5	6	-10	6	-3	4	1	1	10	1	-13	4	49	9	-1	1
1141728	PPM	0	0	41	1	312	4	136	2	1	1	1	3	2	3	-1	6	3	6	-3	4	1	1	10	1	-10	4	34	9	-1	1
1141729	PPM	0	0	42	1	316	4	208	3	2	1	-4	3	-1	4	-8	6	-5	6	-4	4	3	1	11	1	-27	4	36	10	-1	1
1141730	PPM	-1	1	44	2	316	4	218	3	2	1	0	3	-3	4	1	6	-8	7	-3	11	2	3	13	3	-30	11	42	10	-1	1
1141730	PPM	0	0	42	1	319	4	229	3	2	1	-6	3	0	4	-8	6	-6	7	-1	4	2	1	10	1	-30	4	25	10	0	2
1141731	PPM	0	0	48	1	317	4	310	4	1	1	0	3	-5	4	2	6	-5	7	-6	4	2	1	12	1	-25	4	53	11	-1	2
1141732	PPM	0	0	45	1	277	4	289	4	1	1	-4	3	2	3	-2	6	-1	6	-3	4	2	1	13	1	-25	4	46	9	1	1
1141733	PPM	2	0	46	1	318	4	279	4	0	1	-3	3	0	3	-6	6	-6	6	-5	4	4	1	10	1	-10	4	27	9	0	1
1141734	PPM	-1	0	39	1	295	4	310	4	2	1	3	3	-8	4	-3	6	-13	7	1	4	-1	1	8	1	-34	4	43	10	-1	1
1141735	PPM	0	0	46	1	315	4	341	5	1	1	-3	3	-4	4	1	6	-1	7	-4	4	1	1	12	1	-29	4	37	10	0	1
1141736	PPM	0	0	44	1	298	4	283	4	1	1	-1	3	-1	3	-7	6	-5	6	-6	4	3	1	12	1	-20	4	50	10	1	1
1141737	PPM	0	0	42	1	277	4	261	4	2	1	3	3	-1	4	6	6	-7	7	-8	4	2	1	10	1	-34	4	49	10	1	1
1141738	PPM	0	0	42	1	303	4	219	3	0	1	-3	3	-6	3	-9	6	-8	6	-5	4	2	1	8	1	-18	4	32	9	2	1
1141739	PPM	1	0	39	1	287	4	143	2	1	1	3	3	0	3	0	5	-1	6	-5	4	2	1	9	1	-1	4	16	8	-1	1
1141740	PPM	0	0	44	1	291	4	347	5	1	1	2	3	1	4	0	6	-5	7	-7	4	3	1	9	1	-18	4	23	9	0	1
1141741	PPM	-1	0	5	0	50	1	5	1	0	0	13	3	10	2	-32	4	9	4	-27	3	-5	1	4	1	-49	3	-24	5	-2	1
1141742	PPM	-1	0	6	0	44	1	5	1	0	1	9	3	11	2	-38	4	12	4	-36	3	-5	1	2	1	-60	4	-16	5	-1	1
1141743	PPM	0	0	38	1	285	4	230	3	-1	1	-1	3	-6	3	-6	5	4	6	0	4	-1	1	9	1	-2	4	39	9	1	1
1141744	PPM	0	0	42	1	275	4	394	5	1	1	5	3	2	3	-9	5	3	6	-6	4	2	1	13	1	-9	4	34	9	2	1
1141745	PPM	0	0	49	1	286	4	333	4	-1	1	-4	3	4	3	-6	5	-4	6	-5	4	1	1	14	1	-9	4	35	9	2	1
1141746	PPM	0	0	45	1	283	4	378	5	1	1	0	3	1	3	-1	5	-8	6	-5	4	3	1	13	1	-14	4	32	9	-1	1
1141747	PPM	0	0	49	1	292	4	333	4	1	1	-6	3	1	3	-15	6	-9	6	-8	4	2	1	11	1	-14	4	37	9	-1	1
1141748	PPM	1	0	45	1	336	4	279	4	0	1	-1	3	3	3	0	6	-14	6	-5	4	4	1	10	1	-9	4	41	10	2	1
1141749	PPM	0	0	46	1	336	4	177	3	1	1	-1	3	1	3	-7	6	-10	6	-13	4	3	1	8	1	-16	4	22	9	1	1
1141750	PPM	0	0	46	1	343	4	266	4	0	1	-5	3	-3	3	-10	6	-20	6	-4	4	3	1	11	1	-12	4	35	9	1	1
1141751	PPM	0	0	48	1	320	4	298	4	1	1	-5	3	-1	3	-15	6	-14	6	-7	4	3	1	10	1	-10	4	52	10	0	1
1141752	PPM	1	0	43	1	295	4	244	3	1	1	-3	3	-5	3	-8	6	-14	6	-1	4	3	1	12	1	-11	4	36	9	0	1
1141753	PPM	0	0	14	0	72	1	45	1	-1	1	9	3	9	2	-31	4	5	4	-29	3	-2	1	96	1	-49	3	-1	6	0	1
1141754	PPM	-2	1	10	1	39	2	6	1	5	1	16	3	5	5	-39	7	17	8	-34	5	-4	1	17	2	-58	6	2	11	-5	1
1141755	PPM	0	0	12	0	45	1	20	1	0	0	10	3	8	2	-41	4	7	4	-28	3	-4	1	8	1	-50	3	-10	5	-1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141756	PPM	-1	0	8	0	51	1	12	1	-1	1	8	3	12	2	-38	4	0	4	-23	3	-5	1	14	1	-38	3	-13	5	-1	1
1141757	PPM	0	0	8	0	54	1	11	1	-1	1	8	3	12	2	-36	4	4	4	-28	3	-4	1	17	1	-51	3	-6	6	-1	1
1141758	PPM	-1	0	6	0	55	1	8	1	0	0	11	3	11	2	-38	4	9	4	-31	3	-4	1	11	1	-40	3	-23	5	-3	1
1141759	PPM	-1	0	7	0	53	1	6	1	0	1	9	3	6	2	-36	4	12	4	-32	3	-4	1	18	1	-51	4	-12	5	-2	1
1141760	PPM	-1	0	8	0	55	1	7	1	-1	0	11	3	9	2	-36	4	5	4	-27	3	-5	1	12	1	-47	3	-17	5	-2	1
1141761	PPM	-1	0	6	0	43	1	3	1	-1	0	13	3	10	2	-43	3	3	4	-27	3	-5	1	14	1	-61	3	-17	5	-3	1
1141762	PPM	0	0	44	1	294	4	269	4	1	1	-5	3	-9	3	4	6	0	6	-9	4	2	1	10	1	-14	4	46	9	0	1
1141763	PPM	-1	0	8	0	35	1	4	1	0	0	11	3	3	2	-35	3	10	4	-28	3	-5	1	24	1	-57	3	-12	5	-3	1
1141764	PPM	0	0	37	1	248	3	190	3	0	1	0	3	-1	3	-17	5	0	5	-10	3	0	1	9	1	-5	4	22	8	1	1
1141765	PPM	0	0	43	1	297	4	287	4	0	1	-6	3	-2	3	-6	6	-2	6	-2	4	2	1	12	1	-10	4	42	10	0	1
1141766	PPM	0	0	45	1	324	4	290	4	2	1	1	3	-2	3	-5	6	-14	6	-5	4	3	1	10	1	-8	4	23	9	-2	1
1141767	PPM	0	0	45	1	313	4	301	4	1	1	-3	3	2	3	3	6	0	6	-6	4	2	1	12	1	-9	4	43	10	3	1
1141768	PPM	0	0	45	1	292	4	293	4	-1	1	-5	3	-3	3	-8	6	-11	6	-6	4	2	1	12	1	-8	4	28	9	3	1
1141769	PPM	0	0	42	1	275	4	200	3	2	1	-3	3	3	3	-13	6	-2	6	-7	4	1	1	9	1	-7	4	41	9	0	1
1141770	PPM	0	0	15	0	95	1	53	1	-1	1	8	3	8	2	-29	4	5	4	-30	3	-3	1	20	1	-33	3	-17	6	-3	1
1141771	PPM	0	0	8	0	55	1	12	1	-1	0	7	3	9	2	-37	4	4	4	-26	3	-5	1	16	1	-38	3	-10	5	-3	1
1141772	PPM	-1	0	8	0	53	1	7	1	0	1	4	3	4	2	-40	4	0	4	-28	3	-4	1	16	1	-46	3	-21	5	-2	1
1141773	PPM	-1	0	8	0	48	1	7	1	0	0	6	3	8	2	-34	4	1	4	-31	3	-5	1	19	1	-49	3	-9	5	-1	1
1141774	PPM	0	0	8	0	45	1	7	1	1	1	10	3	7	3	-38	4	4	4	-35	3	-2	1	44	1	-67	4	-21	5	-2	1
1141801	PPM	0	0	43	1	288	4	177	3	1	1	1	3	0	3	-9	5	7	6	-1	4	1	1	10	1	1	4	23	8	0	1
1141802	PPM	0	0	45	1	340	4	196	3	1	1	-2	3	4	3	7	6	-7	6	-4	4	2	1	11	1	-1	4	50	9	-2	1
1141803	PPM	0	0	45	1	306	4	224	3	-2	1	-5	3	-7	3	-16	5	-6	6	-4	4	0	1	10	1	-9	4	15	9	2	1
1141804	PPM	1	0	44	1	316	4	237	3	1	1	3	3	2	3	-9	6	5	6	-6	4	2	1	11	1	-9	4	42	9	1	1
1141805	PPM	0	0	46	1	281	4	327	4	0	1	0	3	0	3	-14	6	-9	6	-3	4	2	1	12	1	-6	4	38	9	-2	1
1141806	PPM	1	0	46	1	327	4	148	2	2	1	1	3	-1	3	-10	6	-10	6	-10	4	2	1	10	1	-6	4	30	9	-1	1
1141807	PPM	0	0	47	1	298	4	86	2	1	1	-2	3	3	3	4	5	-4	6	-2	4	1	1	8	1	-6	4	30	8	-1	1
1141808	PPM	0	0	46	1	301	4	201	3	0	1	-3	3	-3	3	2	6	-10	6	-9	4	2	1	9	1	-7	4	40	9	-1	1
1141809	PPM	0	0	42	1	285	4	228	3	2	1	1	3	-2	3	-3	6	-12	6	-4	4	1	1	11	1	-6	4	32	9	-2	1
1141810	PPM	0	0	41	1	313	4	125	2	-1	1	-1	3	1	3	-10	5	-13	6	-5	4	2	1	8	1	-12	4	25	9	0	1
1141811	PPM	-1	0	7	0	42	1	12	1	-1	1	10	3	10	2	-36	4	6	4	-33	3	-5	1	12	1	-51	3	-13	5	-1	1
1141812	PPM	0	0	41	1	285	4	257	3	-1	1	1	3	-3	3	-5	5	2	6	-6	4	3	1	11	1	-8	4	36	9	1	1
1141813	PPM	1	0	44	1	285	4	319	4	-1	1	0	3	3	3	4	6	-2	6	-10	4	3	1	9	1	-6	4	52	10	-1	1
1141814	PPM	0	0	39	1	244	3	304	4	0	1	-5	3	-2	3	-8	6	-6	6	-2	4	2	1	11	1	-10	4	31	9	0	1
1141815	PPM	0	0	45	1	304	4	331	4	0	1	0	3	9	3	-9	6	1	6	0	4	3	1	11	1	-13	4	41	9	2	1
1141816	PPM	-1	0	11	1	92	2	32	1	1	1	14	3	12	3	-42	4	-1	4	-29	3	-4	1	6	1	-43	4	-11	7	-2	1
1141817	PPM	0	0	8	0	89	1	14	1	3	1	9	3	9	3	-37	4	-5	4	-35	3	-5	1	8	1	-48	4	-20	6	-3	1
1141818	PPM	0	0	46	1	325	4	197	3	2	1	-1	3	1	3	-3	6	-8	6	-4	4	2	1	12	1	-7	4	50	9	-1	1
1141819	PPM	0	0	44	1	312	4	252	3	-1	1	-5	3	-4	3	-8	5	5	6	-9	4	1	1	12	1	-8	4	17	9	1	1
1141820	PPM	0	0	44	1	310	4	349	4	0	1	-7	3	-2	3	3	6	-10	6	-7	4	2	1	10	1	-7	4	37	9	-1	1
1141821	PPM	0	0	47	1	319	4	354	4	1	1	2	3	-3	3	-10	6	-9	6	-4	4	2	1	12	1	-10	4	53	10	1	1
1141822	PPM	0	0	44	1	328	4	324	4	2	1	2	3	1	3	-11	6	-13	6	-8	4	2	1	10	1	-6	4	52	10	-3	1
1141823	PPM	0	0	48	1	317	4	342	4	0	1	-3	3	-1	3	-4	6	-12	6	-7	4	2	1	11	1	-10	4	44	10	0	1
1141824	PPM	0	0	47	1	301	4	346	4	-1	1	-1	3	-6	3	-16	6	-9	6	-5	4	3	1	10	1	-17	4	47	10	1	1
1141825	PPM	0	0	45	1	326	4	256	3	0	1	1	3	0	3	6	5	1	6	-7	4	2	1	12	1	-7	4	44	9	-2	1
1141826	PPM	0	0	46	1	336	4	381	5	1	1	-2	3	-1	4	1	6	-14	7	-1	4	0	1	10	1	-13	4	52	10	-2	1
1141827	PPM	0	0	44	1	285	4	325	4	-1	1	1	3	3	3	-10	5	-6	6	-9	4	0	1	10	1	-17	4	47	10	-1	1
1141828	PPM	0	0	46	1	295	4	370	5	0	1	-1	3	3	3	-6	6	-9	6	-4	4	3	1	14	1	-12	4	25	9	0	1
1141829	PPM	0	0	42	1	298	4	267	4	-1	1	-4	3	-6	3	-13	6	-14	6	2	4	0	1	10	1	-10	4	38	9	-2	1
1141830	PPM	0	0	43	1	301	4	329	4	-1	1	-3	3	-4	3	-3	6	-9	6	-5	4	2	1	12	1	-9	4	53	10	0	1
1141831	PPM	0	0	45	1	288	4	327	4	1	1	-1	3	0	3	-16	6	-3	6	-4	4	3	1	11	1	-14	4	47	9	-3	1
1141832	PPM	1	0	41	1	280	4	336	4	2	1	-1	3	0	3	-8	5	-8	6	-9	4	2	1	9	1	-14	4	12	9	-1	1
1141833	PPM	-2	0	7	0	51	1	11	1	0	1	9	3	9	3	-40	4	2	4	-28	3	-5	1	5	1	-66	4	-19	6	-2	1
1141834	PPM	-2	0	4	0	45	1	3	1	0	1	11	3	8	2	-39	4	10	4	-30	3	-5	1	0	1	-56	4	-23	5	-2	1
1141835	PPM	-1	0	4	0	46	1	2	1	-1	0	10	3	7	2	-35	4	10	4	-28	3	-6	1	0	1	-47	3	-11	5	-2	1
1141836	PPM	0	0	41	1	276	4	265	4	-1	1	1	3	1	3	-20	5	0	6	-13	4	1	1	7	1	-10	4	27	9	1	1
1141837	PPM	0	0	46	1	266	4	320	4	0	1	1	3	-4	3	-8	6	0	6	-3	4	1	1	9	1	-18	4	43	9	1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141838	PPM	1	0	44	1	283	4	309	4	-1	1	0	3	3	3	-17	5	-6	6	-11	4	1	1	9	1	-18	4	53	9	0	1
1141839	PPM	0	0	39	1	260	4	302	4	-1	1	-3	3	0	3	-13	6	-7	6	-8	4	2	1	11	1	-7	4	32	9	-1	1
1141840	PPM	0	0	48	1	289	4	424	5	0	1	0	3	2	3	-14	6	-4	6	0	4	3	1	12	1	-13	4	48	10	2	1
1141841	PPM	0	0	45	1	279	4	337	4	0	1	-3	3	-3	3	-5	6	-3	6	-1	4	3	1	11	1	-14	4	34	10	0	1
1141842	PPM	0	0	44	1	248	3	306	4	-1	1	2	3	2	3	-12	6	8	6	-8	4	2	1	12	1	-12	4	54	9	-2	1
1141843	PPM	0	0	46	1	286	4	318	4	0	1	-2	3	4	3	-16	6	-13	6	-7	4	2	1	12	1	-8	4	50	10	4	1
1141844	PPM	1	0	48	1	272	4	332	4	1	1	3	3	-6	3	-20	5	11	6	-1	4	1	1	11	1	-14	4	35	9	0	1
1141845	PPM	0	0	48	1	273	4	396	5	0	1	-3	3	1	3	-10	6	-11	6	-1	4	1	1	15	1	-9	4	30	9	0	1
1141846	PPM	0	0	40	1	251	3	292	4	-1	1	-6	3	0	3	-4	6	-4	6	0	4	0	1	10	1	-17	4	27	9	0	1
1141847	PPM	0	0	42	1	294	4	311	4	0	1	-5	3	-4	3	-8	6	-6	6	0	4	2	1	11	1	3	4	52	10	0	1
1141848	PPM	0	0	48	1	311	4	323	4	1	1	-2	3	0	3	-5	6	-9	6	-8	4	2	1	13	1	-20	4	35	10	-2	1
1141849	PPM	0	0	6	0	61	1	6	1	1	1	11	3	7	3	-37	4	8	5	-33	3	-1	1	4	1	-59	4	-7	7	0	1
1141850	PPM	-2	0	5	0	52	1	5	1	1	1	15	3	11	3	-41	4	8	5	-26	3	-6	1	3	1	-65	4	-7	7	-2	1
1141851	PPM	0	0	47	1	342	4	318	4	0	1	-6	3	6	3	4	6	-10	6	-6	4	1	1	11	1	-17	4	49	10	1	2
1141852	PPM	0	0	46	1	340	4	295	4	1	1	-7	3	-8	3	-5	6	2	6	-7	4	1	1	9	1	-5	4	52	10	3	2
1141853	PPM	-1	0	49	1	327	4	337	4	-1	1	0	3	6	3	-15	6	-1	6	-6	4	1	1	11	1	-14	4	36	10	-1	1
1141854	PPM	0	0	47	1	308	4	370	5	0	1	-1	3	2	3	-5	6	-2	6	-6	4	4	1	13	1	-20	4	49	10	0	1
1141855	PPM	-1	0	12	0	102	2	33	1	-1	1	10	3	7	2	-36	4	2	4	-27	3	-4	1	16	1	-52	3	-8	6	-1	1
1141856	PPM	0	0	43	1	325	4	226	3	0	1	-3	3	-3	3	-2	6	6	6	-7	4	3	1	10	1	-4	4	30	9	1	1
1141857	PPM	0	0	44	1	304	4	352	5	1	1	-2	3	-3	3	-4	6	-1	6	-12	4	4	1	10	1	-5	4	44	10	0	1
1141858	PPM	0	0	43	1	299	4	302	4	0	1	4	3	0	3	-14	6	-2	6	-7	4	1	1	11	1	-7	4	38	10	0	1
1141859	PPM	0	0	43	1	307	4	331	4	1	1	6	3	5	3	-9	6	3	6	-6	4	2	1	11	1	-10	4	38	10	-1	1
1141860	PPM	0	0	47	1	329	4	359	5	1	1	-4	3	7	3	-4	6	-4	6	-4	4	2	1	12	1	-14	4	55	10	-1	1
1141861	PPM	0	0	45	1	312	4	334	4	0	1	0	3	2	3	-12	6	9	6	-8	4	1	1	12	1	-7	4	55	10	-2	1
1141951	PPM	0	0	43	1	304	4	134	2	-1	1	-5	3	-1	3	-11	6	4	6	-6	4	2	1	11	1	-9	4	37	9	-1	1
1141952	PPM	0	0	42	1	318	4	175	3	0	1	3	3	-1	3	-5	6	-6	6	-1	4	0	1	11	1	-10	4	35	9	-2	1
1141953	PPM	0	0	43	1	295	4	190	3	0	1	2	3	2	4	-8	6	-14	6	-10	4	2	1	10	1	-21	4	36	9	-2	1
1141954	PPM	0	0	44	1	318	4	125	2	0	1	-4	3	-4	3	-11	6	-5	6	-5	4	2	1	9	1	-7	4	45	9	0	1
1141955	PPM	0	0	39	1	307	4	130	2	-2	1	1	3	3	3	-3	5	-11	6	-8	4	1	1	9	1	-11	4	29	9	-1	1
1141956	PPM	0	0	38	1	254	3	162	2	1	1	-3	3	-2	3	-7	5	4	6	-9	4	2	1	8	1	-13	4	47	9	1	1
1141957	PPM	-2	0	8	0	47	1	10	1	1	1	5	3	8	3	-33	4	1	4	-27	3	-5	1	8	1	-70	4	-13	6	-3	1
1141958	PPM	-1	0	7	0	48	1	8	1	1	1	14	3	7	3	-33	4	5	4	-29	3	-5	1	6	1	-75	4	-14	6	-3	1
1141959	PPM	0	0	45	1	321	4	218	3	3	1	-1	3	-6	4	13	6	-8	7	0	4	1	1	11	1	-23	4	27	9	1	1
1141960	PPM	0	0	47	1	313	4	254	4	0	1	-3	3	0	3	-8	6	1	6	-4	4	1	1	11	1	-18	4	42	9	1	1
1141961	PPM	0	0	6	0	60	1	12	1	2	0	10	3	11	2	-35	4	7	4	-30	3	-5	1	1	1	-41	3	-14	5	-2	1
1141962	PPM	-1	0	8	0	53	1	13	1	2	1	11	3	8	3	-31	4	3	4	-25	3	-5	1	3	1	-58	4	-11	6	-1	1
1141963	PPM	0	0	44	1	301	4	164	3	1	1	-3	3	-5	4	-3	6	-5	7	5	4	4	1	12	1	-33	4	40	10	-2	1
1141964	PPM	-1	0	46	1	336	4	108	2	2	1	-2	3	-2	4	-3	6	-5	7	3	4	2	1	8	1	-14	4	20	9	-3	1
1141965	PPM	0	0	46	1	315	4	94	2	2	1	-1	3	-2	4	5	6	6	7	-2	4	2	1	9	1	-29	4	38	10	0	2
1141966	PPM	0	0	45	1	324	5	118	2	2	1	0	3	-7	4	0	6	-7	7	-8	4	4	1	9	1	-33	4	34	10	-1	2
1141967	PPM	0	0	43	1	323	4	228	3	0	1	-7	3	0	3	1	6	-9	6	-3	4	2	1	9	1	-18	4	27	9	0	1
1141968	PPM	0	0	46	1	331	4	153	3	-1	1	-2	3	-3	3	4	6	3	6	1	4	1	1	11	1	-11	4	22	9	1	1
1141969	PPM	0	0	45	1	317	4	213	3	1	1	-3	3	-2	4	4	6	-9	7	2	4	1	1	9	1	-17	4	29	9	-1	1
1141970	PPM	0	0	44	1	332	4	181	3	2	1	-2	3	-6	3	0	6	-7	6	-5	4	3	1	9	1	-10	4	34	9	-1	1
1141971	PPM	0	0	45	1	342	5	255	4	1	1	-9	3	-2	4	1	6	-2	7	2	4	2	1	10	1	-18	4	53	10	-1	2
1141972	PPM	0	0	46	1	335	4	221	3	2	1	6	3	-8	4	14	6	0	7	-12	4	4	1	11	1	-16	4	63	10	-3	1
1141973	PPM	0	0	47	1	307	4	287	4	1	1	-3	3	-2	4	-2	6	-4	7	4	4	1	1	11	1	-10	4	34	10	0	1
1141974	PPM	1	0	47	1	310	4	299	4	2	1	-5	3	1	4	3	6	7	7	-3	4	2	1	11	1	-10	4	41	10	-2	1
1141975	PPM	1	0	38	1	247	4	294	4	0	1	0	3	-2	4	-6	6	2	7	-9	4	3	1	12	1	-14	4	30	9	1	1
1141976	PPM	0	0	47	1	341	4	91	2	1	1	-5	3	0	3	-2	6	4	6	-5	4	1	1	9	1	-10	4	41	9	-1	1
1141977	PPM	0	0	45	1	315	4	158	3	0	1	0	3	-2	3	-15	6	-9	6	-9	4	3	1	11	1	-11	4	40	9	0	1
1141978	PPM	0	0	43	1	306	4	56	2	0	1	4	3	-1	4	3	6	-13	7	3	4	0	1	9	1	-5	4	25	9	1	1
1141979	PPM	-1	0	44	1	296	4	104	2	2	1	3	3	-2	4	-5	6	2	7	10	4	1	1	9	1	-20	4	39	9	-1	1
1141980	PPM	0	0	40	1	285	4	97	2	2	1	-2	3	0	4	-9	7	-7	7	0	4	1	1	7	1	-22	4	25	10	0	2
1141981	PPM	0	0	43	1	299	4	115	2	0	1	-2	3	-3	3	5	6	4	6	2	4	2	1	10	1	-7	4	44	9	0	1
1141982	PPM	1	0	44	1	278	4	160	3	0	1	0	3	-5	4	-9	6	-16	7	-6	4	2	1	10	1	-24	4	38	9	1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1141983	PPM	0	0	40	1	285	4	203	3	1	1	6	3	7	4	-3	6	-12	7	-1	4	2	1	10	1	-18	4	43	10	0	1
1141984	PPM	0	0	46	1	309	4	111	2	1	1	-1	3	-1	3	7	6	4	6	2	4	2	1	11	1	-7	4	30	9	-2	1
1141985	PPM	0	0	44	1	332	4	123	2	2	1	-2	3	-1	3	9	6	-3	6	3	4	1	1	11	1	-11	4	34	9	-2	1
1141986	PPM	0	0	41	1	335	5	151	3	3	1	4	3	-4	4	4	6	4	7	1	4	1	1	10	1	-27	4	36	10	-2	2
1141987	PPM	0	0	40	1	307	4	229	3	0	1	-5	3	-3	4	5	6	-14	7	-4	4	2	1	8	1	-12	4	37	10	-1	1
1141988	PPM	0	0	42	1	325	4	181	3	1	1	0	3	-3	4	7	6	1	7	-3	4	2	1	9	1	-16	4	42	10	-2	1
1141989	PPM	0	0	42	1	312	4	154	3	1	1	2	3	3	3	0	6	-7	6	0	4	2	1	13	1	-10	4	39	9	-1	1
1141990	PPM	0	0	47	1	279	4	212	3	3	1	-2	3	1	4	1	6	-3	7	4	4	2	1	10	1	-19	4	48	10	1	1
1141991	PPM	0	0	43	1	270	4	241	4	2	1	-4	3	-2	4	4	6	-13	7	-2	4	2	1	10	1	-15	4	53	10	-1	1
1141992	PPM	0	0	47	1	290	4	141	2	1	1	-5	3	5	4	5	6	-3	7	0	4	2	1	10	1	-19	4	34	9	1	1
1141993	PPM	-1	0	44	1	281	4	104	2	3	1	2	3	-6	4	-1	7	-2	7	-1	4	2	1	10	1	-29	4	38	10	-1	2
1141994	PPM	0	0	47	1	291	4	208	3	1	1	-2	3	-2	4	3	6	-2	7	-6	4	4	1	12	1	-15	4	27	9	-1	1
1141995	PPM	0	0	47	1	283	4	201	3	0	1	-1	3	5	4	2	6	-7	7	-5	4	3	1	9	1	-27	4	30	10	2	2
1141996	PPM	0	0	42	1	294	4	126	2	0	1	-4	3	-4	3	-4	6	-1	6	2	4	1	1	9	1	-10	4	42	9	1	1
1141997	PPM	0	0	42	1	302	4	138	3	2	1	-4	3	2	4	3	6	-3	7	0	4	2	1	9	1	-29	4	52	10	3	2
1141998	PPM	0	0	41	1	318	4	202	3	2	1	-5	3	-6	4	1	6	-8	7	-6	4	3	1	11	1	-11	4	15	9	2	2
1141999	PPM	0	0	45	1	279	4	249	3	-1	1	-2	3	2	3	-3	6	-4	6	-4	4	2	1	11	1	-15	4	36	9	1	1
1142000	PPM	0	0	41	1	272	4	176	3	3	1	-1	3	-9	3	9	6	2	6	-6	4	2	1	10	1	-8	4	58	10	0	1
1142144	PPM	0	0	43	1	324	4	248	4	0	1	-3	3	-2	4	6	6	2	7	1	4	3	1	11	1	-19	4	54	10	-1	1
1142145	PPM	0	0	43	1	320	4	176	3	2	1	-2	3	-2	4	-5	6	-7	7	1	4	3	1	10	1	-14	4	34	10	0	1
1142146	PPM	0	0	43	1	299	4	190	3	0	1	0	3	-6	4	-6	6	-16	7	-2	4	1	1	9	1	-14	4	42	9	0	1
1142147	PPM	-1	0	37	1	263	3	210	3	1	1	-1	3	2	3	-5	6	-2	6	-3	4	1	1	8	1	-20	4	35	9	1	1
1142148	PPM	0	0	39	1	224	3	313	5	1	1	-1	3	-1	4	-12	6	-16	7	-9	4	3	1	14	1	-29	4	58	11	1	1
1142149	PPM	0	0	43	1	302	4	168	3	0	1	-3	3	0	3	11	6	2	6	-7	4	3	1	9	1	-9	4	39	9	1	1
1142150	PPM	0	0	36	1	323	4	57	2	2	1	-1	3	0	3	4	6	-10	6	-4	4	2	1	7	1	-19	4	35	9	0	1
1142151	PPM	-1	0	11	1	57	1	10	1	-1	1	10	3	11	3	-32	4	10	4	-21	3	-5	1	6	1	-55	4	-24	6	-2	1
1142152	PPM	0	0	42	1	316	4	58	2	1	1	-5	3	-5	3	3	6	-4	6	6	4	2	1	8	1	-10	4	31	9	0	1
1142153	PPM	0	0	43	1	280	4	171	3	2	1	-4	3	3	4	-1	6	-14	7	-6	4	2	1	10	1	-13	4	35	10	-1	1
1142154	PPM	0	0	43	1	303	4	239	3	1	1	0	3	0	3	-13	6	-8	6	-3	4	2	1	9	1	-17	4	29	9	-1	1
1142155	PPM	-1	0	41	1	275	4	252	4	3	1	0	3	-1	4	-4	7	-16	7	-1	4	1	1	10	1	-30	5	54	11	-4	1
1142156	PPM	0	0	40	1	272	4	428	5	0	1	-2	3	4	4	-15	6	-8	6	-13	4	2	1	9	1	-28	4	60	10	2	1
1142157	PPM	0	0	39	1	264	4	324	4	0	1	-3	3	-1	4	-17	6	-15	7	-2	4	1	1	9	1	-16	4	47	10	-2	1
1142158	PPM	0	0	43	1	332	4	188	3	3	1	-4	3	4	4	7	6	-1	7	-1	4	2	1	8	1	-21	4	39	10	-3	1
1142159	PPM	1	0	44	1	297	4	167	3	1	1	-4	3	-7	3	-4	6	2	6	-3	4	2	1	9	1	-13	4	37	9	0	1
1142160	PPM	0	0	43	1	265	4	209	3	2	1	0	3	1	4	8	6	1	7	-2	4	2	1	9	1	-17	4	19	9	0	1
1142161	PPM	0	1	29	1	69	2	210	3	1	1	2	3	1	4	4	6	-6	7	-5	5	4	1	12	1	-27	5	21	9	2	1
1142162	PPM	0	0	42	1	296	4	232	4	1	1	0	3	4	4	5	6	0	7	0	4	3	1	8	1	-30	4	39	10	-1	1
1142163	PPM	0	0	46	1	295	4	206	3	-1	1	2	3	5	4	-5	6	-5	7	2	4	1	1	10	1	-10	4	40	9	0	1
1142164	PPM	0	0	12	1	65	1	28	1	0	1	10	3	8	3	-31	4	7	5	-24	3	-3	1	16	1	-56	4	-11	7	0	1
1142165	PPM	0	0	36	1	284	4	184	3	0	1	2	3	5	3	-15	5	-5	6	-9	4	0	1	9	1	-20	4	38	9	0	1
1142166	PPM	-1	0	34	1	251	3	159	3	2	1	-8	3	-3	3	-15	5	4	6	-15	4	0	1	10	1	-30	4	51	9	-1	1
1142167	PPM	0	0	42	1	320	4	133	2	0	1	-4	3	-6	4	6	6	-4	7	2	4	1	1	17	1	-16	4	40	10	1	1
1142168	PPM	-1	0	41	1	310	4	73	2	4	1	1	3	2	4	0	6	5	7	-7	4	2	1	9	1	-36	4	38	10	-2	2
1142169	PPM	0	0	40	1	322	4	164	3	1	1	-6	3	-4	3	-1	6	0	6	0	4	2	1	10	1	-22	4	40	9	-2	1
1142170	PPM	0	0	42	1	315	4	152	3	1	1	-6	3	-5	4	-14	6	-11	7	-4	4	3	1	9	1	-23	4	38	10	0	2
1142171	PPM	0	0	43	1	328	4	90	2	2	1	-2	3	3	4	4	6	3	7	-1	4	2	1	10	1	-23	4	20	9	-1	1
1142172	PPM	0	0	36	1	269	4	217	3	1	1	1	3	2	4	-7	6	3	6	-6	4	1	1	11	1	-24	4	27	9	-2	1
1142173	PPM	0	0	35	1	279	4	224	3	1	1	-1	3	2	3	-6	6	0	6	-9	4	1	1	12	1	-18	4	42	9	0	1
1142174	PPM	0	0	43	1	299	4	84	2	2	1	-1	3	1	4	2	6	-4	7	-6	4	1	1	7	1	-29	4	23	9	0	2
1142175	PPM	0	0	34	1	228	3	142	2	-1	1	4	3	0	3	-29	5	-5	5	-23	3	-1	1	9	1	-31	4	19	8	3	1
1142176	PPM	0	0	38	1	306	4	106	2	2	1	1	3	-1	4	-9	6	13	7	-10	4	1	1	8	1	-24	4	26	9	1	1
1142177	PPM	0	0	40	1	267	4	280	4	2	1	-1	3	0	3	-7	6	-3	6	1	4	2	1	12	1	-19	4	33	9	2	1
1142178	PPM	0	0	41	1	257	4	270	4	3	1	0	3	-1	4	-2	6	-5	7	-2	4	1	1	12	1	-18	4	48	10	-2	1
1142179	PPM	0	0	41	1	290	4	202	3	0	1	-2	3	-3	4	-11	6	-13	7	1	4	2	1	11	1	-18	4	35	9	2	1
1142180	PPM	-1	0	46	1	336	4	104	2	1	1	-5	3	-3	4	4	6	-1	7	5	4	1	1	11	1	-19	4	43	10	-1	1
1142181	PPM	0	0	40	1	302	4	86	2	2	1	0	3	1	4	-9	6	-8	7	-5	4	3	1	10	1	-21	4	32	9	-1	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1142182	PPM	0	0	41	1	321	4	144	2	-1	1	-1	3	-2	3	2	6	-7	6	-1	4	1	1	10	1	-13	4	31	9	0	1
1142183	PPM	0	0	27	1	192	3	71	2	0	1	6	3	4	3	-32	4	-1	5	-22	3	-3	1	6	1	-35	4	13	7	1	1
1142184	PPM	-1	0	11	0	48	1	12	1	-1	1	13	3	12	2	-41	4	2	4	-19	3	-5	1	8	1	-47	4	-12	6	-2	1
1142185	PPM	0	0	41	1	333	4	212	3	2	1	0	3	0	4	4	6	-9	7	-3	4	2	1	9	1	-4	4	55	10	0	1
1142186	PPM	0	0	40	1	331	5	196	3	1	1	-2	3	0	4	3	6	1	7	1	4	3	1	8	1	-19	4	41	10	-1	2
1142187	PPM	0	0	42	1	300	4	114	2	3	1	-3	3	3	4	9	6	-2	7	-3	4	3	1	10	1	-31	4	28	10	-2	1
1142188	PPM	-1	0	11	0	70	1	15	1	1	1	8	3	6	3	-42	4	5	5	-28	3	-4	1	5	1	-49	4	-11	6	-1	1
1142189	PPM	0	0	11	0	73	1	22	1	1	1	4	3	12	3	-30	4	7	5	-24	3	-5	1	6	1	-35	4	-5	6	0	1
1142190	PPM	-1	0	8	1	39	1	24	1	0	1	10	3	6	3	-32	5	4	5	-25	3	-4	1	4	1	-33	4	-19	6	-2	1
1142191	PPM	-1	0	8	1	38	1	17	1	1	1	8	3	3	3	-37	5	3	5	-26	3	-5	1	3	1	-43	4	-9	7	-1	1
1142192	PPM	0	0	12	0	75	1	53	1	-2	1	9	3	11	3	-33	4	4	4	-22	3	-5	1	6	1	-38	4	16	7	-1	1
1142193	PPM	0	0	46	1	333	4	152	2	0	1	5	3	-1	3	-4	6	-5	6	-6	4	0	1	10	1	0	4	35	9	-1	1
1142194	PPM	1	0	42	1	256	3	314	4	0	1	-2	3	-4	3	-7	6	-8	6	-15	4	2	1	11	1	-13	4	43	9	0	1
1142195	PPM	0	0	42	1	278	4	375	5	-1	1	-4	3	-4	3	1	6	-10	6	-6	4	2	1	11	1	-19	4	51	10	1	1
1142196	PPM	0	0	44	1	308	4	297	4	1	1	-5	3	-5	4	2	6	-6	7	-2	4	2	1	14	1	-28	4	54	10	-1	2
1142197	PPM	0	0	43	1	293	4	219	3	0	1	-1	3	-2	4	-15	6	-7	7	3	4	1	1	9	1	-27	4	51	10	0	1
1142198	PPM	0	0	44	1	285	4	185	3	2	1	-6	3	-2	4	-3	6	-9	7	-2	4	2	1	11	1	-12	4	35	9	0	1
1142199	PPM	0	0	32	1	232	3	188	3	0	1	1	3	6	3	-26	5	0	5	-23	3	0	1	9	1	-21	4	17	8	2	1
1142200	PPM	-1	0	7	0	32	1	3	1	1	1	11	3	8	3	-39	4	0	5	-29	3	-5	1	8	1	-61	4	-11	6	-2	1
1142201	PPM	-2	0	6	0	36	1	8	1	0	1	10	3	8	3	-38	4	1	5	-25	3	-5	1	5	1	-65	4	-7	6	-3	1
1142202	PPM	-2	0	5	0	37	1	6	1	0	1	7	3	7	3	-43	4	3	4	-30	3	-5	1	4	1	-57	4	-17	5	-2	1
1142203	PPM	-2	0	6	0	29	1	4	1	1	1	8	3	4	3	-40	4	5	4	-23	3	-5	1	6	1	-78	4	-15	6	-2	1
1142204	PPM	-2	0	5	0	20	1	4	1	2	1	16	3	5	3	-31	4	8	4	-31	3	-6	1	15	1	-82	4	-12	6	-4	1
1142205	PPM	-1	0	6	0	21	1	5	1	1	1	11	3	8	3	-37	4	7	4	-30	3	-5	1	4	1	-80	4	-13	6	-3	1
1142206	PPM	-2	0	5	0	19	1	4	1	0	1	8	3	7	3	-31	4	9	4	-32	3	-6	1	5	1	-63	4	-19	6	-2	1
1142207	PPM	1	0	47	1	283	4	356	5	1	1	3	3	3	3	4	6	-5	6	-5	4	4	1	11	1	-5	4	58	10	-1	1
1142208	PPM	1	0	42	1	318	4	183	3	1	1	1	3	-4	3	4	5	-1	6	-6	4	4	1	10	1	-3	4	44	9	1	1
1142209	PPM	0	0	42	1	286	4	214	3	0	1	1	3	1	4	-7	6	-14	6	-9	4	3	1	10	1	-23	4	35	9	2	1
1142210	PPM	-2	0	6	0	23	1	7	1	1	1	9	3	8	2	-39	4	4	4	-25	3	-6	1	9	1	-70	4	-12	5	-2	1
1142211	PPM	-2	0	7	1	13	1	3	1	2	1	9	3	10	3	-33	5	5	5	-28	3	-4	1	21	1	-75	5	0	7	-3	1
1142212	PPM	-2	0	7	1	14	1	3	1	0	1	8	3	7	3	-39	5	12	5	-33	3	-3	1	30	1	-65	4	-21	6	-3	1
1142213	PPM	-2	0	6	1	11	1	2	1	2	1	11	3	9	3	-51	5	7	5	-30	3	-5	1	18	1	-75	5	-11	7	-2	1
1142214	PPM	-2	0	7	1	12	1	0	1	3	1	12	3	11	4	-34	6	14	6	-35	4	-5	1	31	2	-67	5	-11	8	-3	1
1142215	PPM	-2	0	6	0	15	1	6	1	0	1	18	3	14	3	-39	4	10	4	-27	3	-5	1	5	1	-66	4	-23	5	-3	1
1142216	PPM	-2	0	6	0	15	1	3	1	0	1	11	3	10	3	-42	4	1	5	-31	3	-5	1	9	1	-76	4	-20	6	-3	1
1142217	PPM	-2	0	6	1	14	1	2	1	3	1	17	3	9	3	-30	5	14	5	-23	4	-6	1	11	1	-74	5	-5	7	-4	1
1142218	PPM	-2	0	6	0	15	1	2	1	1	1	12	3	11	3	-42	4	8	4	-33	3	-4	1	13	1	-70	4	-17	6	-4	1
1142219	PPM	-1	0	7	1	17	1	4	1	3	1	11	3	13	4	-39	5	12	6	-28	4	-3	1	18	1	-79	5	-8	8	-4	1
1142220	PPM	-1	0	46	1	268	3	185	3	-1	1	4	3	0	3	-20	4	5	5	-20	3	-1	1	12	1	-28	4	31	8	-1	1
1142221	PPM	0	0	45	1	291	4	155	2	1	1	-8	3	3	3	2	5	-1	6	-6	4	2	1	9	1	-9	4	25	9	-1	1
1142222	PPM	-1	0	45	1	316	4	82	2	1	1	-6	3	1	4	15	6	7	7	-4	4	3	1	10	1	-19	4	37	9	-1	1
1142223	PPM	0	0	38	1	279	4	235	3	0	1	-1	3	-2	4	0	6	-10	7	-6	4	3	1	9	1	-15	4	35	9	1	1
1142224	PPM	0	0	44	1	306	4	210	3	-1	1	2	3	5	4	-1	6	-13	7	-3	4	2	1	13	1	-18	4	33	9	-1	1
1142225	PPM	-1	0	45	1	309	4	262	4	1	1	0	3	0	4	-1	6	-7	6	-3	4	1	1	11	1	-26	4	51	10	-1	1
1142226	PPM	-2	0	8	0	43	1	7	1	1	1	11	3	9	3	-35	4	0	4	-29	3	-5	1	4	1	-76	4	-11	5	-3	1
1142227	PPM	0	0	47	1	271	4	352	4	0	1	0	3	2	3	0	6	0	6	-11	4	1	1	10	1	-12	4	35	9	1	1
1142228	PPM	0	0	45	1	299	4	184	3	1	1	-1	3	0	3	-15	5	-9	6	-6	4	0	1	10	1	-12	4	35	9	-1	1
1142229	PPM	0	0	43	1	289	4	296	4	1	1	-1	3	-1	4	1	6	-6	7	-5	4	1	1	14	1	-25	5	46	11	-3	1
1142230	PPM	0	0	39	1	237	3	293	4	0	1	0	3	2	3	-20	5	-3	6	-3	4	-1	1	13	1	-29	4	40	9	0	1
1142231	PPM	0	0	47	1	330	4	156	3	2	1	0	3	0	3	-19	6	-9	6	2	4	2	1	10	1	-11	4	23	9	-1	1
1142232	PPM	0	0	48	1	298	4	176	3	1	1	1	3	-5	3	-4	6	-4	6	-4	4	1	1	9	1	-12	4	20	9	1	1
1142233	PPM	0	0	45	1	333	4	176	3	1	1	-2	3	-2	4	2	6	12	7	1	4	2	1	10	1	-25	4	43	10	0	1
1142234	PPM	0	0	48	1	326	4	162	3	0	1	0	3	1	3	4	6	6	6	-2	4	1	1	12	1	-7	4	21	9	0	1
1142235	PPM	-1	0	49	1	275	4	292	4	0	1	2	3	8	3	-11	6	-1	6	-6	4	2	1	9	1	-13	4	33	9	-3	1
1142236	PPM	0	0	40	1	295	4	155	3	0	1	-2	3	5	3	-8	5	0	6	-9	4	1	1	9	1	-21	4	40	9	0	1
1142237	PPM	0	0	47	1	320	4	250	4	0	1	-1	3	1	3	-15	6	6	6	0	4	2	1	10	1	-18	4	46	10	2	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1142238	PPM	0	0	48	1	333	4	278	4	2	1	-6	3	3	4	-8	6	-6	7	1	4	2	1	8	1	-15	4	48	10	-2	1
1142239	PPM	0	0	43	1	338	4	257	4	1	1	-5	3	-4	3	9	6	1	6	-5	4	2	1	9	1	-4	4	39	9	-2	1
1142240	PPM	1	0	43	1	289	4	271	4	0	1	-2	3	1	3	-4	6	-16	6	-6	4	2	1	12	1	-8	4	37	9	-1	1
1142241	PPM	0	0	46	1	282	4	349	4	0	1	-1	3	-1	3	-14	6	-4	6	-7	4	1	1	10	1	-4	4	38	9	2	1
1142242	PPM	1	0	42	1	270	3	237	3	1	1	-3	3	-1	3	-3	5	-5	6	-6	4	1	1	14	1	-4	4	31	9	1	1
1142243	PPM	0	0	46	1	273	3	118	2	-1	1	-3	3	-4	3	-11	5	0	6	-5	4	0	1	11	1	-6	4	15	8	1	1
1142244	PPM	0	0	43	1	270	3	140	2	1	1	-4	3	-1	3	-16	5	-10	6	-2	4	1	1	7	1	-9	4	21	8	1	1
1142245	PPM	-1	0	42	1	318	4	174	3	3	1	0	3	-6	3	-1	6	-8	6	2	4	1	1	12	1	-3	4	41	9	-1	1
1142246	PPM	0	0	44	1	359	4	131	2	0	1	-5	3	3	3	-2	5	-9	6	-10	4	3	1	8	1	-8	4	9	9	0	1
1142247	PPM	0	0	11	0	58	1	26	1	1	1	10	3	14	3	-46	4	-4	4	-26	3	-4	1	3	1	-60	4	2	6	-2	1
1142248	PPM	-2	0	9	1	58	1	13	1	1	1	10	3	5	3	-41	4	7	5	-26	3	-4	1	13	1	-71	4	-16	6	-2	1
1142249	PPM	0	0	12	0	71	1	20	1	-1	1	11	3	9	2	-36	4	4	4	-29	3	-5	1	5	1	-51	3	-11	6	-1	1
1142250	PPM	-1	0	7	0	61	1	10	1	0	1	8	3	8	2	-33	4	6	4	-26	3	-6	1	9	1	-58	3	-16	5	-2	1
1142251	PPM	0	0	47	1	296	4	169	3	1	1	-3	3	0	3	-7	5	-4	6	-4	4	1	1	11	1	-9	4	17	9	-1	1
1142252	PPM	0	0	42	1	314	4	144	2	2	1	-5	3	-2	3	-3	5	-8	6	-6	4	1	1	10	1	-10	4	27	9	2	1
1142253	PPM	-1	0	6	0	56	1	12	1	1	1	8	3	9	2	-42	4	0	4	-28	3	-6	1	4	1	-58	4	-15	5	-3	1
1142254	PPM	0	0	43	1	314	4	77	2	1	1	-2	3	1	3	-3	6	1	6	-1	4	2	1	9	1	-6	4	32	9	1	1
1142255	PPM	0	0	44	1	310	4	254	4	1	1	-2	3	1	3	-19	6	-1	6	-12	4	3	1	10	1	-12	4	45	9	-1	1
1142256	PPM	-1	0	43	1	337	4	238	3	1	1	-2	3	-1	3	-6	6	6	6	-7	4	3	1	11	1	-15	4	29	9	-1	1
1142257	PPM	-1	0	45	1	306	4	193	3	2	1	2	3	-5	4	-1	6	-12	6	2	4	1	1	12	1	-14	4	50	10	2	1
1142258	PPM	0	0	44	1	300	4	227	3	0	1	0	3	-1	3	-5	6	-1	6	-7	4	3	1	10	1	-10	4	19	9	2	1
1142259	PPM	0	0	44	1	302	4	328	4	1	1	0	3	1	3	-2	6	-3	6	-5	4	0	1	10	1	-18	4	41	10	0	1
1142260	PPM	-1	0	36	1	309	4	205	3	0	1	-3	3	3	3	-18	5	-4	6	-11	4	3	1	9	1	-9	4	45	10	-1	1
1142261	PPM	0	0	40	1	283	4	178	3	-1	1	-3	3	1	3	-5	5	-4	6	-4	4	3	1	11	1	-6	4	25	9	5	1
1142262	PPM	0	0	40	1	298	4	143	2	1	1	-1	3	1	3	-15	5	-13	6	-2	4	1	1	13	1	-12	4	14	9	2	1
1142263	PPM	0	0	47	1	358	4	208	3	2	1	2	3	-2	3	-16	5	-13	6	-7	4	2	1	9	1	-11	4	42	9	-4	1
1142264	PPM	-1	0	9	0	57	1	9	1	1	1	11	3	8	3	-32	4	3	4	-27	3	-5	1	1	1	-48	4	-22	6	0	1
1142265	PPM	0	0	8	0	48	1	10	1	0	1	8	3	8	3	-38	4	-3	4	-29	3	-6	1	4	1	-52	4	-15	6	-2	1
1142266	PPM	0	0	45	1	307	4	148	2	1	1	-4	3	7	3	1	6	7	6	3	4	3	1	10	1	-11	4	30	9	-1	1
1142267	PPM	0	0	44	1	320	4	100	2	0	1	2	3	5	3	-4	5	-4	6	-1	4	0	1	12	1	-6	4	28	9	-1	1
1142268	PPM	0	0	40	1	295	4	217	3	1	1	-1	3	2	3	-7	5	-2	6	-1	4	0	1	8	1	-6	4	34	9	-2	1
1142269	PPM	0	0	43	1	321	4	151	2	1	1	2	3	0	3	1	5	-6	6	-5	4	2	1	8	1	-14	4	27	9	-2	1
1142270	PPM	0	0	44	1	331	4	202	3	1	1	-8	3	-3	3	-1	6	0	6	-1	4	2	1	7	1	-13	4	37	9	-1	1
1142271	PPM	0	0	46	1	320	4	139	2	2	1	-4	3	-5	3	-11	6	8	6	-10	4	4	1	8	1	-9	4	42	9	-1	1
1142272	PPM	0	0	45	1	276	4	297	4	1	1	2	3	2	3	-18	6	-3	6	-11	4	1	1	12	1	-19	4	26	9	-1	1
1142273	PPM	0	0	47	1	277	4	407	5	2	1	-6	3	3	3	-5	5	-1	6	-9	4	1	1	11	1	-6	4	51	9	0	1
1142274	PPM	1	0	51	1	295	4	312	4	0	1	-6	3	-1	3	-2	6	-6	6	-2	4	3	1	12	1	-13	4	40	9	-2	1
1142275	PPM	0	0	52	1	286	4	305	4	0	1	0	3	-1	3	-6	5	-14	6	-7	4	2	1	14	1	-14	4	36	9	-2	1
1142276	PPM	0	0	42	1	311	4	272	4	-1	1	-4	3	-1	4	-9	6	3	6	-10	4	1	1	9	1	-18	4	44	10	0	1
1142277	PPM	0	0	46	1	287	4	363	4	0	1	0	3	2	3	-14	5	-8	6	-9	4	3	1	8	1	-1	4	36	9	-2	1
1142278	PPM	0	0	43	1	335	4	266	4	-1	1	-9	3	-6	3	-2	6	-9	6	-3	4	2	1	8	1	-9	4	53	10	1	1
1142279	PPM	0	0	47	1	327	4	222	3	-1	1	-2	3	-2	3	1	6	4	6	-5	4	2	1	9	1	-14	4	37	9	-2	1
1142280	PPM	0	0	47	1	314	4	267	4	1	1	-4	3	0	3	-8	6	4	6	-9	4	3	1	10	1	-22	4	36	10	-2	1
1142281	PPM	0	0	43	1	326	4	217	3	-1	1	-2	3	3	3	-4	5	-11	6	-8	4	2	1	13	1	-10	4	23	9	-1	1
1142282	PPM	0	0	45	1	326	4	194	3	0	1	-1	3	4	3	-13	6	0	6	-2	4	1	1	9	1	-7	4	34	9	-2	1
1142283	PPM	0	0	43	1	327	4	246	3	0	1	2	3	8	3	-4	5	-8	6	-15	4	2	1	10	1	-21	4	51	10	0	1
1142284	PPM	0	0	41	1	318	4	226	3	0	1	-2	3	7	3	-4	5	-5	6	-7	4	1	1	10	1	2	4	41	9	0	1
1142285	PPM	-1	0	45	1	297	4	202	3	1	1	3	3	2	3	-10	6	-12	6	1	4	2	1	10	1	-18	4	45	9	0	1
1142286	PPM	0	0	43	1	332	4	224	3	1	1	-3	3	3	4	-3	6	3	6	-4	4	2	1	9	1	-14	4	50	10	2	2
1142287	PPM	0	0	11	0	37	1	16	1	-1	1	8	3	9	3	-34	4	11	4	-26	3	-5	1	3	1	-58	4	-17	6	-3	1
1142288	PPM	-1	0	9	0	41	1	17	1	0	1	12	3	8	3	-38	4	4	4	-27	3	-6	1	0	1	-62	4	-2	6	-2	1
1142289	PPM	0	0	9	0	41	1	8	1	1	1	6	3	4	2	-32	4	9	4	-23	3	-5	1	3	1	-49	3	-18	5	-1	1
1142290	PPM	0	0	10	0	42	1	16	1	-1	0	9	3	8	2	-35	4	0	4	-19	3	-5	1	1	1	-52	3	-23	5	-2	1
1142291	PPM	-1	0	7	0	114	2	7	1	0	1	8	3	10	2	-37	4	0	4	-25	3	-5	1	2	1	-52	3	-25	5	-2	1
1142292	PPM	0	0	8	0	100	2	13	1	-1	1	6	3	7	2	-32	4	3	4	-18	3	-5	1	2	1	-45	3	-24	5	-1	1
1142293	PPM	0	0	40	1	272	4	169	3	1	1	-2	3	-5	3	-7	6	-3	6	-5	4	1	1	11	1	-9	4	34	9	0	1

Sample No.	Units	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Zr	Zr +/-	Mo	Mo +/-	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-	Bi	Bi +/-	Th	Th +/-	U	U +/-
1142294	PPM	0	0	40	1	271	4	232	3	0	1	-1	3	1	3	-17	5	3	6	-12	4	2	1	11	1	-7	4	54	9	0	1
1142295	PPM	0	0	31	1	258	3	112	2	0	1	-3	3	-3	3	-20	5	5	6	-10	4	1	1	7	1	-10	4	31	8	0	1
1142296	PPM	0	0	7	0	48	1	31	1	0	1	11	3	10	3	-32	4	6	4	-22	3	-5	1	2	1	-37	3	-13	6	-1	1
1142297	PPM	0	0	44	1	312	4	265	4	0	1	-4	3	-1	3	-7	6	0	6	-2	4	2	1	11	1	-11	4	35	10	3	1
1142298	PPM	0	0	44	1	307	4	294	4	0	1	0	3	-3	4	-9	6	-8	6	-5	4	2	1	13	1	-10	4	26	10	1	1
1142299	PPM	0	0	47	1	296	4	318	4	-2	1	-6	3	-9	3	-10	5	-5	6	-9	4	0	1	11	1	-14	4	53	10	-1	1
1142300	PPM	0	0	44	1	283	4	255	4	1	1	-3	3	-5	3	-12	6	-6	6	-6	4	0	1	12	1	-17	4	36	9	2	1
1142301	PPM	0	0	46	1	311	4	283	4	1	1	-2	3	-5	3	-5	6	0	6	-3	4	0	1	14	1	-12	4	38	9	0	1
1142302	PPM	0	0	42	1	307	4	240	3	0	1	-1	3	-7	3	-15	6	-3	6	-7	4	2	1	11	1	-16	4	66	10	-1	1
1142303	PPM	0	0	41	1	308	4	124	2	-1	1	-1	3	-2	3	-15	5	-1	6	-12	4	0	1	7	1	-15	4	23	9	-1	1
1142304	PPM	1	0	44	1	331	4	182	3	1	1	-1	3	1	3	-7	5	-10	6	-9	4	2	1	9	1	-2	4	31	9	0	1
1142305	PPM	0	0	43	1	318	4	239	3	1	1	-2	3	4	3	0	5	-1	6	-7	4	2	1	9	1	-5	4	17	9	-2	1
1142306	PPM	0	0	42	1	301	4	340	4	0	1	-3	3	-2	3	-10	5	-2	6	-5	4	4	1	12	1	-2	4	29	9	2	1
1142307	PPM	0	0	45	1	291	4	304	4	1	1	4	3	11	3	-5	5	-1	6	-7	4	3	1	11	1	-12	4	52	9	-3	1
1142308	PPM	0	0	45	1	281	4	312	4	0	1	-1	3	0	3	-23	5	-11	6	-9	4	1	1	8	1	-17	4	28	9	0	1
1142309	PPM	1	0	44	1	343	5	296	4	1	1	-2	3	2	4	-4	6	-7	7	-4	4	2	1	10	1	-16	4	53	10	-1	1
1142310	PPM	0	0	48	1	273	4	305	4	1	1	6	3	2	3	-17	6	-10	6	-7	4	4	1	12	1	-5	4	37	9	-3	1
1142311	PPM	0	0	45	1	309	4	230	3	-1	1	-4	3	-2	3	1	6	-5	6	-9	4	2	1	11	1	-9	4	39	9	1	1
1142312	PPM	-1	0	19	1	80	2	60	2	2	1	10	3	6	3	-36	5	3	5	-32	3	-3	1	28	1	-73	4	6	8	-4	1
1142313	PPM	-1	0	8	1	18	1	2	1	2	1	11	3	10	3	-39	5	7	5	-34	4	-3	1	19	1	-71	5	-15	7	-4	1
1142314	PPM	-2	0	8	1	22	1	8	1	1	1	12	3	15	3	-40	5	-5	5	-35	3	-3	1	23	1	-72	5	-15	7	-3	1
1142315	PPM	0	0	43	1	300	4	246	3	0	1	-4	3	-2	3	-11	6	-2	6	-2	4	2	1	10	1	-8	4	47	9	0	1
1142316	PPM	0	0	44	1	329	4	330	4	1	1	-4	3	-1	3	-10	6	-7	6	0	4	0	1	10	1	-12	4	32	9	0	1
1142317	PPM	0	0	45	1	289	4	316	4	2	1	-9	3	-4	3	-4	6	-1	6	-2	4	1	1	11	1	-8	4	41	9	-1	1
1142318	PPM	0	0	46	1	343	4	275	4	0	1	1	3	5	3	-3	6	-15	6	-9	4	2	1	10	1	-16	4	39	10	0	1
1142319	PPM	1	0	45	1	340	4	222	3	1	1	-2	3	3	3	7	6	0	6	-5	4	2	1	9	1	-8	4	29	9	-1	1
1142320	PPM	0	0	45	1	319	4	306	4	0	1	1	3	5	3	-9	6	-9	6	-7	4	2	1	11	1	2	4	41	10	0	1
1142321	PPM	0	0	44	1	284	4	191	3	-1	1	-1	3	-2	3	-4	6	-5	6	-3	4	1	1	14	1	-12	4	26	9	0	1
1142322	PPM	0	0	44	1	338	4	189	3	0	1	0	3	-1	3	1	5	7	6	-8	4	1	1	11	1	-5	4	29	9	-3	1