Newfoundland Labrador

Natural Resources

Mines

LITHOGEOCHEMICAL DATABASE FOR THE AUCOIN GOLD PROSPECT, CENTRAL LABRADOR (NTS 13N/6 MAP AREA)

H.A.I. Sandeman

Open File 013N/06/0143

St. John's, Newfoundland
March, 2015

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GEOLOGICAL SURVEY
NEWFOUNDLAND AND LABRADOR
Celebrating 150 years

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CONTENTS

INTRODUCTION

The Aucoin gold prospect database presents lithogeochemical data for a suite of rock samples collected from the immediate vicinity of the Aucoin prospect in the NTS 13N/6 map area of central Labrador (Figure 1). The rock samples include ten collected by Andrew Kerr (GSNL) in the summer of 2009 and twenty seven collected by the author in the summer of 2010, as well as five samples of previously unanalyzed drillcore by Ascot Resources Ltd. (Lehtinen and Weber, 1996). The database also includes two duplicate analyses (HS10-180A and AK09-127B) and partial analyses of 8 different international reference materials (AGV-1, BS-1, CH-2, QLO-1, SDC-1, SU-1A, SY-4 and WGB-1). This open-file release incorporates data discussed in Sandeman and McNicoll (2015).

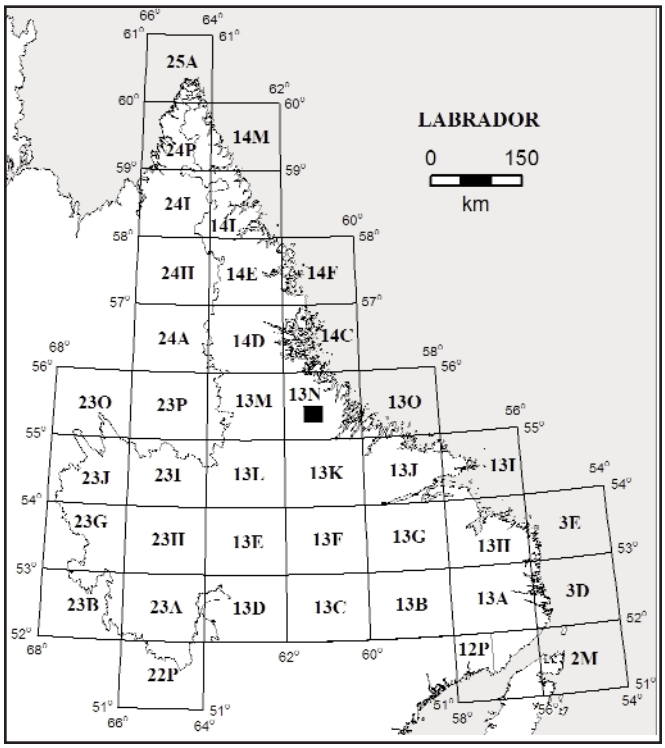

Figure 1. *Location of survey area.*

The Aucoin gold prospect is located in a remote part of central Labrador, approximately 75 km west of the community of Hopedale. It is situated in the west-central part of NTS 13N/6 map area and is only accessed through helicopter or fixed-wing air transport.

Mineralization at Aucoin is spatially associated with a northwest–southeast-trending, curviplanar shear zone (the Aucoin shear zone) characterized by at least 2 generations of quartz-veins and locally strong sericite+carbonate+chlorite alteration. The shear zone crosscuts late Neoarchean (*ca.* 2567 Ma) clinopyroxene+hornblende+ilmenite-magnetite syenite, monzodiorite and monzograbbro as well as thin, vertical diabase dykes of presumed Paleoproterozoic age (Cadman *et al.*, 1993). The mineralized zone consists of a network of typically thin (≤10 cm), anastomosing, discontinuous and locally sinusoidal quartz-veins containing local concentrations of pyrite+chalcopyrite±galena and accompanied by strong wall rock sericitization, carbonatization and also chloritization, depending upon the host lithology. Gold is accompanied by elevated Ag and Te and locally, Pb. Gold mineralization is Paleoproterozoic (*ca.* 1870 Ma) on the basis of ^{40}Ar-^{39}Ar thermochronology of a phengite grain-separate concentrate obtained from an altered syenite in the immediate structural hangingwall of the Aucoin shear zone. More detailed background information on the setting and origin of the Aucoin gold prospect can be found in the references given below, in particular Sandeman and Rafuse (2011) and Sandeman and McNicoll (2015).

NOTES ON THE DATABASE

All location data are presented in Universal Transverse Mercator (UTM), eastings and northings (Zone 21; NAD27) format. These were determined by a Garmin GPS in conjunction with topographic maps and satellite imagery. Samples are prefixed by the collecting geologists' initials where those samples containing the letters AK were collected by Andrew Kerr, and those with the letters HS were collected by Hamish Sandeman. The data table (Appendix 1) contains the whole-rock geochemical analytical data for the applicable samples along with 2 duplicate analyses (Appendix 2) and a number of reference materials utilized for the different analytical methods employed (Appendix 3). Major elements are recorded as weight percentages of their oxides. The minor-, trace- and rare-earth elemental compositions are given in ppm whereas gold is reported in ppb. Where the oxidation state was determined *via* titration, iron is presented as FeO and Fe_2O_3, otherwise it is represented as $Fe_2O_3^T$ (total: all iron is represented as Fe^{3+}). Volatiles are represented as LOI (loss-on-ignition) determined by gravimetric analysis. Instrumental neutron activation analyses (INAA) for As, Au, Br, Na (%), Sb and Se were obtained at Becquerel Laboratories using their standard techniques (http://www.becquerellabs.com/). All other analyses were completed at the Geological Survey's Geochemical Laboratory. Analytical methods for LOI, FeO, Ag, Be, Cd, Co, Cr, Cu, Fe (%), Li, Mn (ppm), Mo, Ni, P (ppm), Pb, Sc, Ti (ppm), V and Zn are after Finch (1998) but use a 4-acid digestion of HF-$HClO_4$-HCl plus HNO_3 rather than the 3-acid digestion. The major and some trace elements (Ba and Zr) were analyzed by ICP-OES (inductively coupled plasma - optical emission spectrometry) following lithium borate fusion. The sample rock powders were fused at 1000°C for 30 minutes in a graphite crucible using a blend of different lithium borates (C. Finch, personal communication, 2014). The molten fusion bead was poured directly into a 10% solution of nitric acid and stirred for ~15 minutes until dissolution. The solution was then topped-up to a final volume of 100 ml. An aliquot of this solution was measured directly by a Thermo Instruments iCap 6500 ICP-OES for major-element and Ba and Zr trace-element abundances. This original analyte solution was further diluted 20 times, and topped-up to volume with a 2% solution of nitric acid and analyzed by a Thermo Instruments X-Series II, Inductively Coupled Plasma Mass Spectrometer (ICP-MS) for most other trace- and rare-earth elements.

Where an element was analyzed using multiple methods, the value determined by the method that appears most reliable is presented. Precision and accuracy were evaluated through examination of duplicate sample analyses (Appendix 2) and standard reference material (Appendix 3) obtained at the same time as the unknowns. For elements not determined, the number -99 has been placed in the database, whereas elemental analyses that are below detection limits are presented as the estimated detection limit (*e.g.*, 0.1, 1, 5). Please note that some elements may have differing detection limits depending upon interference from other elements.

External data from eight assessment files have been compiled and are presented in Appendix 4. These data are from samples analyzed by external laboratories with different digestion methods and analytical techniques and may not have been rigorously evaluated for precision and accuracy. Refer to the assessment files (*see* Geofiles column) for the methodology and upper and lower detection limits.

ACKNOWLEDGMENTS

Chris Finch and the staff at the Geological Survey of Newfoundland, Howley Building Geochemical Laboratories are warmly thanked for their efforts in obtaining the high-quality lithogeochemical data. Pauline Honarvar assisted greatly with the formatting and cleaning of the database. The staff of the Geoscience Publications and Information Section are thanked for their unstinting efforts.

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Open File 013N/06/0143 - Appendix 1

SampleNum Detection Limit Analysis Method	LabNum	Geofile	Geologist	Description/comment
AK09-121A	8940378	13N/06/0143	A. Kerr	Pyrite+chalcopyrite+galena-bearing quartz vein
AK09-122B	8940379	13N/06/0143	A. Kerr	Banded, pyroxene+hornblende - bearing quartz monzonite locally varying to diorite
AK09-123	8940381	13N/06/0143	A. Kerr	Close to area where map shows diabase dykes. Thin dykes in O/C
AK09-124	8940382	13N/06/0143	A. Kerr	Relatively fresh med-coarse-grained hornblende porphyritic monzodiorite
AK09-125A	8940383	13N/06/0143	A. Kerr	Medium-grained, weakly foliated, clinopyroxene+hornblende+magnetite-ilmenite syenite
AK09-125B	8940384	13N/06/0143	A. Kerr	Well developed mafic dyke cuts fabric in syenite at high angle
AK09-127A	8940385	13N/06/0143	A. Kerr	Strongly sericite altered syenite
AK09-127B	8940386	13N/06/0143	A. Kerr	Map says vein gave values of 1.8g/t Au with Py+Cpy in selvages and wall rock
AK09-129B	8940387	13N/06/0143	A. Kerr	Sulphidic part of the Turpin Vein
AK09-129C	8940388	13N/06/0143	A. Kerr	Bull white quartz from the Turpin Showing
AR96-01-19.5m	8940389	13N/06/0143	H. Sandeman	Fine-grained, schistose and sheared CaCO3-rich monzodiorite?
AR96-01-65m	8940391	13N/06/0143	H. Sandeman	Medium-grained, weakly foliated syenite
AR96-04-19.2	8940392	13N/06/0143	H. Sandeman	Medium-grained hornblende monzodiorite grades into sheared mafic rock (strongly altered)
AR96-04-25.3m	8940393	13N/06/0143	H. Sandeman	Coarse-grained, hornblende-clinopyroxene monzogabbro
AR96-04-25.8m	8940394	13N/06/0143	H. Sandeman	Medium-grained hornblende monzodiorite
HS10-173	8940432	13N/06/0143	H. Sandeman	Medium-grained, clinopyroxene+hornblende+magnetite-ilmenite syenite
HS10-175A	8940433	13N/06/0143	H. Sandeman	Quartz vein cuts syenite
HS10-176A	8940434	13N/06/0143	H. Sandeman	Aucoin quartz vein with abundant pyrite
HS10-176C	8940435	13N/06/0143	H. Sandeman	Chlorite+carbonate altered monzodiorite host
HS10-176D	8940436	13N/06/0143	H. Sandeman	Mafic unit to east of prospect. Is this a Kikkertavak dyke or is it sheared altered monzodiorite cut by pyrite quartz veinlet
HS10-176E	8940437	13N/06/0143	H. Sandeman	Fresh host syenite 30 m to west of Aucoin prospect
HS10-177C	8940438	13N/06/0143	H. Sandeman	Syenite with quartz vein
HS10-177A	8940439	13N/06/0143	H. Sandeman	Anastamosing quartz vein (10 cm wide) cuts reddened altered syenite
HS10-177B	8940441	13N/06/0143	H. Sandeman	Weakly altered host syenite 5 metres away
HS10-178A	8940442	13N/06/0143	H. Sandeman	Sigmoidal quartz+ carbonate + sulpide vein in strongly carbonate sericite altered rock (surface trace of Aucoin shear zone?)
HS10-179C	8940443	13N/06/0143	H. Sandeman	Sulphide-bearing quartz+calcite vein material from the base of the Turpin Vein.
HS10-179D	8940444	13N/06/0143	H. Sandeman	Sericite+carbonate+pyrite altered syenite xenolith from the Turpin vein
HS10-179E	8940445	13N/06/0143	H. Sandeman	Sericite+carbonate+pyrite altered syenite from the structural footwall of the Turpin vein
HS10-180A	8940446	13N/06/0143	H. Sandeman	Clinopyroxene+hornblende+magnetite-ilmenite syenite
HS10-180B	8940447	13N/06/0143	H. Sandeman	Fine-grained, clinopyroxene+hornblende+magnetite-ilmenite monzodiorite
HS10-180C	8940448	13N/06/0143	H. Sandeman	Plagioclase porphyritic late cross cutting dyke
HS10-181	8940449	13N/06/0143	H. Sandeman	Clinopyroxene+hornblende+magnetite-ilmenite syenite
HS10-185	8940451	13N/06/0143	H. Sandeman	Mafic dyke cuts host syenite
HS10-188A	8940452	13N/06/0143	H. Sandeman	Split core of sulphidic quartz vein (unknown drill hole)
HS10-188B	8940453	13N/06/0143	H. Sandeman	Chlorite-carbonate altered pyritic monzogabbro host (unknown drill hole)
HS10-191	8940454	13N/06/0143	H. Sandeman	Altered syenite adjacent to quartz veins (unknown drill hole)
HS10-175B	8940478	13N/06/0143	H. Sandeman	Sericite and carbonate altered magnetite-clinopyroxene monzodiorite

SampleNum Detection Limit Analysis Method	LabNum	Rock_Type	Lab_Method	UTMEast	UTMNorth
AK09-121A	8940378	Quartz Vein	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602430	6130650
AK09-122B	8940379	Monzodiorite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602434	6135900
AK09-123	8940381	Mafic dyke	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602338	6135931
AK09-124	8940382	Monzodiorite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602406	6136079
AK09-125A	8940383	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602387	6136003
AK09-125B	8940384	Mafic dyke	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602387	6136003
AK09-127A	8940385	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602636	6135667
AK09-127B	8940386	Quartz Vein	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602636	6135667
AK09-129B	8940387	Sulphidic quartz vein	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602564	6135428
AK09-129C	8940388	Quartz Vein	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602564	6135428
AR96-01-19.5m	8940389	Monzogabbro	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602400	6136000
AR96-01-65m	8940391	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602400	6136000
AR96-04-19.2	8940392	Monzodiorite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602400	6136000
AR96-04-25.3m	8940393	Monzogabbro	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602400	6136000
AR96-04-25.8m	8940394	Monzodiorite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602400	6136000
HS10-173	8940432	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602373	6135855
HS10-175A	8940433	Quartz Vein	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602477	6135884
HS10-176A	8940434	Quartz Vein	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602426	6136065
HS10-176C	8940435	Monzodiorite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602426	6136065
HS10-176D	8940436	Mafic dyke	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602426	6136065
HS10-176E	8940437	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602391	6136052
HS10-177C	8940438	Syenite with quartz	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602415	6135876
HS10-177A	8940439	Quartz Vein	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602415	6135876
HS10-177B	8940441	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602415	6135876
HS10-178A	8940442	Quartz Vein	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602477	6135905
HS10-179C	8940443	Quartz Vein	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602564	6135428
HS10-179D	8940444	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602564	6135428
HS10-179E	8940445	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602564	6135428
HS10-180A	8940446	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602650	6135349
HS10-180B	8940447	Monzodiorite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602650	6135349
HS10-180C	8940448	Mafic dyke	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602650	6135349
HS10-181	8940449	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602435	6133697
HS10-185	8940451	Mafic dyke	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	601374	6135272
HS10-188A	8940452	Quartz Vein	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602584	6136291
HS10-188B	8940453	Monzodiorite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602584	6136291
HS10-191	8940454	Syenite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602584	6136291
HS10-175B	8940478	Monzodiorite	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602477	6135884

SampleNum	LabNum	UTMZone	Datum	Hole_ID	From_m	To_m	Elev_m	Azimuth	Dip	TotDepth_m	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	Fe2O3_pct
Detection Limit											0.01	0.001	0.01	0.01	0.01
Analysis Method											ICP-OES	ICP-OES	ICP-OES	ICP-OES	Difference
AK09-121A	8940378	20	NAD27								94.44	0.118	0.67	1.24	-99
AK09-122B	8940379	20	NAD27								39.09	2.526	10.56	13.39	4.92
AK09-123	8940381	20	NAD27								48.35	0.912	13.34	13.16	4.35
AK09-124	8940382	20	NAD27								41.67	6.362	8.7	20.22	7.4
AK09-125A	8940383	20	NAD27								62.75	0.558	15.04	3.29	1.32
AK09-125B	8940384	20	NAD27								47.35	1.658	12.54	14.87	5.76
AK09-127A	8940385	20	NAD27								59.29	0.828	15.94	3.67	1.75
AK09-127B	8940386	20	NAD27								95.34	0.081	1.3	0.45	0.1
AK09-129B	8940387	20	NAD27								95.21	0.008	0.62	0.03	-99
AK09-129C	8940388	20	NAD27								97.58	0.01	0.45	0.08	-99
AR96-01-19.5m	8940389	20	NAD27	AR96-01	19.45	19.6	305	115	45	71.9	40.33	1.885	4.77	16.77	6.33
AR96-01-65m	8940391	20	NAD27	AR96-01	64.9	65.1	305	115	45	71.9	61.83	0.748	14.91	4.03	2.04
AR96-04-19.2	8940392	20	NAD27	AR96-04	19.1	19.25	314	59	45	52.9	36.21	2.916	2.93	17.43	6.8
AR96-04-25.3m	8940393	20	NAD27	AR96-04	25.2	25.4	314	59	45	52.9	37.28	8.168	7.51	25.34	7.96
AR96-04-25.8m	8940394	20	NAD27	AR96-04	25.7	25.9	314	59	45	52.9	38.82	7.621	7.71	24.09	7.74
HS10-173	8940432	20	NAD27								60.18	0.759	15.03	3.91	1.8
HS10-175A	8940433	20	NAD27								95.24	0.013	0.4	2.27	-99
HS10-176A	8940434	20	NAD27								68.29	1.071	6.76	7.63	2.4
HS10-176C	8940435	20	NAD27								38.83	3.691	7.77	18.79	8.18
HS10-176D	8940436	20	NAD27								41.62	1.713	11.81	13.93	5.5
HS10-176E	8940437	20	NAD27								59.27	0.78	14.91	4.45	1.91
HS10-177C	8940438	20	NAD27								79.6	0.635	9.34	3.73	1.73
HS10-177A	8940439	20	NAD27								94.39	0.157	1.51	1.46	-99
HS10-177B	8940441	20	NAD27								63.64	0.868	16.23	3.28	2
HS10-178A	8940442	20	NAD27								88.07	0.101	1.06	6.11	0.44
HS10-179C	8940443	20	NAD27								98.26	0.013	0.44	0.16	0.02
HS10-179D	8940444	20	NAD27								50.05	0.552	12.54	6.47	2.94
HS10-179E	8940445	20	NAD27								56.77	0.71	16.29	3.83	0.92
HS10-180A	8940446	20	NAD27								57.48	0.983	14.63	6.26	3.21
HS10-180B	8940447	20	NAD27								50.93	2.012	13.99	13.49	6.5
HS10-180C	8940448	20	NAD27								50.74	1.799	13.24	14.67	5.24
HS10-181	8940449	20	NAD27								58.44	0.799	14.89	5.7	1.86
HS10-185	8940451	20	NAD27								46.62	0.947	14.98	13.75	2.8
HS10-188A	8940452	20	NAD27								95.67	0.027	1.02	0.16	-99
HS10-188B	8940453	20	NAD27								35.22	5.568	7.97	18.55	7.79
HS10-191	8940454	20	NAD27								33.16	5.983	8.05	18.12	6.54
HS10-175B	8940478	20	NAD27								42.3	0.698	11.26	6.86	2.33

Open File 013N/06/0143 - Appendix 1

SampleNum	LabNum	FeO_pct	MnO_pct	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	Ba_ppm	Zr_ppm	Ag_ppm	As_ppm	Au_ppb	Be_ppm
Detection Limit		0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1	0.05	0.5	1	0.1
Analysis Method		Titration	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	Grav	ICP-OES	ICP-OES	ICP-OES	INAA	INAA	ICP-OES
AK09-121A	8940378	-99	0.01	0.11	0.35	0.02	0.06	0.005	1.02	136	6	1.73	-0.5	1410	0.2
AK09-122B	8940379	7.62	0.173	5.25	8.9	2.26	2.66	0.464	12.34	1472	325	0.89	0.8	1460	2.6
AK09-123	8940381	7.93	0.24	7.6	9.9	2.9	0.26	0.065	2.56	185	46	-0.05	-0.5	3	0.5
AK09-124	8940382	11.53	0.21	7.34	9.74	1.9	0.87	0.355	1.54	606	279	-0.05	-0.5	-1	1.6
AK09-125A	8940383	1.77	0.069	1.18	3.58	3.26	7.56	0.481	0.71	3723	365	-0.05	-0.5	-1	2.2
AK09-125B	8940384	8.2	0.239	6.58	9.37	2.68	0.5	0.168	2.18	302	100	0.1	-0.5	-1	1
AK09-127A	8940385	1.72	0.066	0.89	4.91	0.19	5.58	0.748	6.3	5662	740	0.87	-0.5	697	3.1
AK09-127B	8940386	0.32	0.001	0.04	0.06	-0.01	0.33	0.074	0.5	504	69	7.71	-0.5	4020	0.3
AK09-129B	8940387	-99	-0.001	-0.01	-0.01	-0.01	-0.01	-0.001	0.17	8	-1	-0.05	-0.5	3	-0.1
AK09-129C	8940388	-99	0.004	-0.01	0.05	-0.01	-0.01	-0.001	0.26	21	-1	0.39	-0.5	143	-0.1
AR96-01-19.5m	8940389	9.4	0.178	19.72	6.18	0.02	0.77	0.173	7.98	488	135	-0.05	0.5	-1	0.8
AR96-01-65m	8940391	1.79	0.06	1.48	3.23	3.95	6.43	0.611	0.8	4727	459	-0.05	-0.5	-1	2.8
AR96-04-19.2	8940392	9.57	0.192	19.22	7.36	-0.01	-0.01	0.083	10.91	22	75	-0.05	0.7	3	0.5
AR96-04-25.3m	8940393	15.64	0.236	7.96	10.16	1.65	0.78	0.196	0.39	400	220	-0.05	-0.5	-1	1.1
AR96-04-25.8m	8940394	14.71	0.244	8.03	10.6	1.72	0.94	0.228	0.48	484	228	-0.05	-0.5	-1	1.2
HS10-173	8940432	1.9	0.087	1.82	5.46	3.24	7.33	0.862	0.64	5972	552	-0.05	-0.5	-1	2.8
HS10-175A	8940433	-99	0.001	-0.01	0.01	-0.01	-0.01	-0.001	1.49	143	-1	1.04	-0.5	704	-0.1
HS10-176A	8940434	4.7	0.076	2.34	3.85	0.53	2.1	0.072	7.05	1348	64	3.27	1.4	3850	1.9
HS10-176C	8940435	9.55	0.233	6.8	9.65	1.56	1.75	0.378	10.7	643	190	0.51	-0.5	389	1.6
HS10-176D	8940436	7.59	0.182	4.54	8.32	3.42	1.71	0.146	9.19	669	106	1	0.7	1090	1.4
HS10-176E	8940437	2.28	0.095	1.78	5.26	3.39	7.19	0.723	0.57	4625	364	-0.05	-0.5	-1	2.5
HS10-177C	8940438	1.81	0.011	0.58	0.37	0.09	3.28	0.247	2.5	2124	265	1.12	-0.5	8370	2.9
HS10-177A	8940439	-99	0.011	0.08	0.14	-0.01	0.29	0.012	1.11	228	14	1.87	-0.5	9860	0.3
HS10-177B	8940441	1.15	0.028	0.91	2.39	2.91	4.14	0.707	3.6	3782	528	-0.05	-0.5	102	3.7
HS10-178A	8940442	5.1	0.007	0.05	0.06	-0.01	0.24	0.014	3.48	832	6	11.62	-0.5	3290	0.3
HS10-179C	8940443	0.13	0.002	-0.01	0.07	-0.01	0.04	-0.001	0.46	65	1	0.07	-0.5	70	-0.1
HS10-179D	8940444	3.17	0.124	2.97	8.63	1.14	3.79	2.911	8.73	6839	559	-0.05	-0.5	144	3.9
HS10-179E	8940445	2.62	0.054	1.2	5.77	4.6	3.31	0.714	5.89	5846	466	-0.05	-0.5	257	2.3
HS10-180A	8940446	2.74	0.095	2.29	5.76	3.33	7	1.099	0.28	5168	1080	-0.05	-0.5	-1	1.7
HS10-180B	8940447	6.29	0.168	4.64	8.02	5.06	1.08	0.139	1.25	202	87	0.06	-0.5	-1	0.8
HS10-180C	8940448	8.49	0.217	5.33	7.92	2.35	1.16	0.17	1.98	504	142	0.27	-0.5	-1	0.9
HS10-181	8940449	3.46	0.091	2.41	5.45	3.06	7.2	1.101	0.41	5823	511	-0.05	-0.5	20	4.6
HS10-185	8940451	9.85	0.215	7.77	9.57	1.87	0.68	0.064	3.34	196	50	0.11	-0.5	-1	0.3
HS10-188A	8940452	-99	0.003	0.04	0.24	-0.01	0.05	0.003	0.49	102	9	-0.05	-0.5	5	-0.1
HS10-188B	8940453	9.69	0.192	6.47	9.36	1.51	1.44	0.331	11.7	457	203	0.39	-0.5	348	1.3
HS10-191	8940454	10.42	0.198	6.13	9.48	1.45	1.92	0.25	11.82	660	201	1.59	-0.5	1960	1.5
HS10-175B	8940478	4.08	0.171	4.68	12.8	0.82	3.4	1.509	15.04	1263	165	-0.05	-0.5	4	4.2

SampleNum	LabNum	Bi_ppm	Br_ppm	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe_pct	Ga_ppm	Gd_ppm	Ge_ppm
Detection Limit		0.1, 0.4	1	0.1	0.5	1	1	0.1, 0.5	1	0.1	0.05	0.05	0.01	1	0.1	0.5
Analysis Method		ICP-MS	INAA	ICP-OES	ICP-MS	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-MS	ICP-MS	ICP-MS	ICP-OES	ICP-MS	ICP-MS	ICP-MS
AK09-121A	8940378	-0.1	-1	-0.1	3.2	4	2	0.1	4	0.2	0.08	0.1	0.92	1	0.3	1
AK09-122B	8940379	-0.1	-1	0.2	135	45	21	0.4	119	7.7	3.21	3.75	9.62	25	11.1	5.2
AK09-123	8940381	0.3	-1	0.3	13.2	48	160	0.2	129	5.8	3.74	1.39	9.31	18	4.6	3.9
AK09-124	8940382	0.6	-1	0.3	162.8	102	12	0.4	87	12.4	5.5	5.52	13.77	38	16.9	8.3
AK09-125A	8940383	0.2	-1	-0.1	615	7	8	0.1	48	14	5.01	12.6	2.27	47	33.3	16.4
AK09-125B	8940384	0.4	-1	0.3	39.4	52	85	0.2	50	10.3	6.31	2.55	10.28	25	8.6	4.9
AK09-127A	8940385	0.3	-1	0.1	762.7	7	21	0.4	8	14.4	4.75	14.7	2.57	53	37.7	18.1
AK09-127B	8940386	-0.1	-1	-0.1	58	-1	3	0.2	6	0.8	0.31	1.1	0.34	3	2.8	1.4
AK09-129B	8940387	0.5	-1	-0.1	0.5	-1	1	0.3	2	-0.1	-0.05	-0.05	0.03	1	-0.1	1.3
AK09-129C	8940388	0.1	-1	-0.1	5.6	-1	-1	0.2	17	-0.1	-0.05	0.07	0.06	1	0.2	1.1
AR96-01-19.5m	8940389	0.2	-1	0.2	52.3	92	493	0.4	124	3.1	1.23	1.62	11.4	13	4.5	4
AR96-01-65m	8940391	0.1	-1	-0.1	468.1	12	17	0.1	4	6.2	1.93	7.44	2.71	36	18.8	15.4
AR96-04-19.2	8940392	0.2	-1	0.3	26.5	92	749	-0.1	142	2.3	0.99	0.91	12.29	8	3.2	4.1
AR96-04-25.3m	8940393	-0.1	-1	0.5	58.5	131	29	0.1	132	4.6	1.83	2.08	16.74	21	6.5	5.1
AR96-04-25.8m	8940394	-0.1	-1	0.4	61.4	122	23	0.2	109	4.7	1.95	2.22	15.55	19	6.8	4.8
HS10-173	8940432	0.1	-1	-0.1	618.6	14	14	0.2	3	11	3.57	10.42	3.09	41	31.2	16.6
HS10-175A	8940433	0.2	-1	-0.1	3.1	2	-1	-0.1	2	0.1	-0.05	0.1	1.7	1	0.3	1.6
HS10-176A	8940434	0.4	-1	0.2	32.1	30	36	0.3	64	1.6	0.89	1.08	5.37	13	2.7	2.3
HS10-176C	8940435	0.5	-1	-0.1	98.2	56	109	0.8	93	5.9	2.45	2.83	12.71	26	9.1	5.4
HS10-176D	8940436	0.2	-1	0.2	31.4	39	41	0.3	133	4.9	2.69	1.35	9.97	19	4.9	3.1
HS10-176E	8940437	-0.1	-1	-0.1	533.5	12	10	0.1	7	8.7	3	9.14	3.66	36	24.2	14.1
HS10-177C	8940438	0.3	-1	-0.1	212.5	9	6	0.2	3	3.3	1.14	3.12	2.93	22	8.3	6.3
HS10-177A	8940439	0.1	-1	-0.1	4.3	3	2	0.3	12	0.3	0.21	0.14	1.07	2	0.4	1
HS10-177B	8940441	-0.1	-1	-0.1	528.5	7	10	0.3	2	8	2.71	8.77	2.64	47	22.8	16.9
HS10-178A	8940442	10.6	-1	-0.1	4.8	8	4	-0.1	11	0.2	0.11	0.15	4.47	2	0.3	1.8
HS10-179C	8940443	-0.1	-1	-0.1	1.2	-1	1	-0.1	3	-0.1	-0.05	-0.05	0.08	1	-0.1	1
HS10-179D	8940444	0.4	-1	0.1	1050	15	4	0.2	13	15.8	4.74	16.95	5.08	57	47.8	31.3
HS10-179E	8940445	0.9	-1	-0.1	636.9	7	13	0.2	4	7.7	2.77	8.56	2.94	48	22	16.4
HS10-180A	8940446	0.9	-1	-0.1	630.6	19	24	-0.1	3	10.5	3.36	11.03	4.77	47	30.4	20.4
HS10-180B	8940447	0.4	-1	0.1	39.7	44	62	-0.1	36	4.9	2.33	1.78	10.09	26	6	4.1
HS10-180C	8940448	-0.1	-1	0.1	42.2	49	72	0.5	181	6.1	3.48	1.73	10.39	24	6.3	4.2
HS10-181	8940449	0.8	-1	-0.1	717.8	19	22	0.1	2	11.8	3.67	11.99	4.85	47	33.5	21.9
HS10-185	8940451	0.3	-1	0.1	11.6	55	141	0.2	107	3.8	2.51	0.99	9.59	18	3.3	3.1
HS10-188A	8940452	-0.1	-1	-0.1	1.5	-1	1	-0.1	1	-0.1	0.06	0.08	0.12	2	0.1	1.6
HS10-188B	8940453	-0.1	-1	-0.1	92.8	64	20	0.4	97	6.1	2.76	3.02	12.64	29	9.4	5.6
HS10-191	8940454	-0.1	-1	0.1	104	66	13	0.4	80	6.5	2.69	3.35	12.4	26	9.7	5
HS10-175B	8940478	-0.1	-1	0.2	552.2	8	155	0.2	2	9.9	3.01	9.41	5.02	38	27.1	13.7

SampleNum	LabNum	Hf_ppm	Ho_ppm	In_ppm	La_ppm	Li_ppm	Lu_ppm	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Nd_ppm	Ni_ppm	P_ppm	Pb_ppm	Pr_ppm
Detection Limit		0.1	0.05	0.1, 0.2	0.5	0.1	0.05	1	1	0.05	0.5	0.1	1	1	1	0.05
Analysis Method		ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-OES	ICP-MS	ICP-OES	ICP-OES	INAA	ICP-MS	ICP-MS	ICP-OES	ICP-OES	ICP-OES	ICP-MS
AK09-121A	8940378	0.4	-0.05	-0.1	1.8	0.6	-0.05	87	-1	-0.05	2.4	1.6	6	41	187	0.37
AK09-122B	8940379	8	1.25	-0.1	58.8	16.3	0.28	1173	1	1.6	37.3	76	57	1820	4	17.74
AK09-123	8940381	2.7	1.22	0.1	6	20.4	0.61	1622	-1	2.2	5.7	11.8	71	278	-1	2.1
AK09-124	8940382	15.7	2.08	0.2	72	7.3	0.57	1308	-1	1.5	60.3	93.5	62	1423	-1	22.28
AK09-125A	8940383	15.8	2.08	-0.1	227.2	2.2	0.47	497	1	2.2	19.5	365.9	8	2060	45	89.01
AK09-125B	8940384	5.8	2.07	-0.1	21	20.8	1	1574	-1	2	13	28.2	45	670	14	5.55
AK09-127A	8940385	25.9	1.86	0.1	290.3	10.7	0.47	496	-1	0.22	17.9	427.9	18	3079	24	106.8
AK09-127B	8940386	1.5	0.12	-0.1	22.9	0.7	-0.05	17	2	-0.05	4.9	30	-1	349	64	7.63
AK09-129B	8940387	0.2	-0.05	-0.1	-0.5	-0.1	-0.05	4	-1	-0.05	1.7	0.2	-1	4	-1	0.07
AK09-129C	8940388	0.2	-0.05	-0.1	5.7	0.2	-0.05	35	-1	-0.05	4.2	1.8	-1	20	3	0.43
AR96-01-19.5m	8940389	3.2	0.49	-0.1	24.5	14.1	0.12	1161	-1	0.25	17.6	27.4	1013	697	3	6.45
AR96-01-65m	8940391	7.7	0.86	-0.1	167	2.4	0.15	429	-1	2.8	10.3	241.2	17	2531	41	61.99
AR96-04-19.2	8940392	2.1	0.38	-0.1	11.6	9.5	0.09	1260	-1	0.16	11.4	16.4	986	337	9	3.5
AR96-04-25.3m	8940393	5.1	0.74	0.1	24.8	8.2	0.18	1345	-1	1.3	41.7	33.9	101	764	-1	7.97
AR96-04-25.8m	8940394	5.1	0.79	-0.1	25.7	8.1	0.2	1387	-1	1.4	35.8	36.6	87	882	-1	8.31
HS10-173	8940432	15.1	1.57	-0.1	238.1	7.3	0.33	696	1	2.3	17.6	326.7	17	3896	44	81.77
HS10-175A	8940433	0.9	-0.05	-0.1	1.8	-0.1	-0.05	15	-1	-0.05	5.9	1.5	-1	12	15	0.36
HS10-176A	8940434	1.9	0.28	-0.1	14.2	11.1	0.1	562	4	0.43	9.5	17.3	55	329	217	4.29
HS10-176C	8940435	5.1	0.95	0.1	41.5	16.2	0.24	1606	-1	1.2	30.2	55	116	1510	3	13.27
HS10-176D	8940436	2.8	0.92	0.1	13.5	15	0.35	1288	-1	2.6	10	18.9	61	590	-1	4.14
HS10-176E	8940437	6.9	1.23	-0.1	192.1	5.5	0.25	750	1	2.5	15.5	279	16	3300	40	71.37
HS10-177C	8940438	4.3	0.5	-0.1	84.2	11.8	0.08	101	-1	0.13	7	101.5	14	1097	2	27.16
HS10-177A	8940439	0.4	0.08	-0.1	1.9	0.9	-0.05	87	-1	-0.05	2.4	2.8	2	56	9	0.56
HS10-177B	8940441	10.6	1.17	0.1	196.1	14.3	0.15	246	-1	2.1	17.2	278.1	17	3314	2	69.46
HS10-178A	8940442	0.3	-0.05	-0.1	2.8	0.8	-0.05	56	-1	-0.05	1.8	2.7	11	59	890	0.64
HS10-179C	8940443	-0.1	-0.05	-0.1	3.3	-0.1	-0.05	14	-1	-0.05	0.8	0.5	-1	5	3	0.12
HS10-179D	8940444	10.7	2.15	-0.1	404.6	18.2	0.45	986	-1	1	6.6	540.3	23	12655	11	133.5
HS10-179E	8940445	10.2	1.14	-0.1	270.9	11.2	0.55	424	-1	3.2	13.3	278.8	14	3037	4	74.34
HS10-180A	8940446	13.3	1.42	-0.1	234.8	11.9	0.62	756	-1	2.4	8.3	354.6	29	4873	27	85.28
HS10-180B	8940447	3.5	0.85	-0.1	19.4	15.7	0.37	1177	-1	3.5	10.9	22.2	71	572	-1	4.83
HS10-180C	8940448	4.1	1.16	0.1	19.3	23.3	0.32	1508	-1	1.7	11.2	24.1	70	680	3	5.52
HS10-181	8940449	8.8	1.73	-0.1	278.5	10.7	0.51	742	-1	2.1	9.6	366.5	28	5003	51	92.89
HS10-185	8940451	1.6	0.85	-0.1	5.7	24.9	0.43	1536	-1	1.4	4.1	8.6	99	280	-1	1.71
HS10-188A	8940452	-0.1	-0.05	-0.1	0.9	-0.1	-0.05	24	-1	-0.05	1.2	1.1	-1	5	2	0.24
HS10-188B	8940453	6.4	1.08	0.1	40.7	15	0.13	1342	-1	1.3	48.3	52.9	73	1297	2	12.17
HS10-191	8940454	6.2	1.11	0.2	45.7	18.7	0.16	1384	-1	1.3	59.4	57.9	66	998	-1	13.36
HS10-175B	8940478	5.5	1.39	0.3	236.1	31.2	0.14	1205	-1	0.7	7.3	275.5	86	6007	6	68.68

SampleNum	LabNum	Rb_ppm	Sb_ppm	Sc_ppm	Se_ppm	Sm_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Tb_ppm	Th_ppm	Ti_ppm	Tl_ppm	Tm_ppm	U_ppm	V_ppm
Detection Limit		1	0.1	0.1	1	0.1	1	1	0.5	0.05	0.05	1	0.1	0.05	0.05	1
Analysis Method		ICP-MS	INAA	ICP-OES	INAA	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-OES	ICP-MS	ICP-MS	ICP-MS	ICP-OES
AK09-121A	8940378	3	-0.1	0.9	-1	0.2	1	31	-0.5	-0.05	0.11	90	-0.1	-0.05	0.08	9
AK09-122B	8940379	49	0.1	26	-1	14.4	2	1297	2.5	1.4	4.06	5237	-0.1	0.42	0.98	233
AK09-123	8940381	16	0.2	50.9	-1	3.3	2	1324	0.5	0.81	0.46	5543	-0.1	0.55	0.13	292
AK09-124	8940382	30	-0.1	36.4	-1	19.1	4	948	5.6	2.09	7.66	31745	-0.1	0.62	2.17	490
AK09-125A	8940383	195	-0.1	4.6	-1	55.7	3	3110	1.2	3.41	49.68	3503	-0.1	0.52	2.96	36
AK09-125B	8940384	21	-0.1	48.5	-1	7.3	2	986	-0.5	1.54	1.8	10047	-0.1	0.88	0.49	353
AK09-127A	8940385	108	0.2	5.2	-1	64	2	736	2.5	3.41	29.78	1035	-0.1	0.52	3.04	50
AK09-127B	8940386	7	-0.1	0.5	-1	4.2	2	37	-0.5	0.24	2.1	150	-0.1	-0.05	-0.05	8
AK09-129B	8940387	6	-0.1	-0.1	-1	-0.1	-1	3	-0.5	-0.05	0.07	16	-0.1	-0.05	-0.05	-1
AK09-129C	8940388	5	-0.1	-0.1	-1	0.3	-1	15	0.8	-0.05	0.12	18	-0.1	-0.05	-0.05	1
AR96-01-19.5m	8940389	25	-0.1	21.8	-1	4.8	1	293	1.5	0.58	1.78	5221	-0.1	0.15	0.41	176
AR96-01-65m	8940391	88	-0.1	4.3	-1	34.4	1	3822	0.7	1.62	8.64	2966	-0.1	0.18	1.03	38
AR96-04-19.2	8940392	3	-0.1	28	-1	3.5	1	267	1	0.4	0.67	3208	-0.1	0.11	0.18	219
AR96-04-25.3m	8940393	18	-0.1	37.7	-1	7	2	414	3.4	0.83	1.81	41824	-0.1	0.22	0.43	645
AR96-04-25.8m	8940394	20	-0.1	38.6	-1	7.3	2	409	2.8	0.82	1.95	38432	-0.1	0.23	0.46	599
HS10-173	8940432	110	-0.1	7.4	-1	51	2	3172	2.2	2.81	15.1	5008	-0.1	0.36	2.08	53
HS10-175A	8940433	1	-0.1	-0.1	-1	0.2	-1	11	1.1	-0.05	0.21	24	-0.1	-0.05	0.06	-1
HS10-176A	8940434	38	-0.1	14.3	-1	3.4	1	631	0.7	0.36	0.96	2315	-0.1	0.1	0.3	164
HS10-176C	8940435	53	0.2	31.6	-1	11	2	1028	2.1	1.12	2.36	8100	-0.1	0.29	0.47	429
HS10-176D	8940436	40	0.1	35.8	-1	4.8	1	795	0.6	0.78	1.48	5853	-0.1	0.36	0.45	321
HS10-176E	8940437	121	-0.1	7.2	-1	42.2	2	2675	1.1	2.18	18	5698	-0.1	0.29	1.98	64
HS10-177C	8940438	52	-0.1	3.7	-1	13.9	1	67	-0.5	0.79	6.79	1372	-0.1	0.12	0.36	74
HS10-177A	8940439	8	-0.1	1	-1	0.4	1	21	-0.5	-0.05	0.08	269	-0.1	-0.05	-0.05	9
HS10-177B	8940441	78	-0.1	4.6	-1	41.6	4	424	1.3	1.98	13.47	2033	-0.1	0.32	1.38	78
HS10-178A	8940442	6	-0.1	0.9	-1	0.4	-1	41	-0.5	-0.05	0.16	126	-0.1	-0.05	0.06	10
HS10-179C	8940443	2	-0.1	0.1	-1	-0.1	-1	26	-0.5	-0.05	-0.05	29	-0.1	-0.05	-0.05	2
HS10-179D	8940444	64	-0.1	15.2	-1	81.7	1	1579	0.7	4.28	32.33	1545	-0.1	0.55	2.61	64
HS10-179E	8940445	63	-0.1	5.8	-1	37.4	2	1777	0.8	2.27	14.03	1214	-0.1	0.46	1.12	53
HS10-180A	8940446	113	-0.1	8.9	-1	53	2	3881	-0.5	3.01	3.24	5277	-0.1	0.51	0.49	77
HS10-180B	8940447	12	-0.1	21.2	-1	5.3	2	420	0.8	0.89	0.8	11154	-0.1	0.34	0.26	164
HS10-180C	8940448	64	-0.1	38.8	-1	5.8	2	737	0.8	0.88	2.42	11712	0.3	0.47	0.59	372
HS10-181	8940449	149	-0.1	9.8	-1	55.3	2	4001	0.5	3.33	9.75	4438	-0.1	0.47	0.76	86
HS10-185	8940451	26	-0.1	46.7	-1	2.4	1	464	0.6	0.59	0.29	5980	-0.1	0.45	0.12	266
HS10-188A	8940452	3	-0.1	0.3	-1	0.2	1	27	-0.5	-0.05	0.05	56	-0.1	-0.05	-0.05	2
HS10-188B	8940453	39	0.2	33.1	-1	10.6	3	1048	3.4	1.01	2.34	7560	-0.1	0.32	0.63	443
HS10-191	8940454	50	0.3	32.7	-1	11.8	3	1205	4.2	1.15	2.65	12022	-0.1	0.36	0.72	419
HS10-175B	8940478	68	0.2	20.1	-1	43.8	2	820	-0.5	2.39	19.05	1466	0.1	0.31	1.96	125

SampleNum	LabNum	W_ppm	Y_ppm	Yb_ppm	Zn_ppm
Detection Limit		1	1	0.05	1
Analysis Method		ICP-MS	ICP-MS	ICP-MS	ICP-OES
AK09-121A	8940378	5	1	-0.05	6
AK09-122B	8940379	22	31	2.21	116
AK09-123	8940381	2	26	3.68	137
AK09-124	8940382	2	39	4.08	136
AK09-125A	8940383	2	42	3.16	54
AK09-125B	8940384	1	40	6.62	134
AK09-127A	8940385	16	39	2.9	77
AK09-127B	8940386	3	3	0.18	6
AK09-129B	8940387	1	-1	-0.05	-1
AK09-129C	8940388	2	-1	-0.05	1
AR96-01-19.5m	8940389	-1	11	0.86	115
AR96-01-65m	8940391	-1	22	1.23	82
AR96-04-19.2	8940392	-1	9	0.67	112
AR96-04-25.3m	8940393	-1	17	1.39	148
AR96-04-25.8m	8940394	-1	17	1.47	141
HS10-173	8940432	3	41	2.14	81
HS10-175A	8940433	4	1	0.11	2
HS10-176A	8940434	26	8	0.7	66
HS10-176C	8940435	8	24	1.7	146
HS10-176D	8940436	13	24	2.47	99
HS10-176E	8940437	-1	33	1.99	86
HS10-177C	8940438	3	13	0.66	54
HS10-177A	8940439	1	2	0.15	16
HS10-177B	8940441	9	32	1.64	69
HS10-178A	8940442	3	1	0.07	22
HS10-179C	8940443	2	-1	-0.05	2
HS10-179D	8940444	6	57	2.72	105
HS10-179E	8940445	4	33	2.05	35
HS10-180A	8940446	-1	40	2.05	89
HS10-180B	8940447	-1	22	1.75	144
HS10-180C	8940448	-1	31	3.19	122
HS10-181	8940449	-1	45	2.17	118
HS10-185	8940451	4	21	2.39	103
HS10-188A	8940452	4	-1	-0.05	2
HS10-188B	8940453	7	27	1.93	126
HS10-191	8940454	43	28	2.05	126
HS10-175B	8940478	5	37	1.79	111

SampleNum	LabNum	Geofile	Geologist	Description	Rock_Type
Detection Limit					
Analysis Method					
AK09-127B	8940386	13N/06/0143	A. Kerr	Cornerstone map says this quartz vein gave values of 1.8g/t Au with Py+Cpy in selvages and wall rock	Quartz Vein
AK09-127B dup	8940390	13N/06/0143	A. Kerr	Cornerstone map says this quartz vein gave values of 1.8g/t Au with Py+Cpy in selvages and wall rock	Quartz Vein
percent difference					
HS10-180A	8940446	13N/06/0143	H. Sandeman	Clinopyroxene+hornblende+magnetite-ilmenite syenite	Syenite
HS10-180A dup	8940450	13N/06/0143	H. Sandeman	Clinopyroxene+hornblende+magnetite-ilmenite syenite	Syenite
percent difference					

*BD = Below Detection
LOD = Limit of Detection

SampleNum	LabNum	Lab_Method	UTMEast	UTMNorth	UTMZone	Datum	SiO2_pct
Detection Limit							0.01
Analysis Method							ICP-OES
AK09-127B	8940386	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602636	6135667	20	NAD27	95.34
AK09-127B dup	8940390	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602636	6135667	20	NAD27	94.99
percent difference							0.38%
HS10-180A	8940446	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602650	6135349	20	NAD27	57.48
HS10-180A dup	8940450	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories	602650	6135349	20	NAD27	57.49
percent difference							0.02%

*BD = Below Detection
LOD = Limit of Detection

SampleNum	LabNum	TiO2_pct	Al2O3_pct	Fe2O3T_pct	Fe2O3_pct	FeO_pct	MnO_pct	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	Ba_ppm	Zr_ppm
Detection Limit		0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1
Analysis Method		ICP-OES	ICP-OES	ICP-OES	Difference	Titration	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	Grav	ICP-OES	ICP-OES
AK09-127B	8940386	0.081	1.3	0.45	0.1	0.32	0.001	0.04	0.06	-0.01	0.33	0.074	0.5	504	69
AK09-127B dup	8940390	0.08	1.29	0.44	0.06	0.35	0.001	0.05	0.06	-0.01	0.34	0.073	0.55	496	52
percent difference		1.72%	0.66%	2.02%	41.08%	8.60%	1.60%	18.56%	3.82%	*BD	1.60%	1.67%	9.55%	1.60%	24.70%
HS10-180A	8940446	0.983	14.63	6.26	3.21	2.74	0.095	2.29	5.76	3.33	7	1.099	0.28	5168	1080
HS10-180A dup	8940450	0.901	14.76	6	2.97	2.73	0.097	2.38	5.93	3.32	7.08	1.097	0.27	5207	663
percent difference		8.29%	0.84%	4.16%	7.53%	0.61%	2.13%	4.15%	2.79%	0.56%	1.06%	0.19%	3.70%	0.80%	38.60%

*BD = Below Detection
LOD = Limit of Detection

SampleNum	LabNum	Ag_ppm	As_ppm	Au_ppb	Be_ppm	Bi_ppm	Br_ppm	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm
Detection Limit		0.05	0.5	1	0.1	0.1, 0.4	1	0.1	0.5	1	1	0.1, 0.5	1	0.1	0.05	0.05
Analysis Method		ICP-OES	INAA	INAA	ICP-OES	ICP-MS	INAA	ICP-OES	ICP-MS	ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-MS	ICP-MS	ICP-MS
AK09-127B	8940386	7.71	-0.5	4020	0.3	-0.4	-1	-0.1	50.1	-1	3	-0.5	6	0.9	0.26	0.94
AK09-127B dup	8940390	7.12	-0.5	4290	0.3	-0.1	-1	-0.1	55.8	-1	4	0.2	6	0.8	0.28	1.2
percent difference		7.60%	BD	6.72%	1.87%	BD	BD	BD	11.38%	BD	17.30%	*LOD	5.95%	6.87%	7.60%	27.49%
HS10-180A	8940446	-0.05	-0.5	-1	1.7	-0.4	-1	-0.1	543.4	19	24	-0.5	3	9.6	3.09	9.86
HS10-180A dup	8940450	-0.05	-0.5	-1	1.8	0.5	-1	-0.1	650.3	19	25	0.1	4	10.7	3.39	11.14
percent difference		BD	BD	BD	4.55%	216.50%	BD	BD	19.67%	0.69%	2.01%	LOD	54.76%	11.63%	9.58%	13.04%

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LOD = Limit of Detection

SampleNum	LabNum	Fe_pct	Ga_ppm	Gd_ppm	Ge_ppm	Hf_ppm	Ho_ppm	In_ppm	La_ppm	Li_ppm	Lu_ppm	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Nd_ppm
Detection Limit		0.01	1	0.1	0.5	0.1	0.05	0.1, 0.2	0.5	0.1	0.05	1	1	0.05	0.5	0.1
Analysis Method		ICP-OES	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-OES	ICP-MS	ICP-OES	ICP-OES	INAA	ICP-MS	ICP-MS
AK09-127B	8940386	0.34	3	2.04	1.9	1.4	0.11	-0.2	20.9	0.7	-0.05	17	2	-0.05	1.1	26.66
AK09-127B dup	8940390	0.36	5	2.5	1.8	1.3	0.13	-0.1	23.7	0.7	-0.05	19	2	-0.05	3.3	28
percent difference		5.49%	76.72%	21.35%	2.40%	8.09%	19.63%	BD	13.81%	13.02%	BD	13.53%	2.35%	BD	201.39%	4.99%
HS10-180A	8940446	4.77	24	25.23	11.1	16.6	1.27	-0.2	203.4	11.9	0.26	756	-1	2.4	7	308.5
HS10-180A dup	8940450	5.01	48	31.4	18.7	14	1.58	-0.1	240.9	12.7	0.5	783	-1	2.3	10.6	363.9
percent difference		5.00%	95.41%	24.53%	68.96%	15.64%	24.57%	BD	18.44%	7.11%	93.75%	3.57%	BD	4.17%	51.55%	17.96%

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LOD = Limit of Detection

SampleNum	LabNum	Ni_ppm	P_ppm	Pb_ppm	Pr_ppm	Rb_ppm	Sb_ppm	Sc_ppm	Se_ppm	Sm_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Tb_ppm	Th_ppm	Ti_ppm
Detection Limit		1	1	1	0.05	1	0.1	0.1	1	0.1	1	1	0.5	0.05	0.05	1
Analysis Method		ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-MS	INAA	ICP-OES	INAA	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-OES
AK09-127B	8940386	-1	349	64	6.56	7	-0.1	0.5	-1	3.83	0.7	26	-0.5	0.24	1.88	150
AK09-127B dup	8940390	-1	353	26	7.55	6	-0.1	0.6	-1	4.4	1	30	-0.5	0.22	1.98	150
percent difference		BD	1.35%	59.80%	15.12%	18.68%	BD	4.29%	BD	14.54%	47.26%	16.02%	BD	8.79%	4.88%	0.23%
HS10-180A	8940446	29	4873	27	82.43	113	-0.1	8.9	-1	46.46	1.9	3317	-0.5	2.67	2.74	5277
HS10-180A dup	8940450	30	4937	29	87.74	117	-0.1	9.3	-1	55.1	2	3977	0.8	2.91	3.25	5140
percent difference		2.77%	1.31%	7.93%	6.44%	3.64%	BD	3.80%	BD	18.64%	18.83%	19.90%	LOD	9.03%	18.34%	2.60%

*BD = Below Detection
LOD = Limit of Detection

SampleNum	LabNum	Tl_ppm	Tm_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm
Detection Limit		0.1	0.05	0.05	1	1	1	0.05	1
Analysis Method		ICP-MS	ICP-MS	ICP-MS	ICP-OES	ICP-MS	ICP-MS	ICP-MS	ICP-OES
AK09-127B	8940386	-0.1	-0.05	0.21	8	-1	2.8	0.18	6
AK09-127B dup	8940390	-0.1	-0.05	-0.05	9	2	3	0.15	6
percent difference		BD	BD	123.58%	5.42%	LOD	18.78%	14.44%	0.76%
HS10-180A	8940446	-0.1	0.31	0.42	77	1.5	33.7	1.87	89
HS10-180A dup	8940450	0.1	0.54	0.59	77	6	42	2.17	92
percent difference		LOD	74.68%	41.53%	0.66%	317.49%	23.55%	15.59%	3.98%

*BD = Below Detection
LOD = Limit of Detection

SampleNum Detection Limit Analysis Method	LabNum	Geofile	Geologist	Description	Rock_Type
BS-1	8940380	13N/06/0143		Standard International Reference Material	
SY-4	8940380	13N/06/0143		Standard International Reference Material	
CH-2	8940380	13N/06/0143		Standard International Reference Material	
QLO-1	8940380	13N/06/0143		Standard International Reference Material	
WGB-1	8940380	13N/06/0143		Standard International Reference Material	
G-2	8940400	13N/06/0143		Standard International Reference Material	
WGB-1	8940400	13N/06/0143		Standard International Reference Material	
AND-1	8940420	13N/06/0143		Standard International Reference Material	
SY-4	8940420	13N/06/0143		Standard International Reference Material	
AGV-1	8940440	13N/06/0143		Standard International Reference Material	
WGB-1	8940440	13N/06/0143		Standard International Reference Material	
SDC-1	8940440	13N/06/0143		Standard International Reference Material	
SU-1A	8940440	13N/06/0143		Standard International Reference Material	
SY-4	8940440	13N/06/0143		Standard International Reference Material	
GD-1	8940460	13N/06/0143		Standard International Reference Material	
SY-4	8940460	13N/06/0143		Standard International Reference Material	

SampleNum Detection Limit Analysis Method	LabNum	Lab_Method	UTMEast	UTMNorth	UTMZone	Datum	Hole_ID
BS-1	8940380	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
SY-4	8940380	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
CH-2	8940380	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
QLO-1	8940380	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
WGB-1	8940380	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
G-2	8940400	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
WGB-1	8940400	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
AND-1	8940420	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
SY-4	8940420	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
AGV-1	8940440	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
WGB-1	8940440	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
SDC-1	8940440	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
SU-1A	8940440	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
SY-4	8940440	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
GD-1	8940460	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					
SY-4	8940460	Majors and traces (ICP-OES, ICP-MS, titration, grav.) GSNL; Traces (INAA) Becquerel Laboratories					

SampleNum	LabNum	From_m	To_m	Elev_m	Azimuth	Dip	TotDepth_m	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	Fe2O3_pct	FeO_pct	MnO_pct	MgO_pct
Detection Limit								0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01
Analysis Method								ICP-OES	ICP-OES	ICP-OES	ICP-OES	Difference	Titration	ICP-OES	ICP-OES
BS-1	8940380							55.41	1.166	15.06	7.81			0.097	5.98
SY-4	8940380														
CH-2	8940380														
QLO-1	8940380														
WGB-1	8940380														
G-2	8940400							68.3	0.494	15.09	2.66			0.032	0.71
WGB-1	8940400														
AND-1	8940420							49.59	0.917	15.37	6.83			0.112	6.08
SY-4	8940420														
AGV-1	8940440							58.56	1.026	16.62	6.65			0.097	1.45
WGB-1	8940440														
SDC-1	8940440														
SU-1A	8940440														
SY-4	8940440														
GD-1	8940460							71.89	0.239	14.38	2.3			0.087	0.59
SY-4	8940460														

SampleNum	LabNum	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	Ba_ppm	Zr_ppm	Ag_ppm	As_ppm	Au_ppb	Be_ppm	Bi_ppm	Br_ppm	Cd_ppm	Ce_ppm
Detection Limit		0.01	0.01	0.01	0.001	0.01	1	1	0.05	0.5	1	0.1	0.1, 0.4	1	0.1	0.5
Analysis Method		ICP-OES	ICP-OES	ICP-OES	ICP-OES	Grav	ICP-OES	ICP-OES	ICP-OES	INAA	INAA	ICP-OES	ICP-MS	INAA	ICP-OES	ICP-MS
BS-1	8940380	4.66	6.21	0.03	0.253		145	110								
SY-4	8940380											2.6			-0.1	
CH-2	8940380								12.22							
QLO-1	8940380												-0.1			48.6
WGB-1	8940380									1.8	2			-1		
G-2	8940400	1.91	4.04	4.34	0.128		1899	310								
WGB-1	8940400						765					0.3			0.1	
AND-1	8940420	6.46	2.67	2.05	0.186		312	134								
SY-4	8940420						361					2.7			-0.1	
AGV-1	8940440	4.83	4.23	2.81	0.489		1228	213								
WGB-1	8940440											0.4			0.1	
SDC-1	8940440												-0.1			97.7
SU-1A	8940440								2.25							
SY-4	8940440									-0.5	-1			216		
GD-1	8940460	1.51	4.31	3.33	0.074		1034	140								
SY-4	8940460						386					2.9			-0.1	

SampleNum	LabNum	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe_pct	Ga_ppm	Gd_ppm	Ge_ppm	Hf_ppm	Ho_ppm	In_ppm	La_ppm
Detection Limit		1	1	0.1, 0.5	1	0.1	0.05	0.05	0.01	1	0.1	0.5	0.1	0.05	0.1, 0.2	0.5
Analysis Method		ICP-OES	ICP-OES	ICP-MS	ICP-OES	ICP-MS	ICP-MS	ICP-MS	ICP-OES	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS
BS-1	8940380															
SY-4	8940380	2	8		4				4.33							
CH-2	8940380															
QLO-1	8940380			1.5		4	2.38	1.3		18	4.2	2.9	4.7	0.77		26.3
WGB-1	8940380															
G-2	8940400															
WGB-1	8940400	26	258		91				4.28							
AND-1	8940420															
SY-4	8940420	2	9		5				4.52							
AGV-1	8940440															
WGB-1	8940440	28	272		99				4.74							
SDC-1	8940440			3.7		7.4	4.63	1.76		27	8	4.9	8.4	1.59		46.2
SU-1A	8940440															
SY-4	8940440															
GD-1	8940460															
SY-4	8940460	2	9		6				4.97							

SampleNum	LabNum	Li_ppm	Lu_ppm	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Nd_ppm	Ni_ppm	P_ppm	Pb_ppm	Pr_ppm	Rb_ppm	Sb_ppm	Sc_ppm	Se_ppm
Detection Limit		0.1	0.05	1	1	0.05	0.5	0.1	1	1	1	0.05	1	0.1	0.1	1
Analysis Method		ICP-OES	ICP-MS	ICP-OES	ICP-OES	INAA	ICP-MS	ICP-MS	ICP-OES	ICP-OES	ICP-OES	ICP-MS	ICP-MS	INAA	ICP-OES	INAA
BS-1	8940380															
SY-4	8940380	36.5		770	-1				9	496	4			13	1	
CH-2	8940380															
QLO-1	8940380		0.35				10.1	22.7				5.59	65			
WGB-1	8940380					1.5										-1
G-2	8940400															
WGB-1	8940400	42.9		951	-1				61	322	2				43.4	
AND-1	8940420															
SY-4	8940420	39.2		792	-1				9	512	4				1	
AGV-1	8940440															
WGB-1	8940440	48.2		984	-1				64	335	2			5	45.6	
SDC-1	8940440		0.63				22.8	45.6				11.46	125			
SU-1A	8940440															
SY-4	8940440					4.9										-1
GD-1	8940460															
SY-4	8940460	43.8		789	-1				9	539	4				1.1	

SampleNum	LabNum	Sm_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Tb_ppm	Th_ppm	Ti_ppm	Tl_ppm	Tm_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm
Detection Limit		0.1	1	1	0.5	0.05	0.05	1	0.1	0.05	0.05	1	1	1	0.05	1
Analysis Method		ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-MS	ICP-OES	ICP-MS	ICP-MS	ICP-MS	ICP-OES	ICP-MS	ICP-MS	ICP-MS	ICP-OES
BS-1	8940380															
SY-4	8940380							1624				5				88
CH-2	8940380															
QLO-1	8940380	4.4	8	334	0.9	0.63	4.48		-0.1	0.36	1.81		2	21	2.39	
WGB-1	8940380															
G-2	8940400															
WGB-1	8940400							4796				213				34
AND-1	8940420															
SY-4	8940420							1655				6				87
AGV-1	8940440															
WGB-1	8940440							5349				231				37
SDC-1	8940440	9.3	4	200	2	1.08	11.98		0.1	0.78	3.25		8	41	4.62	
SU-1A	8940440															
SY-4	8940440															
GD-1	8940460															
SY-4	8940460							1847				6				101

SampleNum	Comment	Geofile	Rock_Type	Description
316851		013N/06/0079	Garnet amphibolite gneiss	Minor rusty shear zone in garnet gneiss. Foliation in gneiss approximately 020 degrees. Intermittent quartz vein up to 15cm (trace pyrite).
316852		013N/06/0079	Quartz vein	1.5x1.5x1.5m float with minor rusty weathering. Inclusions of chlortite talc schist. (Second float block 4m to north, see 316853)
316853		013N/06/0079	Quartz vein	2.0x1.5x1.5 quartz float with chlorite-talc-schist inclusions. Trace pyrite near inclusions, quartz mostly barren.
316854		013N/06/0079	Gabbro	Background check of gabbro pyrite disseminated throughout.
316855		013N/06/0079	Quartz vein	Located 125m at 190 degrees from 316852+3, similar to 852+3. Schist inclusions in quartz vein CSSC (1996) talc schist.
316856		013N/06/0079	Garnet amphibolite gneiss	Minor rusty zone in gneiss. Check background of gneiss in pyritized zone. Strongly foliated gneiss @ 214/88
316857		013N/06/0079	Granite gneiss (Kspar-rich)	Sheared granites (weakly mylonitic) to schistose. Dominately chlorite schist with carbonate (ankerite-calcite) and grey quartz. Minor pyrite, sphalerite and hematite.
316858		013N/06/0079	Granite gneiss	Slicks- 086/40(T/P) minor quartz veins hosted along fault planes (up to 10 cm). Pyrite in wall rock only.
316859		013N/06/0079	Granite gneiss	Flat lying white quartz vein with no sulphides in vein. Wall rock with 3% pyrite, sericite alteration. Sample taken over 10cm footwall, 20cm quartz vein with 10cm hanging wall.
316860		013N/06/0079	Granite gneiss/diorite	Gradational contact or resorbed granite zone with high potassium feldspar, low quartz. Poorly defined transition.
316861		013N/06/0079	Syenite	Large granite to syenite blocks. Some 80% potassium feldspar 20% quartz.Coarse crystalline pyrite variable throughout.
316862		013N/06/0079	Diorite	Large float block from cliffs above. Minor quartz, Fe-carbonate. Vein totals 2 cm in width. Alteration zone 10 cms in both walls, total 20cm
316863		013N/06/0079	CSSC-Chlorite Sericite Schist	Comments: 1x1x1m stringers, block of dark rusty brown, throughout, ""schistosity"" irregular weathering CSSC. not apparent. Located in large block talus slope. Crosscut by irregular quartz stringers"
316864		013N/06/0079	Syenite	Minor pyrite zone paralleling fault at edge of outcrop. Slicks and epidote along fractures.
316865		013N/06/0079	Quartz vein	Barren white quartz vein (metamophosed?) in coarse-grained pink granite
316866		013N/06/0079	Granite Gneiss	26 m wide zone of intensly schistose granite with numerous quartz veins subparallel. Schist is muscovite - quartz. *(152/56, 123/55, 150/70, 146/60).
316867		013N/06/0079	Diorite-syenite	Contact between diorite and granite gneiss. Gabbro-diorite phase at contact. Sample taken over 8m of strike length. Coarse-grained pyroxenes, minor potassium-feldspar. Minor plagioclase
316868		013N/06/0079	Diorite-syenite	Faulted granite gneiss and diorite weak alteration throughout. South side of Catapult Creek (part of major lineament?).
316869		013N/06/0079	Granite gneiss	1.8m white quartz vein. No sulphides. Minor iron stain. Only 15cm of east side sampled. Vein in high relief, no wall rocks visible. Northwest side under
316870		013N/06/0079	Gabbro/diorite	Diorite intrusive near fault in creek. Coarse-grained phase. Pyrite trace-1 ▒/0 disseminated.
316871		013N/06/0079	Granite gneiss	Weak fault zone in south wall of creek gully.
316872		013N/06/0079	Chlorite Illite schist	Float located near granite/diorite contact. Block with calcite and schist 10m upstream from large fault.
316873		013N/06/0079	Granite gneiss	Sample appears to be in place (popped out of hillside). Located below falls on north side creek 7m from creek. This location creek
316874		013N/06/0079	Quartz vein	Quartz float in creek above silt sample #452907. Numerous blocks up to 0.25*0.10 m. Potassium feldspar granite inclusions
316875		013N/06/0079	Granite amphibolite gneiss	Minor 1.5cm band of pyritic amphibolite. Band follows gneissic foliation.

SampleNum	Comment	Geofile	Rock_Type	Description
316876		013N/06/0079	Qtz vein & alt'd inclusion/HW	Quartz vein, attempt to trench vein at sample location 316869. No luck finding dimensions.
316877		013N/06/0079	Granite gneiss	Quartz vein, small exposure trenched at foot of steep slope 5m west of NB7 60m.
316878		013N/06/0079	Granite Gneiss (la)	Minor quartz vein at foot of steep slope at NB7 60m. Thin, erratic veining.
2	L. Hillier	013N/06/0121	grab	No sample description
3	L. Hillier	013N/06/0121	grab	No sample description
4	L. Hillier	013N/06/0121	grab	No sample description
5	L. Hillier	013N/06/0121	grab	No sample description
6	L. Hillier	013N/06/0121	grab	No sample description
7	L. Hillier	013N/06/0121	grab	No sample description
8	L. Hillier	013N/06/0121	grab	No sample description
9	L. Hillier	013N/06/0121	grab	No sample description
10	L. Hillier	013N/06/0121	grab	No sample description
11	L. Hillier	013N/06/0121	grab	No sample description
12	L. Hillier	013N/06/0121	grab	No sample description
I	AR96-07_??	013N/06/0121	rock, core	AR-96-07 Box # 8 / No sample description
II	AR96-08_48.5	013N/06/0121	rock, core	AR-96-08 Box # 11 (48.5m) / No sample description
III	AR96-??_27.4	013N/06/0121	rock, core	AR-96-?? Box # 5 (27.4m) / No sample description
IV	AR96-07_0-	013N/06/0121	rock, core	AR-96-07 Box # 1,2,3 & 4 / No sample description
V	AR96-06_39.6	013N/06/0121	rock, core	AR-96-06 Box # 9 (39.6m) / No sample description
VI	AR96-??_??	013N/06/0121	rock, core	AR-96-?? Box # 12,13 & 14 Whole core / No sample description
VII	AR96-03_	013N/06/0121	rock, core	AR-96-03 Box # 2,3 & 5 / No sample description
VIII	AR96-06_??	013N/06/0121	rock, core	AR-96-06 Box # 2,3,4,5,6,7 & 8 (33.5m) / No sample description
IX	AR96-05_	013N/06/0121	rock, core	AR-96-05 Box # 2 / No sample description
X	AR96-05_	013N/06/0121	rock, core	AR-96-05 Box # 3,6 & 4 / No core sample description
XI		013N/06/0121	rock, o/c-flt?	Showing by drill site. No sample description
XII		013N/06/0121	rock, o/c-flt?	No sample description
XIII		013N/06/0121	rock, o/c-flt?	Quartz by drill collar. No sample description
AR96-04-32m		013N/06/0113	Altered diorite	diorite and gabbroic zones in AR96-04
AR96-01-6.5m		013N/06/0113	Altered diorite	Foliated fault zone rock from drill hole AR96-01
AR96-05-26.7m		013N/06/0113	Fresh monzonite-monzogranite	coarse grained monzonite from hole AR96-05
108655		013N/06/0113	Altered diorite	Sample taken across shear zone with quartz-ankerite veins (<15cm) sub-parallel to faulting. Euhedral pyrite mainly in wall rock. Wall rock is intensely chlorite-carbonate altered.
108651		013N/06/0113	Chloritized diorite	Sample taken in suspected footwall of quartz veining. Numerous quartz rubble in gullly parallel to sample. Chlorite carbonate alteration in footwall.
108654		013N/06/0113	Chloritized diorite	Euhedral pyrite in wall rock, parallel to <1cm quartz stringers occupying faulting.
108603		013N/06/0113	Diorite	Diorite dyke for geochemistry
108604		013N/06/0113	Diorite-gabbro	Gabbro? Or diorite dyke for geochemistry
108617		013N/06/0113	muscovite schist float	Large float boulder on strike with Aucoin fault, to the south of Aucoin ca. 2km

SampleNum	Comment	Geofile	Rock_Type	Description
108601		013N/06/0113	Quartz veined diorite	near contact with monzonite, small quartz veins (1-2 cm wide) spaced 2-5 cm apart
108602		013N/06/0113	Quartz veined diorite	quartz veins with chlorite alteration of wall rock, near contact with monzonite
108653		013N/06/0113	Quartz veined diorite	Quartz-ankerite shear zone - lots of chlorite alteration of diorite host and xenoliths of diorite in veins. Numerous cross-cutting veins suggest sinistral, NW side down shearing
108605		013N/06/0113	Quartz veined monzonite	Quartz vein in monzonite ca. 2 m from monzonite-diorite contact
108606		013N/06/0113	Quartz veined monzonite	Quartz veins in a sericite-chlorite schist near monzonite-diorite contact
108607		013N/06/0113	Quartz veined monzonite	Vein ca. 40 cm wide, approximate strike, subcrop 1m away is monzonite. Unable to determine dip.
108608		013N/06/0113	Quartz veined monzonite	Vein sporadically O/C over 15m (> 70cm wide). Smaller veins 5m due north
108609		013N/06/0113	Quartz veined monzonite	Quartz veins in broken outcrop, less alteration than in previous samples
108610		013N/06/0113	Quartz veined monzonite	Quartz monzonite or monzonite with irregular/discontinuous quartz veins. Fracturing oriented the same as veining.
108611		013N/06/0113	Quartz veined monzonite	4m east from sample 108610
108612		013N/06/0113	Quartz veined monzonite	Quartz vein ca. 4cm wide with quartz-sericite-chlorite schist surrounding the vein. Trace galena
108613		013N/06/0113	Quartz veined monzonite	Large veins 20-30cm thick with 1-4cm offshoots at 305/60
108614		013N/06/0113	Quartz veined monzonite	Quartz veins under an overhang. 20-40cm thick quartz vein with quartz-sericite schist wall rocks
108615		013N/06/0113	Quartz veined monzonite	Quartz veins with altered wall rock, trace galena, 1m east of 108614
108616		013N/06/0113	Quartz veined monzonite	4-6 cm bull quartz vein with muscovite books filling vugs. Strong muscovite alteration in wall rock
108618		013N/06/0113	Quartz veined monzonite	Does not appear to be continuous for more than ca. 25m Surrounded by monzonite. Diabase dykes in area. Several parallel veins in area. Diabase dykes trend 185
108656		013N/06/0113	Quartz veined monzonite	Quartz vein in cliff. Variably mineralized wall rock with 5% pyrite in strong sericite-chlorite alteration. Vein appears to narrow upslope.
108657		013N/06/0113	Quartz veined monzonite	Vein appears to run up the hill trending 210. Very difficult to distinguish wall rock from inclusions and discrete vein walls. Pyrite in wall rock.
108658		013N/06/0113	Quartz veined monzonite	Wallrock sample to vein in 108657
108652		013N/06/0113	Quartz-ankerite veined diorite	Vein in secondary fracture orientation. Chlorite as inclusions and wall rock alteration.
AU-01		013N/06/0123	rock, o/c	fine-grained, dark grey rusty sil felsic? w/ 5% diss coarse-grained py & 3-12mm qtz patches
AU-02		013N/06/0123	rock, o/c	fine-grained, grey siliceous granodiorite w/ medium-grained qtz and k-feldspar crystals. 3% diss fine-grained, tarnished py.
AU-03		013N/06/0123	rock, o/c	medium-grained granodiorite w/ 2-3% diss fine-grained py and cpy
AU-04		013N/06/0123	rock, o/c	pinkish to white qtz w/ 3% patchy fine- to medium-grained py.
AU-05		013N/06/0123	rock, o/c	medium-grained pinkish green qtz rich felsic intrusive w/ 4% diss medium-grained py
AU-06		013N/06/0123	rock, o/c	medium-grained pinkish green siliceous felsic intrusive w/ 1-2% tr medium-grained py and tr cpy

SampleNum	Comment	Geofile	Rock_Type	Description
AU-07		013N/06/0123	rock, o/c	medium-grained deep pink to light grey medium-grained felsic intrusive w/ 1% tr medium-grained py
AU-08		013N/06/0123	rock, o/c	white to shinny light green qtz w/ muscovite & 2% tr coarse-grained py & tarnished py.
AU-09		013N/06/0123	rock, o/c	rusty qtz w/ 4-5% medium-grained to fine-grained, patchy py & tarnished py
AU-10		013N/06/0123	rock, o/c	medium-grained pinkish to green qtz rich felsic intrusive w/ 4% diss medium-grained to coarse-grained py
AU-11		013N/06/0123	rock, o/c	brownish white qtz w/ 4% patchy medium-grained galena
AU-12		013N/06/0123	rock, o/c	fine-grained dark green str chl mafic?? w/ pinkish white qtz and 1% diss fine-grained py assoc with the qtz.
AU-13		013N/06/0123	rock, o/c	medium-grained pinkish to rusty white qtz rich felsic intrusive w/ fe carb & 4-5% diss fine-grained py/patchy coarse-grained py
AU-14		013N/06/0123	rock, o/c	rusty qtz w/ 2% tr coarse-grained py & tr fine-grained cpy
AU-15		013N/06/0123	rock, o/c	medium-grained pinkish white qtz rich granite w/ fe carb & ,1% fine-grained tr py
AU-16		013N/06/0123	rock, o/c	medium-grained grey pink felsic w/ muscovite, fe carb & 1% tr medium-grained py
AU-17		013N/06/0123	rock, o/c	medium-grained pinkish white qtz rich granite w/ fe carb & 2% patchy fine-grained py
AU-18		013N/06/0123	rock, o/c	medium-grained pinkish white rusty qtz rich granite w/ fe carb & 1-2% tr fine-grained to medium-grained py.
AU-19		013N/06/0123	rock, o/c	coarse-grained pinkish white qtz rich granite w/ fe carbonate & 1% fine-grained tr py
AU-20		013N/06/0123	rock, o/c	white qtz in a fine-grained green host w/ 4% diss medium-grained to coarse-grained py
AU-21		013N/06/0123	rock, o/c	white to greenish qtz w/ <1% minor fine-grained tr py
AU-22		013N/06/0123	rock, o/c	fine-grained green grey weakly fol mafic (?) w/ 1-2% tr fine-grained py and minor cpy
AU-23		013N/06/0123	rock, o/c	bull white qtz in a fine-grained green v soft host w/ 2% diss medium-grained py
AU-24		013N/06/0123	rock, o/c	medium-grained pinkish white qtz in a fine-grained black matrix (felsic) w/ <1% tr magnetite?
AU-25		013N/06/0123	rock, o/c	medium-grained green pink granite w/ fe carb & qtz veining. 1% tr fine-grained py with minor cpy
AU-26		013N/06/0123	rock, o/c	medium-grained pinkish grey granite w/ fe carb & 1% tr fine-grained py/cpy
AU-27		013N/06/0123	rock, o/c	medium-grained pink-white felsic intrusive w/ muscovite & fe carb. <1% tr fine-grained to medium-grained py
AU-28		013N/06/0123	rock, o/c	white-rusty qtz w/ <1% tr fine-grained gl & py
AU-29		013N/06/0123	rock, o/c	medium-grained pink-grey granite w/ muscovite, fe carb and a 1cm qtz vein. 3-4% diss fine-grained py and cpy.
AU-30		013N/06/0123	rock, o/c	medium-grained grey-pink granite w/ muscovite & minor fe carb. <1% tr fine-grained py
AU-31		013N/06/0123	rock, o/c	medium-grained deep pink-dark grey granite w/ fe carb
AU-32		013N/06/0123	rock, o/c	white-rusty qtz w/ fe carb & 1% patchy fine-grained to medium-grained py

SampleNum	Comment	Geofile	Rock_Type	Description
AU-33		013N/06/0123	rock, o/c	medium-grained grey-pink granite w/ muscovite & fe carb. 3% diss fine-grained to medium-grained py
AU-34		013N/06/0123	rock, o/c	fine-grained grey-green-pink mod fol chl felsic intrusive w/ 4% diss fine-grained to medium-grained py
AU-35		013N/06/0123	rock, float	rusty red-white qtz w/ 1-2% patchy medium-grained gl and tr medium-grained py
AU-36		013N/06/0123	rock, float	rusty red-white qtz in a fine-grained dark grey shinny muscovite rich host w/ <1% tr coarse-grained py.
At-01		013N/06/0123	rock, o/c	fine-grained-medium-grained grey-white granite w/ minor sericite and vuggy quartz veins; 1% diss fine-grained-medium-grained subhedral py.
At-02		013N/06/0123	rock, o/c	fine-grained-medium-grained gy-light pink granite in contact w/ mafic dyke; granite contains < 1% tr medium-grained subhedral py
At-03		013N/06/0123	rock, o/c	medium-grained pink-white granite w/ minor Fe carb and 0.5-1 cm wide layered quartz veinlets; <1% tr vfine-grained py
At-04		013N/06/0123	rock, o/c	Quartz vein w/ Fe carbonate and <1% tr vfine-grained py
At-05		013N/06/0123	rock, flt	Ang rubble; fine-grained-medium-grained gy-pink granite w/ ~ 40% qtz veining & minor muscovite; 1% medium-grained subhedral py & tr gl
At-06		013N/06/0123	rock, flt	fine-grained-medium-grained rusty brown-white K-feldspar rich granite w/ Fe carb; <1% tr fine-grained py & oxidized py
At-07		013N/06/0123	rock, flt	same as At-06
At-08		013N/06/0123	rock, o/c	medium-grained pink-white K-feldspar rich granite w/ Fe carb; <1% fine-grained patchy py
At-09		013N/06/0123	rock, flt	Ang float 50cmx50cm; rusty brown-light pink K-feldspar rich granite; <1% tr fine-grained py & oxidized py.
At-10		013N/06/0123	rock, flt	qtz float 20cmx15cmx6-8cm w/ Fe carb & minor muscovite; <1% fine-grained-medium-grained anhedral-subhedral py
27301		013N/06/0123	rock, o/c	Medium to coarse grained greyish intrusive (monzonite?) with weak Fe carbonate alteration as well as sericite. Weakly foliated and contains 0.5% to 1% disseminated pyrite.
27302		013N/06/0123	rock, o/c	A 3.0 meter wide zone of quartz/Fe carbonate/sulphide developed within Medium to coarse grained greyish to pink intrusive (monzonite?). 1% pyrite in intrusive matrix; minor pyrite in 3-5 cm wide qtz veins.
27303		013N/06/0123	rock, o/c	Pinkish medium grained intrusive (monzonite?) with 1-2% pyrite in matrix. Weak to moderate Fe carb +/- sericite alteration throughout. Cut by irregular qtz/carb veins +/- pyrite. Near sample Au-33.
27304		013N/06/0123	rock, flt	Fine grained pinkish intrusive cut by pyrite (1%) bearing quartz veins. Weak to moderate Fe carb +/- sericite alteration throughout. 1-2% pyrite disseminated in matrix.
27305		013N/06/0123	rock, o/c	Moderate to strongly Fe carb altered diorite cut by sheeted en echelon quartz veins up to 20 cms thick, with trace to locally 5% disseminated py, mainly along vein or inclusion margins. Vein orientations 020/50 W. Host coarse grained pink intrusive contains 0.5% to 1% pyrite.
27306		013N/06/0123	rock, o/c	Diorite (fe carb altered) with 3-5% disseminated pyrite in matrix as well as in Fe carb veining. Some bull quartz vein also contain trace to 1% py. 15-20 meters NE of Ascot sample 108652.
27307		013N/06/0123	rock, o/c	Diorite, knotty weathering locally strongly chloritized +/- Fe carb altered with up to 5% disseminated pyrite. Cut by numerous qtz/Fe carb veins up to 20 cm wide locally with 1% disseminated pyrite. Pyrite increases to 5% near vein margins. Vein orientations 010/80W.

SampleNum	Comment	Geofile	Rock_Type	Description
27308		013N/06/0123	rock, o/c	Altered monzonite/granite cut by irregular quartz veins randomly distributed and carrying trace to 1% pyrite. Intrusive is weakly Fe carb and sericte altered. Pyrite up to 2% disseminated in matrix.
27309		013N/06/0123	rock, o/c	Pink to greenish grey intrusive coarse grained and K-spar rich (monzonite) locally sericitic and Fe carb altered. Cut by irregular qtz/carb/py stringers up to a few cm's wide. Pyrite to 3%, mainly in matrix of intrusive.
27310		013N/06/0123	rock, o/c	Pink coarse grained granite. A 1 meter wide zone of disseminated pyrite mineralization (0.5%) treending 065 degrees but no obvious structure.
27311		013N/06/0123	rock, o/c	Rusty mafic zone 0.5 to 1.0 meter wide within gneissic rocks. Zone locally contains pods of silica or boudined quartz up to 0.2 by 1.0 meters in length. Zone exposed for 10 meters and treends 065/V and contains 10-15% pyrite and possibly 0.5% chalcopyrite.
27312		013N/06/0123	rock, o/c	Flat lying quartz veinlets (2-3 mm) in coarse grained pink monzonite. Weakly Fe carbonatized along vein margins. Up to 1% pyrite in veins and in host rock near vein margins.
27313		013N/06/0123	rock, flt	A 3mX2mX>2m subangular float. Largely white massive quartz within and or hosting large inclusions of Fe carb rich schist, possibly intrusive. Veins up to 1 meter wide and contain trace to 1% disseminated pyrite, mainly associated with wall rock inclusions or vein margins(?).
27314		013N/06/0123	rock, flt	Same float as 27314, except sample consists of margin material or inclusion. Buff to grrenish grey, weakly foliated monzonite. Moderately Fe carbonatized and sericitic. Up to 2% pyrite, fine grained, disseminated in matrix.
27315		013N/06/0123	rock, flt	A 2mX2mX>1m float sample located adjacent to 27314. Mainly white, massive quartz containing moderately to strongly sericitic and Fe carb altered inclusions of quartz bearing intrusive (granodiorite?). Sample is of 1% pyrite bearing intrusive inclusion.
27316		013N/06/0123	rock, flt	Same float as 27315. Sample consists of white quartz carrying 1% pyrite mainly along inclusion margins.
27317		013N/06/0123	rock, o/c	A 10-15 cm wide rusty quartz vein hosted by weakly foliated gneiss. Vein exposed for 15 meters and contains 2-3% patchy chalcopyrite. 030/V
27318		013N/06/0123	rock, o/c	Coarse grained pink monzonite carrying 0.5% disseminated pyrite as blebs commonly associated with hornblende. No obvious alteration, possibly very local mineralization.
27319		013N/06/0123	rock, o/c	Very fine grained and siliceous pink rock, possibly quartz porphyritic. Vague discontinuous banding defined by alternating quartz rich and subordinate chlorite(?) bands. Cut by hairline epidote stringers. No visible sulphide but weakly rusty locally.
28060		013N/06/0123	rock, o/c	o/c 50cmx40cm; medium-grained dark gy-pink-light green granite w/ muscovite & minor epidote; 2% diss fine-grained-medium-grained sub-euh py
28061		013N/06/0123	rock, o/c	o/c 200cmx50cm; medium-grained pink-white feldspar rich granite w/ <1% tr fine-grained anhedral galena.
28062		013N/06/0123	rock, flt	sub-ang float 40cmx20cmx15cm; medium-grained dk gy-white diorite w/ 5mm-7mm wide qtz veinlets; 2% diss medium-grained subhedral py
28063		013N/06/0123	rock, o/c	o/c 100mx200m on hilltop; medium-grained black-pinkish white pyx rich gneiss w/ 2cm wide qtz / k-feldspar rich patches & minor epidote; 1% patchy fine-grained anhedral py
28064		013N/06/0123	rock, o/c	o/c 20mx30m; medium-grained dark gy-pink granite w/ minor bt & epidote; <1% fine-grained diss subhedral py
28065		013N/06/0123	rock, s/c	s/c 50cmx100cmx30cm; medium-grained whitish pink granite w/ minor epidote & <1% tr fine-grained subhedral py
28066		013N/06/0123	rock, flt	ang float 50cmx30cmx20cm; medium-grained dk gy-black pyx rich ultramafic w/ minor epidote & chl; 0.5% cpy, tr mal & minor po.
28067		013N/06/0123	rock, flt	ang float 20cmx15cmx5cm; fine-grained dk gy moderately magnetic mafic w/ epidote & patches of qtz; <1% tr cpy, galena (associated with qtz) & minor py
28068		013N/06/0123	rock, o/c	O/C 100cmx100cm; o/c adjacent to sample 28066 & 28067; u/m dyke see sample description for 28066; note: orientation and width of dyke uncertain

SampleNum	Comment	Geofile	Rock_Type	Description
28069		013N/06/0123	rock, o/c	O/C 200mx300m on hilltop; medium-grained-coarse-grained pinkish white hornblende granite w/ 1% tr fine-grained subhedral py typically associated with hornblende
28070		013N/06/0123	rock, flt	ang float 70cmx50cmxunknown; medium-grained dk gy-white mafic gneiss w/ 1% diss fine-grained anhedral py & tr po/cpy
R19601	PJM-04-211	013N/06/0129	outcrop	coarse to medium grained, magnetic, amphibolitized mafic gneiss/meta gabbro, weak-pervasive Fe-carbonate + quartz alteration, trace chalcopyrite, wall rock to R19829 (PJM-04-211)
R19604	PJM-04-227B	013N/06/0129	outcrop	quartz-sericite-carbonate altered granitic gneiss, strong Fe-carbonate alteration with sericite development, 1-3% pyrite, possible trace chalcopyrite (PJM-04-227)
R19827	PJM-04-208	013N/06/0129	outcrop	pink and white quartz-granite pegmatite, unit is mostly quartz + k-feldspar +/-plagioclase(?), no alteration except green mineral altered to chlorite + magnetite +/- pyrite (PJM-04-208)
R11087	A. Turpin	013N/06/0129	outcrop	mafic dyke to monzonite (?), quartz vein, hairline to 16 cm, epidote, bearing malachite, pyrite (A. Turpin)
R19801	PJM-04-001	013N/06/0129	outcrop	quartz vein in pristine quartz monzonite, vein is glassy to white with trace pyrite + local clots of galena/sphalerite(?) + chalcopyrite, total sulphides ~1%, vein is 20 cm wide and parallels a 20 cm wide shear/foliation zone, weak to moderate sericite alteration developed in sheared/foliated rock on north side of vein, vein orientation 235/75 NW (PJM-04-001)
R19605	PJM-04-233A	013N/06/0129	outcrop	white milky quartz vein with rare xenoliths of sericitized wall rocks with trace pyrite (PJM-04-233)
R19802	PJM-04-002	013N/06/0129	outcrop	quartz vein, white with very fine grained grey to blue sulphides, trace pyrite, local clots of visible gold on fractures and in sulphide clots, veins are up to 20 cm wide over 1.5 m zone and make up 10% of zone, vein orientation 085/62 S (PJM-04-002)
R11088	A. Turpin	013N/06/0129	outcrop	mafic dyke to monzonite (?), quartz vein, hairline to 16 cm, epidote, bearing malachite, pyrite (A. Turpin)
R19602	PJM-04-217	013N/06/0129	outcrop	massive undeformed amphibole bearing meta-gabbro with 50% plagioclase, 20% black clinopyroxene/amphibole, 20% green fine grained interstitial clinopyroxene-amphibole + chlorite, 5% magnetite, trace pyrite (+/-chalcopyrite) (PJM-04-217)
R19603	PJM-04-227A	013N/06/0129	outcrop	quartz vein, minor carbonate, trace pyrite (PJM-04-227)
R19606	PJM-04-233B	013N/06/0129	outcrop	quartz vein, trace pyrite (PJM-04-233)
R19828	PJM-04-210	013N/06/0129	outcrop	massive grey-white, barren quartz vein (PJM-04-210)
R19829	PJM-04-211	013N/06/0129	outcrop	quartz vein in mafic gneiss, alteration is quartz + Fe-carbonate (PJM-04-211)
R19753		013N/06/0130	rock	gneiss wall rock to quartz vein, gneiss is foliated, quartz-bearing, dark green, mod-chloritized and/or sericitized and contains 3% diss pyrite
R19754		013N/06/0130	rock	quartz vein, barren, trace kspar on fractures
R19755		013N/06/0130	rock	resample of R19605, but with 3% pyrite stringers (<1 mm) as well as poss trace chalcopyrite & galena
R19756		013N/06/0130	rock	barren white quartz vein
R19757		013N/06/0130	rock	barren white quartz vein

SampleNum	Comment	Geofile	Rock_Type	Description
R19758		013N/06/0130	rock	quartz vein with trace patches of galena & chalcopyrite (trace malachite on fractures)
R19759		013N/06/0130	rock	block of wall rock gneiss (<1 m) rock is strongly carbonatized and sericitized with 5% diss py (<2 mm) throughout
R19760		013N/06/0130	rock	quartz vein with 3-5% galena & chalcopyrite (equal proportions), spectacular sample
R19761		013N/06/0130	rock	barren white quartz vein
R12808		013N/06/0131	outcrop	quartz vein w/ ~15% sericitic gneiss wall rock, trace py cubes up to 0.5 cm
R12809		013N/06/0131	outcrop	~50% each of quartz vein and sericitic/chloritic wall rock, both with trace disseminated py
R12810		013N/06/0131	outcrop	quartz vein w/ ~20% sericitic/chloritic gneiss wall rock, trace disseminated py in both
R12811		013N/06/0131	outcrop	quartz vein w/ <5% sericitic/chloritic gneiss wall rock, trace py
103101		LAB/1147	chip	Medium to coarse grained, dark green, moderately magnetic massive homblendite with minor Kspar, cut by 2-3 cm wide silicified ridges oriented approximately 100-120/85 S. 0.5-1.0% disseminated pyrite and pyrrhotite.
103102		LAB/1147	chip	As above, but fine grained, massive, 1% very fine grained dis. pyrite. Milky, slightly fractured quartz veins onented 084/90 at start and end of interval. First vein 8-10 cm thick, second 2-3 cm, but pinches cut downward. Trace pyrite as selvages.
103103		LAB/1147	chip	Dark green, fine grained, massive hornblendite with local patchy Kspar/epidote alteration and 0.5% very fine grained pyrite.
103104		LAB/1147	chip	Dark green, fine grained, massive hornblendite with 1% dis. pyrite, cut by branching quartz vein. 3 cm x 4 cm pod of blebby pyrite just above split of south branch of vein contains 3% galena and coarse wire gold.
103105		LAB/1147	chip	Dark green, fine: grained, massive, somewhat chlontic hornblendite, with 0.5% dis. pyrite associated with micro quartz veinlets.
103106		LAB/1147	chip	Heavily chloritized, foliated (C-S fabric indicates W side down) hornblendite, cut by 1-2 mm wide quartz veinlets. 1-2% dis. pyrite and 2-3 mm wide pyrite haloes along quartz veins. Sheared contacts @ 145/70 W.
103107		LAB/1147	chip	Heavily silicified version of previous - up to 75% quartz, some ankerite. Pyrite is concentrated in wall rock remnants near contacts with quartz. Average 2% coarse dis. to blebby pyrite, with locally up to 5%, and rare 1-2 cm pods of massive pyrite.
103108		LAB/1147	chip	Mottled, intensely silicified rock comprising 75% quartz, mix of chlorite, sencite, Kspar and ankerite. 2-3% coarse dis. pyrite and rusted-out vugs that may have been pyrite or ankeritc.
103109		LAB/1147	chip	Probably a heavily silicified monzonitc - Kspar is visible locally, but texture is destroyed. Trace disseminated pyrite.
103110		LAB/1147	chip	Same as previous, but less silicified. Contains pale chlorite or dark green sencite. Grades into pink Kspar monzonite towards end.
103111		LAB/1147	chip	Dark green, fine-medium grained hornblendite with 3-4 mm thick rind of cnkcritic rust. Cut by hairline to 2 mm quartz/ankerite veirilets. 0.5% dis. pyrite, increasing to 1% towards end, coincident with increasing silicification and ankeritization.
103112		LAB/1147	chip	Heavily cbloritizcd and ankeritized, with patchy silicification. Relict Kspar indicates it may be monzonite, rather than homblenditc. Moderately magnetic, 1% disseminated pyrite

SampleNum	Comment	Geofile	Rock_Type	Description
103113		LAB/1147	chip	Massive, milky white bull quartz vein, oriented 066/60NW. Small fractures and slips along contacts contain thin coatings of pyrite. 5 cm wide ankerite/pyrite halo extends into next sample.
103114		LAB/1147	chip	Medium grained, strongly magnetic, hornblende/plagioclase rock (gabbroic?) with 0.5% dis. pyrite. Heavily chloritized, cut by minor quartz-ankerite veins. Weak ankeritization and 1% cubic dis. pyrite as 2-3 cm wide haloes along veins.
103115		LAB/1147	chip	Small slip 100/90 at oriented 100/90 at contact. Same rock as previous, more heavily ankeritized, and contains 0.5.1.0% cubic dis. pyrite. Numerous 2-10 mm ankerite-quartz veins throughout. Fracture 100/90 at contact.
103116		LAB/1147	chip	Dark green, fine grained, chloritized, weakly magnetic rock grading to coarse grained, heavily chlorite-epidote altered homblende-Kspar. From 6.1-6.6 m, sheeted quartz veins 230 mm wide at 110/50 N. Wall rock between veins contains 0.5% dis. pyrite.
103117		LAB/1147	chip	Dark green, fine grained hornblendite with 3% dis. pyrite. Branching milky quartz veins up to 30 cm wide at 076/55N. 8-10% pyrite within vein haloes. Veins are barren except for one pod of semi-massive pyrite with trace galena at vein split.
103118		LAB/1147	chip	5 mm wide flat lying quartz veins branch off footwall into massive, medium-coarse grained strongly epidotized, strongly magnetic hornblendite with 1-2% disseminated pyrite.
103119		LAB/1147	chip	Fine grained, massive, ankeritized? hornblendite cut by 2-3 mm wide quartz veins and network of ankerite veinlets @ 090/75N. 5% dis. pyrite, up to 10% as haloes along quartz and ankerite veins. Rare blebs of pyrite within veins.
103120		LAB/1147	chip	Medium grained, chloritized hornblendite with 2-3% fine grained dis. pyrite.
103121		LAB/1147	chip	Massive milky white quartz vein @ 090/90. Widens upward from 3 cm to 30 cm over 1.0 m distance as quartz and ankerite splays join from both sides. 5% medium grained to blebby pyrite as haloes.
103122		LAB/1147	chip	Medium grained, moderately chloritizcd hornblendite. Pyrite decreases away from vein.
103123		LAB/1147	chip	Fractured er silicified rusty squartz with coarse blebby pyrite, and one 5x10 cm pod of massive pyrite. Irregular silicified pod in footwall of main vein?
103124		LAB/1147	chip	Chloritized hornblendite with 1-2% disseminated pyrite and veinlets of quartz and pinkish carbonate.
103125		LAB/1147	chip	Same as 103124. Pinkish carbonate veinlets arc oriented 035/50NW.
103126		LAB/1147	chip	Rusty fractured quartz vein with chlorite ribbons and 10% coarse poddy pyrite (also one grain of pinkish metallic mineral-native copper?). Quartz vein is oriented same as carbonate veins in previous sample-seem to be splays from main vein.
103127		LAB/1147	chip	Massive medium grained hornblendite, weakly chloritized, strongly magnetic. FW of offsetting fault.
103128		LAB/1147	chip	Heavily fractured quartz vein, oriented 116/90, with patches and irregular ribbons of chlorite and 10% coarse pyrite.
RE-103101		LAB/1147	chip	Medium to coarse grained, dark green, moderately magnetic massive hornblendite with minor Kspar, cut by 2-3 cm wide silicified ridges oriented approximately 100-120/85 S. 0.5-1.0% disseminated pyrite and pyrrhotite.
RRE-103101		LAB/1147	chip	Medium to coarse grained, dark green, moderately magnetic massive hornblendite with minor Kspar, cut by 2-3 cm wide silicified ridges oriented approximately 100-120/85 S. 0.5-1.0% disseminated pyrite and pyrrhotite.
TG-AOT2-007		LAB/1147	float	Rusty anorthosite float.
TG-AOT2-008		LAB/1147	float	sulphide bearing basalt.

SampleNum	Comment	Geofile	Rock_Type	Description
TS-AOT2-023		LAB/1147	float	Angular boulder of fine grained amphibolite with 2% po, trace cpy, strongly magnetic.
DC-AOT2-011		LAB/1147	grab	Metallic blue weathered anorthosite with minor sulphide.
DC-AOT2-013		LAB/1147	grab	3m x 4m wide rusty zone in gneiss. Some quartz veins and cpy and py.
HW-AOT2-009		LAB/1147	grab	Amphibolite with trace sulphide.
RE-TS-AOT2-038		LAB/1147	grab	Quartz vein, 086/70N. Mass of stringers in footwall coalesces into 1.5 m thick vein with rusty vugs of weathered sulphide. Local 1% dis. py.
RRE-TS-AOT2-038		LAB/1147	grab	Quartz vein, 086/70N. Mass of stringers in footwall coalesces into 1.5 m thick vein with rusty vugs of weathered sulphide. Local 1% dis. py.
TS-A0T2-026		LAB/1147	grab	20-30 cm wide quartz vein, 010/80E, pinches out within 7-8 m strike length. In gneiss, associated with amphibolite lenses. 5-10% py, trace molebdenite
TS-A0T2-037		LAB/1147	grab	Ankeritized monzonite with 0.5% dis. py. Wall rock to subcropping slightly rusty bull quartz vein trending approx 064/steep N.
TS-AOT2-024		LAB/1147	grab	40 cm wide by 8m long band of very siliceous amphibolite with 1-2% dis py, weakly magnetic
TS-AOT2-025		LAB/1147	grab	Medium grained gabbro, very magnetic, trace sulphide, including cpy. Dyke is SW striking, 20-25m thick, good chill margins against gneiss. Sporadic O/C over 400 m strike length."
TS-AOT2-034		LAB/1147	grab	Intermediate intrusive rock with 1-2% coarse grained to blebby pyrite associated with irregular bull quartz veins.
TS-AOT2-035		LAB/1147	grab	Quartz with patchy sericite. Sericite contains 1- 2% blebby to dis. py. Small grains of galena are associated with fractures along the quartz/sericite contacts.
TS-AOT2-036		LAB/1147	grab	Heavily sericitized, quartz flooded monzonite with 1-2% coarse blebby Py.
TS-AOT2-038		LAB/1147	grab	Quartz vein, 086/70N. Mass of stringers in footwall coalesces into 1.5 m thick vein with rusty vugs of weathered sulphide. Local 1% dis. py.
TS-AOT2-039		LAB/1147	grab	Silicified monzonite with EW trending quartz stringers. Up to 20% py.
TS-AOT2-040		LAB/1147	grab	Massive pyrite in quartz. Grab sample from south end of Trench 5.
103129		LAB/1147	na	Dark green, heavily chloritized hornblendite cut by quartz stringers and stockwork. 10% pyrite, occurs as fine dis. py throughout host and coarse blebs along stringer contacts. Quartz veins are barren except for minor blebs of pyrite and chlorite.

SampleNum	Lab_Method	UTMEast	UTMNorth	UTMzone	Datum	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	FeOT_pct	MnO_pct
316851	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	601220	6133710	20	NAD27	-99	-99	-99	-99	-99	-99
316852	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	603370	6134950	20	NAD27	-99	-99	-99	-99	-99	-99
316853	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	603360	6134960	20	NAD27	-99	-99	-99	-99	-99	-99
316854	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	603020	6135500	20	NAD27	-99	-99	-99	-99	-99	-99
316855	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	603340	6134800	20	NAD27	-99	-99	-99	-99	-99	-99
316856	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	601100	6134390	20	NAD27	-99	-99	-99	-99	-99	-99
316857	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602667	6135370	20	NAD27	-99	-99	-99	-99	-99	-99
316858	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602663	6135560	20	NAD27	-99	-99	-99	-99	-99	-99
316859	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602655	6135550	20	NAD27	-99	-99	-99	-99	-99	-99
316860	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602455	6136077	20	NAD27	-99	-99	-99	-99	-99	-99
316861	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602487	6136060	20	NAD27	-99	-99	-99	-99	-99	-99
316862	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602483	6136042	20	NAD27	-99	-99	-99	-99	-99	-99
316863	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602505	6136035	20	NAD27	-99	-99	-99	-99	-99	-99
316864	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602155	6137212	20	NAD27	-99	-99	-99	-99	-99	-99
316865	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602825	6137325	20	NAD27	-99	-99	-99	-99	-99	-99
316866	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602660	6135700	20	NAD27	-99	-99	-99	-99	-99	-99
316867	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	603335	6135315	20	NAD27	-99	-99	-99	-99	-99	-99
316868	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	603150	6135475	20	NAD27	-99	-99	-99	-99	-99	-99
316869	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	605460	6132605	20	NAD27	-99	-99	-99	-99	-99	-99
316870	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	606795	6132260	20	NAD27	-99	-99	-99	-99	-99	-99
316871	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	606805	6132375	20	NAD27	-99	-99	-99	-99	-99	-99
316872	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602512	6136832	20	NAD27	-99	-99	-99	-99	-99	-99
316873	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602665	6136800	20	NAD27	-99	-99	-99	-99	-99	-99
316874	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602850	6136715	20	NAD27	-99	-99	-99	-99	-99	-99
316875	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	601715	6136950	20	NAD27	-99	-99	-99	-99	-99	-99

SampleNum	Lab_Method	UTMEast	UTMNorth	UTMzone	Datum	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	FeOT_pct	MnO_pct
316876	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602605	6135460	20	NAD27	-99	-99	-99	-99	-99	-99
316877	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602610	6135543	20	NAD27	-99	-99	-99	-99	-99	-99
316878	Aqua regia-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. Chemex Labs Ltd.	602615	6135545	20	NAD27	-99	-99	-99	-99	-99	-99
2	Au by fire assay at Eastern Analytical Limited	605016	6137365	20	NAD27	-99	-99	-99	-99	-99	-99
3	Au by fire assay at Eastern Analytical Limited	605019	6137360	20	NAD27	-99	-99	-99	-99	-99	-99
4	Au by fire assay at Eastern Analytical Limited	605020	6137360	20	NAD27	-99	-99	-99	-99	-99	-99
5	Au by fire assay at Eastern Analytical Limited	604997	6137390	20	NAD27	-99	-99	-99	-99	-99	-99
6	Au by fire assay at Eastern Analytical Limited	604720	6137887	20	NAD27	-99	-99	-99	-99	-99	-99
7	Au by fire assay at Eastern Analytical Limited	604630	6137819	20	NAD27	-99	-99	-99	-99	-99	-99
8	Au by fire assay at Eastern Analytical Limited	604599	6137839	20	NAD27	-99	-99	-99	-99	-99	-99
9	Au by fire assay at Eastern Analytical Limited	604714	6137865	20	NAD27	-99	-99	-99	-99	-99	-99
10	Au by fire assay at Eastern Analytical Limited	605111	6137515	20	NAD27	-99	-99	-99	-99	-99	-99
11	Au by fire assay at Eastern Analytical Limited	605142	6137477	20	NAD27	-99	-99	-99	-99	-99	-99
12	Au by fire assay at Eastern Analytical Limited	604887	6136561	20	NAD27	-99	-99	-99	-99	-99	-99
I	Au by fire assay at Eastern Analytical Limited	602420	6136045	20	NAD27	-99	-99	-99	-99	-99	-99
II	Au by fire assay at Eastern Analytical Limited	602364	6136094	20	NAD27	-99	-99	-99	-99	-99	-99
III	Au by fire assay at Eastern Analytical Limited	NA	NA	20	NAD27	-99	-99	-99	-99	-99	-99
IV	Au by fire assay at Eastern Analytical Limited	602420	6136045	20	NAD27	-99	-99	-99	-99	-99	-99
V	Au by fire assay at Eastern Analytical Limited	602420	6136045	20	NAD27	-99	-99	-99	-99	-99	-99
VI	Au by fire assay at Eastern Analytical Limited	NA	NA	20	NAD27	-99	-99	-99	-99	-99	-99
VII	Au by fire assay at Eastern Analytical Limited	602423	6136069	20	NAD27	-99	-99	-99	-99	-99	-99
VIII	Au by fire assay at Eastern Analytical Limited	602420	6136045	20	NAD27	-99	-99	-99	-99	-99	-99
IX	Au by fire assay at Eastern Analytical Limited	602423	6136069	20	NAD27	-99	-99	-99	-99	-99	-99
X	Au by fire assay at Eastern Analytical Limited	NA	NA	20	NAD27	-99	-99	-99	-99	-99	-99
XI	Au by fire assay at Eastern Analytical Limited	602425	6136066	20	NAD27	-99	-99	-99	-99	-99	-99
XII	Au by fire assay at Eastern Analytical Limited	602427	6136053	20	NAD27	-99	-99	-99	-99	-99	-99
XIII	Au by fire assay at Eastern Analytical Limited	602425	6136063	20	NAD27	-99	-99	-99	-99	-99	-99
AR96-04-32m	Majors and Ba, Rb, Sr, Y, Nb and Zr by X-ray fluorescence analysis, REE by ICP-MS and Th by INAA. Chemex Labs Ltd.	602423	6136069	20	NAD27	43.52	5.59	9.92	18.43	16.58	0.19
AR96-01-6.5m	Majors and Ba, Rb, Sr, Y, Nb and Zr by X-ray fluorescence analysis, REE by ICP-MS and Th by INAA. Chemex Labs Ltd.	602403	6136105	20	NAD27	45.22	1.38	3.0	16.55	14.89	0.19
AR96-05-26.7m	Majors and Ba, Rb, Sr, Y, Nb and Zr by X-ray fluorescence analysis, REE by ICP-MS and Th by INAA. Chemex Labs Ltd.	602423	6136069	20	NAD27	69.85	0.21	13.25	3.3	2.97	0.04
108655	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602435	6136003	20	NAD27	-99	-99	-99	-99	-99	-99
108651	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602421	6136117	20	NAD27	-99	-99	-99	-99	-99	-99
108654	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602430	6136006	20	NAD27	-99	-99	-99	-99	-99	-99
108603	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602380	6136100	20	NAD27	-99	-99	-99	-99	-99	-99
108604	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602410	6136100	20	NAD27	-99	-99	-99	-99	-99	-99
108617	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602300	6134600	20	NAD27	-99	-99	-99	-99	-99	-99

SampleNum	Lab_Method	UTMEast	UTMNorth	UTMzone	Datum	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	FeOT_pct	MnO_pct
108601	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602367	6136100	20	NAD27	-99	-99	-99	-99	-99	-99
108602	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602375	6136103	20	NAD27	-99	-99	-99	-99	-99	-99
108653	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602426	6136112	20	NAD27	-99	-99	-99	-99	-99	-99
108605	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602443	6136031	20	NAD27	-99	-99	-99	-99	-99	-99
108606	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602602	6135860	20	NAD27	-99	-99	-99	-99	-99	-99
108607	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602595	6135821	20	NAD27	-99	-99	-99	-99	-99	-99
108608	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602650	6135750	20	NAD27	-99	-99	-99	-99	-99	-99
108609	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602555	6135645	20	NAD27	-99	-99	-99	-99	-99	-99
108610	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602625	6135615	20	NAD27	-99	-99	-99	-99	-99	-99
108611	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602630	6135645	20	NAD27	-99	-99	-99	-99	-99	-99
108612	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602630	6135645	20	NAD27	-99	-99	-99	-99	-99	-99
108613	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602625	6135990	20	NAD27	-99	-99	-99	-99	-99	-99
108614	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602570	6135645	20	NAD27	-99	-99	-99	-99	-99	-99
108615	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602570	6135645	20	NAD27	-99	-99	-99	-99	-99	-99
108616	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602553	6135803	20	NAD27	-99	-99	-99	-99	-99	-99
108618	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	601630	6135750	20	NAD27	-99	-99	-99	-99	-99	-99
108656	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602530	6135938	20	NAD27	-99	-99	-99	-99	-99	-99
108657	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602563	6136000	20	NAD27	-99	-99	-99	-99	-99	-99
108658	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602563	6136000	20	NAD27	-99	-99	-99	-99	-99	-99
108652	Trace elements by ICP-OES following nitric-aqua regia digestion. Au by fire assay. Chemex Labs Ltd.	602425	6136113	20	NAD27	-99	-99	-99	-99	-99	-99
AU-01	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602604	6135807	20	NAD27	-99	-99	-99	-99	-99	-99
AU-02	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602604	6135807	20	NAD27	-99	-99	-99	-99	-99	-99
AU-03	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602604	6135807	20	NAD27	-99	-99	-99	-99	-99	-99
AU-04	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602642	6135714	20	NAD27	-99	-99	-99	-99	-99	-99
AU-05	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602642	6135714	20	NAD27	-99	-99	-99	-99	-99	-99
AU-06	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602642	6135714	20	NAD27	-99	-99	-99	-99	-99	-99

SampleNum	Lab_Method	UTMEast	UTMNorth	UTMzone	Datum	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	FeOT_pct	MnO_pct
AU-07	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602633	6135672	20	NAD27	-99	-99	-99	-99	-99	-99
AU-08	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602633	6135672	20	NAD27	-99	-99	-99	-99	-99	-99
AU-09	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602633	6135672	20	NAD27	-99	-99	-99	-99	-99	-99
AU-10	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602633	6135672	20	NAD27	-99	-99	-99	-99	-99	-99
AU-11	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602633	6135672	20	NAD27	-99	-99	-99	-99	-99	-99
AU-12	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602502	6135928	20	NAD27	-99	-99	-99	-99	-99	-99
AU-13	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602487	6135928	20	NAD27	-99	-99	-99	-99	-99	-99
AU-14	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602470	6135919	20	NAD27	-99	-99	-99	-99	-99	-99
AU-15	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602614	6135493	20	NAD27	-99	-99	-99	-99	-99	-99
AU-16	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602647	6135619	20	NAD27	-99	-99	-99	-99	-99	-99
AU-17	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602640	6135627	20	NAD27	-99	-99	-99	-99	-99	-99
AU-18	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602637	6135614	20	NAD27	-99	-99	-99	-99	-99	-99
AU-19	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602635	6135598	20	NAD27	-99	-99	-99	-99	-99	-99
AU-20	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602598	6135624	20	NAD27	-99	-99	-99	-99	-99	-99
AU-21	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602598	6135624	20	NAD27	-99	-99	-99	-99	-99	-99
AU-22	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602598	6135624	20	NAD27	-99	-99	-99	-99	-99	-99
AU-23	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602603	6135624	20	NAD27	-99	-99	-99	-99	-99	-99
AU-24	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602631	6135578	20	NAD27	-99	-99	-99	-99	-99	-99
AU-25	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602631	6135578	20	NAD27	-99	-99	-99	-99	-99	-99
AU-26	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602631	6135578	20	NAD27	-99	-99	-99	-99	-99	-99
AU-27	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602631	6135578	20	NAD27	-99	-99	-99	-99	-99	-99
AU-28	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602614	6135493	20	NAD27	-99	-99	-99	-99	-99	-99
AU-29	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602610	6135496	20	NAD27	-99	-99	-99	-99	-99	-99
AU-30	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602605	6135501	20	NAD27	-99	-99	-99	-99	-99	-99
AU-31	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602545	6135435	20	NAD27	-99	-99	-99	-99	-99	-99
AU-32	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602551	6135430	20	NAD27	-99	-99	-99	-99	-99	-99

SampleNum	Lab_Method	UTMEast	UTMNorth	UTMzone	Datum	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	FeOT_pct	MnO_pct
AU-33	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602586	6135493	20	NAD27	-99	-99	-99	-99	-99	-99
AU-34	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602571	6135405	20	NAD27	-99	-99	-99	-99	-99	-99
AU-35	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	603397	6135045	20	NAD27	-99	-99	-99	-99	-99	-99
AU-36	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	603397	6135045	20	NAD27	-99	-99	-99	-99	-99	-99
At-01	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602498	6135956	20	NAD27	-99	-99	-99	-99	-99	-99
At-02	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602553	6135784	20	NAD27	-99	-99	-99	-99	-99	-99
At-03	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602823	6136755	20	NAD27	-99	-99	-99	-99	-99	-99
At-04	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602820	6136745	20	NAD27	-99	-99	-99	-99	-99	-99
At-05	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602815	6136720	20	NAD27	-99	-99	-99	-99	-99	-99
At-06	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602699	6136725	20	NAD27	-99	-99	-99	-99	-99	-99
At-07	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602699	6136725	20	NAD27	-99	-99	-99	-99	-99	-99
At-08	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602400	6136700	20	NAD27	-99	-99	-99	-99	-99	-99
At-09	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602004	6133379	20	NAD27	-99	-99	-99	-99	-99	-99
At-10	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602068	6133801	20	NAD27	-99	-99	-99	-99	-99	-99
27301	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602630	6135690	20	NAD27	-99	-99	-99	-99	-99	-99
27302	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602620	6135685	20	NAD27	-99	-99	-99	-99	-99	-99
27303	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602590	6135400	20	NAD27	-99	-99	-99	-99	-99	-99
27304	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602475	6135545	20	NAD27	-99	-99	-99	-99	-99	-99
27305	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602400	6136110	20	NAD27	-99	-99	-99	-99	-99	-99
27306	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602410	6136115	20	NAD27	-99	-99	-99	-99	-99	-99
27307	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602425	6136075	20	NAD27	-99	-99	-99	-99	-99	-99

SampleNum	Lab_Method	UTMEast	UTMNorth	UTMzone	Datum	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	FeOT_pct	MnO_pct
27308	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602553	6135935	20	NAD27	-99	-99	-99	-99	-99	-99
27309	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602560	6135915	20	NAD27	-99	-99	-99	-99	-99	-99
27310	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602325	6135945	20	NAD27	-99	-99	-99	-99	-99	-99
27311	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	601250	6133500	20	NAD27	-99	-99	-99	-99	-99	-99
27312	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	601640	6135635	20	NAD27	-99	-99	-99	-99	-99	-99
27313	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602335	6134738	20	NAD27	-99	-99	-99	-99	-99	-99
27314	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602335	6134738	20	NAD27	-99	-99	-99	-99	-99	-99
27315	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602323	6134725	20	NAD27	-99	-99	-99	-99	-99	-99
27316	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602323	6134725	20	NAD27	-99	-99	-99	-99	-99	-99
27317	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	598650	6138965	20	NAD27	-99	-99	-99	-99	-99	-99
27318	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602740	6136770	20	NAD27	-99	-99	-99	-99	-99	-99
27319	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	604450	6133565	20	NAD27	-99	-99	-99	-99	-99	-99
28060	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602553	6135584	20	NAD27	-99	-99	-99	-99	-99	-99
28061	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602365	6135623	20	NAD27	-99	-99	-99	-99	-99	-99
28062	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	603128	6136600	20	NAD27	-99	-99	-99	-99	-99	-99
28063	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	599097	6137271	20	NAD27	-99	-99	-99	-99	-99	-99
28064	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	601611	6135586	20	NAD27	-99	-99	-99	-99	-99	-99
28065	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602776	6136761	20	NAD27	-99	-99	-99	-99	-99	-99
28066	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602513	6136827	20	NAD27	-99	-99	-99	-99	-99	-99
28067	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602513	6136827	20	NAD27	-99	-99	-99	-99	-99	-99
28068	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602523	6136823	20	NAD27	-99	-99	-99	-99	-99	-99

SampleNum	Lab_Method	UTMEast	UTMNorth	UTMzone	Datum	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	FeOT_pct	MnO_pct
28069	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	604453	6133298	20	NAD27	-99	-99	-99	-99	-99	-99
28070	Aqua regia digestion followed by 30 element ICP-OES. Au by fire assay. Eastern Analytical Limited	602527	6135172	20	NAD27	-99	-99	-99	-99	-99	-99
R19601	Majors and traces $LiBO_2$ fusion (ICP-OES, ICP-MS, grav.) Au by fire assay. ACME Analytical Laboratories Ltd.	602427	6136060	20	NAD27	39.91	2.62	10.25	15.21	-99	0.16
R19604	Majors and traces $LiBO_2$ fusion (ICP-OES, ICP-MS, grav.) Au by fire assay. ACME Analytical Laboratories Ltd.	602613	6135686	20	NAD27	62.58	0.67	14.21	5.85	-99	0.07
R19827	Majors and traces $LiBO_2$ fusion (ICP-OES, ICP-MS, grav.) Au by fire assay. ACME Analytical Laboratories Ltd.	602501	6135890	20	NAD27	74.46	0.06	13.78	0.97	-99	0.01
R11087	Majors and traces $LiBO_2$ fusion (ICP-OES, ICP-MS, grav.) Au by fire assay. ACME Analytical Laboratories Ltd.	597159	6132637	20	NAD27	82.04	0.22	5.78	3.93	-99	0.03
R19801	Majors and traces $LiBO_2$ fusion (ICP-OES, ICP-MS, grav.) Au by fire assay. ACME Analytical Laboratories Ltd.	602461	6135979	20	NAD27	86.78	0.05	6.94	1.51	-99	0.01
R19605	Majors and traces $LiBO_2$ fusion (ICP-OES, ICP-MS, grav.) Au by fire assay. ACME Analytical Laboratories Ltd.	602551	6135409	20	NAD27	95.55	0.25	0.9	2.26	-99	0.02
R19802	Majors and traces $LiBO_2$ fusion (ICP-OES, ICP-MS, grav.) Au by fire assay. ACME Analytical Laboratories Ltd.	602424	6136064	20	NAD27	96.06	0.1	0.61	1.69	-99	0.02
R11088	HCl-HNO3 digestion followed by ICP-OES and ICP-MS analysis. ACME Analytical Laboratories Ltd.	597159	6132637	20	NAD27	-99	-99	-99	-99	-99	-99
R19602	HCl-HNO3 digestion followed by ICP-OES and ICP-MS analysis. ACME Analytical Laboratories Ltd.	602368	6136077	20	NAD27	-99	-99	-99	-99	-99	-99
R19603	HCl-HNO3 digestion followed by ICP-OES and ICP-MS analysis. ACME Analytical Laboratories Ltd.	602613	6135686	20	NAD27	-99	-99	-99	-99	-99	-99
R19606	HCl-HNO3 digestion followed by ICP-OES and ICP-MS analysis. ACME Analytical Laboratories Ltd.	602551	6135409	20	NAD27	-99	-99	-99	-99	-99	-99
R19828	HCl-HNO3 digestion followed by ICP-OES and ICP-MS analysis. ACME Analytical Laboratories Ltd.	602464	6135986	20	NAD27	-99	-99	-99	-99	-99	-99
R19829	HCl-HNO3 digestion followed by ICP-OES and ICP-MS analysis. ACME Analytical Laboratories Ltd.	602427	6136060	20	NAD27	-99	-99	-99	-99	-99	-99
R19753	Aqua regia digestion followed by 37 element ICP-MS analysis. ACME Analytical Laboratories Ltd.	602549	6135408	20	NAD27	-99	-99	-99	-99	-99	-99
R19754	Aqua regia digestion followed by 37 element ICP-MS analysis. ACME Analytical Laboratories Ltd.	602550	6135408	20	NAD27	-99	-99	-99	-99	-99	-99
R19755	Aqua regia digestion followed by 37 element ICP-MS analysis. ACME Analytical Laboratories Ltd.	602551	6135409	20	NAD27	-99	-99	-99	-99	-99	-99
R19756	Aqua regia digestion followed by 37 element ICP-MS analysis. ACME Analytical Laboratories Ltd.	602552	6135410	20	NAD27	-99	-99	-99	-99	-99	-99
R19757	Aqua regia digestion followed by 37 element ICP-MS analysis. ACME Analytical Laboratories Ltd.	602553	6135410	20	NAD27	-99	-99	-99	-99	-99	-99

SampleNum	Lab_Method	UTMEast	UTMNorth	UTMzone	Datum	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	FeOT_pct	MnO_pct
R19758	Aqua regia digestion followed by 37 element ICP-MS analysis. ACME Analytical Laboratories Ltd.	602553	6135411	20	NAD27	-99	-99	-99	-99	-99	-99
R19759	Aqua regia digestion followed by 37 element ICP-MS analysis. ACME Analytical Laboratories Ltd.	602554	6135412	20	NAD27	-99	-99	-99	-99	-99	-99
R19760	Aqua regia digestion followed by 37 element ICP-MS analysis. ACME Analytical Laboratories Ltd.	602554	6135411	20	NAD27	-99	-99	-99	-99	-99	-99
R19761	Aqua regia digestion followed by 37 element ICP-MS analysis. ACME Analytical Laboratories Ltd.	602542	6135413	20	NAD27	-99	-99	-99	-99	-99	-99
R12808	Aqua regia digestion followed by 37 element ICP-MS analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602546	6135406	20	NAD27	-99	-99	-99	-99	-99	-99
R12809	Aqua regia digestion followed by 37 element ICP-MS analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602547	6135409	20	NAD27	-99	-99	-99	-99	-99	-99
R12810	Aqua regia digestion followed by 37 element ICP-MS analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602548	6135409	20	NAD27	-99	-99	-99	-99	-99	-99
R12811	Aqua regia digestion followed by 37 element ICP-MS analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602554	6135412	20	NAD27	-99	-99	-99	-99	-99	-99
103101	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604428	6136095	20	NAD27	-99	-99	-99	-99	-99	-99
103102	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604428	6136095	20	NAD27	-99	-99	-99	-99	-99	-99
103103	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604428	6136095	20	NAD27	-99	-99	-99	-99	-99	-99
103104	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604428	6136095	20	NAD27	-99	-99	-99	-99	-99	-99
103105	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604424	6136100	20	NAD27	-99	-99	-99	-99	-99	-99
103106	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604424	6136100	20	NAD27	-99	-99	-99	-99	-99	-99
103107	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604424	6136100	20	NAD27	-99	-99	-99	-99	-99	-99
103108	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604424	6136100	20	NAD27	-99	-99	-99	-99	-99	-99
103109	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604424	6136100	20	NAD27	-99	-99	-99	-99	-99	-99
103110	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604424	6136100	20	NAD27	-99	-99	-99	-99	-99	-99
103111	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604431	6136090	20	NAD27	-99	-99	-99	-99	-99	-99
103112	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604431	6136090	20	NAD27	-99	-99	-99	-99	-99	-99

SampleNum	Lab_Method	UTMEast	UTMNorth	UTMzone	Datum	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	FeOT_pct	MnO_pct
103113	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604431	6136090	20	NAD27	-99	-99	-99	-99	-99	-99
103114	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604431	6136090	20	NAD27	-99	-99	-99	-99	-99	-99
103115	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604431	6136090	20	NAD27	-99	-99	-99	-99	-99	-99
103116	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604431	6136090	20	NAD27	-99	-99	-99	-99	-99	-99
103117	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604433	6136075	20	NAD27	-99	-99	-99	-99	-99	-99
103118	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604433	6136075	20	NAD27	-99	-99	-99	-99	-99	-99
103119	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604433	6136075	20	NAD27	-99	-99	-99	-99	-99	-99
103120	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604433	6136075	20	NAD27	-99	-99	-99	-99	-99	-99
103121	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604433	6136075	20	NAD27	-99	-99	-99	-99	-99	-99
103122	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604433	6136075	20	NAD27	-99	-99	-99	-99	-99	-99
103123	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604438	6136060	20	NAD27	-99	-99	-99	-99	-99	-99
103124	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604438	6136060	20	NAD27	-99	-99	-99	-99	-99	-99
103125	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604438	6136060	20	NAD27	-99	-99	-99	-99	-99	-99
103126	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604438	6136060	20	NAD27	-99	-99	-99	-99	-99	-99
103127	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604438	6136060	20	NAD27	-99	-99	-99	-99	-99	-99
103128	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604438	6136060	20	NAD27	-99	-99	-99	-99	-99	-99
RE-103101	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604428	6136095	20	NAD27	-99	-99	-99	-99	-99	-99
RRE-103101	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604428	6136095	20	NAD27	-99	-99	-99	-99	-99	-99
TG-AOT2-007	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602250	6125490	20	NAD27	-99	-99	-99	-99	-99	-99
TG-AOT2-008	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	598075	6132850	20	NAD27	-99	-99	-99	-99	-99	-99

SampleNum	Lab_Method	UTMEast	UTMNorth	UTMzone	Datum	SiO2_pct	TiO2_pct	Al2O3_pct	Fe2O3T_pct	FeOT_pct	MnO_pct
TS-AOT2-023	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602467	6126293	20	NAD27	-99	-99	-99	-99	-99	-99
DC-AOT2-011	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	601575	6135050	20	NAD27	-99	-99	-99	-99	-99	-99
DC-AOT2-013	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	599967	6136299	20	NAD27	-99	-99	-99	-99	-99	-99
HW-AOT2-009	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	595800	6136318	20	NAD27	-99	-99	-99	-99	-99	-99
RE-TS-AOT2-038	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602478	6135866	20	NAD27	-99	-99	-99	-99	-99	-99
RRE-TS-AOT2-038	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602478	6135866	20	NAD27	-99	-99	-99	-99	-99	-99
TS-A0T2-026	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	596267	6135443	20	NAD27	-99	-99	-99	-99	-99	-99
TS-A0T2-037	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602435	6135841	20	NAD27	-99	-99	-99	-99	-99	-99
TS-AOT2-024	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602506	6126188	20	NAD27	-99	-99	-99	-99	-99	-99
TS-AOT2-025	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	597127	6135544	20	NAD27	-99	-99	-99	-99	-99	-99
TS-AOT2-034	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602412	6135991	20	NAD27	-99	-99	-99	-99	-99	-99
TS-AOT2-035	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602416	6136121	20	NAD27	-99	-99	-99	-99	-99	-99
TS-AOT2-036	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602416	6136121	20	NAD27	-99	-99	-99	-99	-99	-99
TS-AOT2-038	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602478	6135866	20	NAD27	-99	-99	-99	-99	-99	-99
TS-AOT2-039	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	602504	6135878	20	NAD27	-99	-99	-99	-99	-99	-99
TS-AOT2-040	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604438	6136060	20	NAD27	-99	-99	-99	-99	-99	-99
103129	HCl-HNO3 digestion followed by ICP-OES analysis. Au by fire assay. ACME Analytical Laboratories Ltd.	604438	6136060	20	NAD27	-99	-99	-99	-99	-99	-99

SampleNum	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	TOT/C	TOT/S	Ti_ppm	Ba_ppm	Rb_ppm	Sr_ppm	Hf_ppm	Ta_ppm	Nb_ppm	Zr_ppm	Y_ppm
316851	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316852	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316853	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316854	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316855	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316856	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316857	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316858	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316859	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316860	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316861	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316862	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316863	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316864	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316865	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316866	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316867	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316868	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316869	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316870	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316871	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316872	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316873	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316874	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316875	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99

SampleNum	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	TOT/C	TOT/S	Ti_ppm	Ba_ppm	Rb_ppm	Sr_ppm	Hf_ppm	Ta_ppm	Nb_ppm	Zr_ppm	Y_ppm
316876	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316877	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
316878	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
2	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
3	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
4	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
6	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
7	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
8	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
9	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
11	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
12	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
I	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
II	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
III	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
IV	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
V	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
VI	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
VII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
VIII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
IX	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
X	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
XI	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
XII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
XIII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
AR96-04-32m	5.97	9.51	2.05	1.49	0.27	1.41	-99	-99	33512	710	36	646	-99	-99	34	207	20
AR96-01-6.5m	19.11	8.18	0.24	0.20	0.07	4.57	-99	-99	8273	90	10	146	-99	-99	14	75	12
AR96-05-26.7m	0.44	1.45	3.05	6.62	0.12	0.34	-99	-99	1259	3240	132	2050	-99	-99	2	336	12
108655	-99	-99	-99	-99	-99	-99	-99	-99	-99	110	-99	454	-99	-99	-99	-99	-99
108651	-99	-99	-99	-99	-99	-99	-99	-99	-99	360	-99	819	-99	-99	-99	-99	-99
108654	-99	-99	-99	-99	-99	-99	-99	-99	-99	190	-99	1335	-99	-99	-99	-99	-99
108603	-99	-99	-99	-99	-99	-99	-99	-99	-99	80	-99	151	-99	-99	-99	-99	-99
108604	-99	-99	-99	-99	-99	-99	-99	-99	-99	150	-99	113	-99	-99	-99	-99	-99
108617	-99	-99	-99	-99	-99	-99	-99	-99	-99	80	-99	18	-99	-99	-99	-99	-99

SampleNum	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	TOT/C	TOT/S	Ti_ppm	Ba_ppm	Rb_ppm	Sr_ppm	Hf_ppm	Ta_ppm	Nb_ppm	Zr_ppm	Y_ppm
108601	-99	-99	-99	-99	-99	-99	-99	-99	-99	70	-99	281	-99	-99	-99	-99	-99
108602	-99	-99	-99	-99	-99	-99	-99	-99	-99	110	-99	574	-99	-99	-99	-99	-99
108653	-99	-99	-99	-99	-99	-99	-99	-99	-99	130	-99	1190	-99	-99	-99	-99	-99
108605	-99	-99	-99	-99	-99	-99	-99	-99	-99	280	-99	390	-99	-99	-99	-99	-99
108606	-99	-99	-99	-99	-99	-99	-99	-99	-99	560	-99	205	-99	-99	-99	-99	-99
108607	-99	-99	-99	-99	-99	-99	-99	-99	-99	160	-99	18	-99	-99	-99	-99	-99
108608	-99	-99	-99	-99	-99	-99	-99	-99	-99	3240	-99	303	-99	-99	-99	-99	-99
108609	-99	-99	-99	-99	-99	-99	-99	-99	-99	950	-99	76	-99	-99	-99	-99	-99
108610	-99	-99	-99	-99	-99	-99	-99	-99	-99	230	-99	994	-99	-99	-99	-99	-99
108611	-99	-99	-99	-99	-99	-99	-99	-99	-99	620	-99	761	-99	-99	-99	-99	-99
108612	-99	-99	-99	-99	-99	-99	-99	-99	-99	520	-99	1455	-99	-99	-99	-99	-99
108613	-99	-99	-99	-99	-99	-99	-99	-99	-99	410	-99	258	-99	-99	-99	-99	-99
108614	-99	-99	-99	-99	-99	-99	-99	-99	-99	380	-99	196	-99	-99	-99	-99	-99
108615	-99	-99	-99	-99	-99	-99	-99	-99	-99	490	-99	216	-99	-99	-99	-99	-99
108616	-99	-99	-99	-99	-99	-99	-99	-99	-99	900	-99	881	-99	-99	-99	-99	-99
108618	-99	-99	-99	-99	-99	-99	-99	-99	-99	170	-99	80	-99	-99	-99	-99	-99
108656	-99	-99	-99	-99	-99	-99	-99	-99	-99	340	-99	152	-99	-99	-99	-99	-99
108657	-99	-99	-99	-99	-99	-99	-99	-99	-99	380	-99	127	-99	-99	-99	-99	-99
108658	-99	-99	-99	-99	-99	-99	-99	-99	-99	120	-99	20	-99	-99	-99	-99	-99
108652	-99	-99	-99	-99	-99	-99	-99	-99	-99	280	-99	1155	-99	-99	-99	-99	-99
AU-01	-99	-99	-99	-99	-99	-99	-99	-99	-99	154	-99	77	-99	-99	-99	-99	-99
AU-02	-99	-99	-99	-99	-99	-99	-99	-99	-99	274	-99	221	-99	-99	-99	-99	-99
AU-03	-99	-99	-99	-99	-99	-99	-99	-99	-99	122	-99	221	-99	-99	-99	-99	-99
AU-04	-99	-99	-99	-99	-99	-99	-99	-99	-99	551	-99	100	-99	-99	-99	-99	-99
AU-05	-99	-99	-99	-99	-99	-99	-99	-99	-99	254	-99	221	-99	-99	-99	-99	-99
AU-06	-99	-99	-99	-99	-99	-99	-99	-99	-99	340	-99	221	-99	-99	-99	-99	-99

SampleNum	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	TOT/C	TOT/S	Ti_ppm	Ba_ppm	Rb_ppm	Sr_ppm	Hf_ppm	Ta_ppm	Nb_ppm	Zr_ppm	Y_ppm
AU-07	-99	-99	-99	-99	-99	-99	-99	-99	-99	192	-99	221	-99	-99	-99	-99	-99
AU-08	-99	-99	-99	-99	-99	-99	-99	-99	-99	551	-99	82	-99	-99	-99	-99	-99
AU-09	-99	-99	-99	-99	-99	-99	-99	-99	-99	253	-99	221	-99	-99	-99	-99	-99
AU-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	310	-99	221	-99	-99	-99	-99	-99
AU-11	-99	-99	-99	-99	-99	-99	-99	-99	-99	551	-99	30	-99	-99	-99	-99	-99
AU-12	-99	-99	-99	-99	-99	-99	-99	-99	-99	221	-99	221	-99	-99	-99	-99	-99
AU-13	-99	-99	-99	-99	-99	-99	-99	-99	-99	166	-99	204	-99	-99	-99	-99	-99
AU-14	-99	-99	-99	-99	-99	-99	-99	-99	-99	143	-99	77	-99	-99	-99	-99	-99
AU-15	-99	-99	-99	-99	-99	-99	-99	-99	-99	349	-99	221	-99	-99	-99	-99	-99
AU-16	-99	-99	-99	-99	-99	-99	-99	-99	-99	355	-99	221	-99	-99	-99	-99	-99
AU-17	-99	-99	-99	-99	-99	-99	-99	-99	-99	171	-99	221	-99	-99	-99	-99	-99
AU-18	-99	-99	-99	-99	-99	-99	-99	-99	-99	116	-99	221	-99	-99	-99	-99	-99
AU-19	-99	-99	-99	-99	-99	-99	-99	-99	-99	270	-99	221	-99	-99	-99	-99	-99
AU-20	-99	-99	-99	-99	-99	-99	-99	-99	-99	101	-99	141	-99	-99	-99	-99	-99
AU-21	-99	-99	-99	-99	-99	-99	-99	-99	-99	198	-99	40	-99	-99	-99	-99	-99
AU-22	-99	-99	-99	-99	-99	-99	-99	-99	-99	103	-99	161	-99	-99	-99	-99	-99
AU-23	-99	-99	-99	-99	-99	-99	-99	-99	-99	97	-99	34	-99	-99	-99	-99	-99
AU-24	-99	-99	-99	-99	-99	-99	-99	-99	-99	551	-99	221	-99	-99	-99	-99	-99
AU-25	-99	-99	-99	-99	-99	-99	-99	-99	-99	436	-99	214	-99	-99	-99	-99	-99
AU-26	-99	-99	-99	-99	-99	-99	-99	-99	-99	411	-99	182	-99	-99	-99	-99	-99
AU-27	-99	-99	-99	-99	-99	-99	-99	-99	-99	260	-99	218	-99	-99	-99	-99	-99
AU-28	-99	-99	-99	-99	-99	-99	-99	-99	-99	258	-99	19	-99	-99	-99	-99	-99
AU-29	-99	-99	-99	-99	-99	-99	-99	-99	-99	279	-99	221	-99	-99	-99	-99	-99
AU-30	-99	-99	-99	-99	-99	-99	-99	-99	-99	490	-99	120	-99	-99	-99	-99	-99
AU-31	-99	-99	-99	-99	-99	-99	-99	-99	-99	551	-99	221	-99	-99	-99	-99	-99
AU-32	-99	-99	-99	-99	-99	-99	-99	-99	-99	44	-99	19	-99	-99	-99	-99	-99

SampleNum	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	TOT/C	TOT/S	Ti_ppm	Ba_ppm	Rb_ppm	Sr_ppm	Hf_ppm	Ta_ppm	Nb_ppm	Zr_ppm	Y_ppm
AU-33	-99	-99	-99	-99	-99	-99	-99	-99	-99	287	-99	221	-99	-99	-99	-99	-99
AU-34	-99	-99	-99	-99	-99	-99	-99	-99	-99	147	-99	221	-99	-99	-99	-99	-99
AU-35	-99	-99	-99	-99	-99	-99	-99	-99	-99	27	-99	9	-99	-99	-99	-99	-99
AU-36	-99	-99	-99	-99	-99	-99	-99	-99	-99	75	-99	24	-99	-99	-99	-99	-99
At-01	-99	-99	-99	-99	-99	-99	-99	-99	-99	162	-99	94	-99	-99	-99	-99	-99
At-02	-99	-99	-99	-99	-99	-99	-99	-99	-99	90	-99	221	-99	-99	-99	-99	-99
At-03	-99	-99	-99	-99	-99	-99	-99	-99	-99	328	-99	221	-99	-99	-99	-99	-99
At-04	-99	-99	-99	-99	-99	-99	-99	-99	-99	452	-99	188	-99	-99	-99	-99	-99
At-05	-99	-99	-99	-99	-99	-99	-99	-99	-99	173	-99	33	-99	-99	-99	-99	-99
At-06	-99	-99	-99	-99	-99	-99	-99	-99	-99	189	-99	68	-99	-99	-99	-99	-99
At-07	-99	-99	-99	-99	-99	-99	-99	-99	-99	79	-99	66	-99	-99	-99	-99	-99
At-08	-99	-99	-99	-99	-99	-99	-99	-99	-99	200	-99	106	-99	-99	-99	-99	-99
At-09	-99	-99	-99	-99	-99	-99	-99	-99	-99	65	-99	8	-99	-99	-99	-99	-99
At-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	35	-99	9	-99	-99	-99	-99	-99
27301	-99	-99	-99	-99	-99	-99	-99	-99	-99	181	-99	221	-99	-99	-99	-99	-99
27302	-99	-99	-99	-99	-99	-99	-99	-99	-99	304	-99	221	-99	-99	-99	-99	-99
27303	-99	-99	-99	-99	-99	-99	-99	-99	-99	140	-99	221	-99	-99	-99	-99	-99
27304	-99	-99	-99	-99	-99	-99	-99	-99	-99	248	-99	121	-99	-99	-99	-99	-99
27305	-99	-99	-99	-99	-99	-99	-99	-99	-99	267	-99	221	-99	-99	-99	-99	-99
27306	-99	-99	-99	-99	-99	-99	-99	-99	-99	139	-99	221	-99	-99	-99	-99	-99
27307	-99	-99	-99	-99	-99	-99	-99	-99	-99	72	-99	221	-99	-99	-99	-99	-99

SampleNum	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	TOT/C	TOT/S	Ti_ppm	Ba_ppm	Rb_ppm	Sr_ppm	Hf_ppm	Ta_ppm	Nb_ppm	Zr_ppm	Y_ppm
27308	-99	-99	-99	-99	-99	-99	-99	-99	-99	131	-99	221	-99	-99	-99	-99	-99
27309	-99	-99	-99	-99	-99	-99	-99	-99	-99	184	-99	221	-99	-99	-99	-99	-99
27310	-99	-99	-99	-99	-99	-99	-99	-99	-99	65	-99	107	-99	-99	-99	-99	-99
27311	-99	-99	-99	-99	-99	-99	-99	-99	-99	57	-99	6	-99	-99	-99	-99	-99
27312	-99	-99	-99	-99	-99	-99	-99	-99	-99	166	-99	221	-99	-99	-99	-99	-99
27313	-99	-99	-99	-99	-99	-99	-99	-99	-99	20	-99	8	-99	-99	-99	-99	-99
27314	-99	-99	-99	-99	-99	-99	-99	-99	-99	61	-99	221	-99	-99	-99	-99	-99
27315	-99	-99	-99	-99	-99	-99	-99	-99	-99	114	-99	11	-99	-99	-99	-99	-99
27316	-99	-99	-99	-99	-99	-99	-99	-99	-99	16	-99	19	-99	-99	-99	-99	-99
27317	-99	-99	-99	-99	-99	-99	-99	-99	-99	10	-99	11	-99	-99	-99	-99	-99
27318	-99	-99	-99	-99	-99	-99	-99	-99	-99	91	-99	185	-99	-99	-99	-99	-99
27319	-99	-99	-99	-99	-99	-99	-99	-99	-99	18	-99	76	-99	-99	-99	-99	-99
28060	-99	-99	-99	-99	-99	-99	-99	-99	-99	253	-99	221	-99	-99	-99	-99	-99
28061	-99	-99	-99	-99	-99	-99	-99	-99	-99	96	-99	221	-99	-99	-99	-99	-99
28062	-99	-99	-99	-99	-99	-99	-99	-99	-99	33	-99	62	-99	-99	-99	-99	-99
28063	-99	-99	-99	-99	-99	-99	-99	-99	-99	32	-99	23	-99	-99	-99	-99	-99
28064	-99	-99	-99	-99	-99	-99	-99	-99	-99	266	-99	221	-99	-99	-99	-99	-99
28065	-99	-99	-99	-99	-99	-99	-99	-99	-99	208	-99	221	-99	-99	-99	-99	-99
28066	-99	-99	-99	-99	-99	-99	-99	-99	-99	10	-99	56	-99	-99	-99	-99	-99
28067	-99	-99	-99	-99	-99	-99	-99	-99	-99	14	-99	149	-99	-99	-99	-99	-99
28068	-99	-99	-99	-99	-99	-99	-99	-99	-99	24	-99	104	-99	-99	-99	-99	-99

SampleNum	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	TOT/C	TOT/S	Ti_ppm	Ba_ppm	Rb_ppm	Sr_ppm	Hf_ppm	Ta_ppm	Nb_ppm	Zr_ppm	Y_ppm
28069	-99	-99	-99	-99	-99	-99	-99	-99	-99	91	-99	52	-99	-99	-99	-99	-99
28070	-99	-99	-99	-99	-99	-99	-99	-99	-99	87	-99	14	-99	-99	-99	-99	-99
R19601	5.20	8.96	1.46	3.19	0.22	12.5	3.53	3.02	15707	59.5	73.3	1319.4	7.3	1.9	28.8	222.3	30.3
R19604	1.53	3.41	1.87	3.99	0.85	4.6	0.62	1.43	4017	55.5	78.8	1001.8	8.6	0.5	7.5	374.3	37.6
R19827	0.12	0.30	3.54	6.04	0.02	0.1	0.07	0.08	360	1214	83.2	1366.5	0.9	-0.1	0.6	32	1.7
R11087	0.76	5.87	-0.01	0.02	0.03	1.2	0.01	0.11	1319	2.3	-0.5	532.2	0.6	0.1	1.6	15.9	5.8
R19801	0.28	0.04	0.82	2.04	-0.01	1.0	0.09	0.04	300	198	34.5	136.5	1.1	0.2	0.6	45.8	1
R19605	0.07	0.21	0.03	0.30	0.01	0.5	0.08	0.35	1499	46	6.5	47.4	0.5	-0.1	2.1	17.7	2.6
R19802	0.13	0.38	0.09	0.21	0.02	0.7	0.12	0.16	599	81.1	3.6	92.7	-0.5	-0.1	0.8	10	1.3
R11088	-99	-99	-99	-99	-99	-99	-99	0.03	-99	3.1	-99	34.7	-99	-99	-99	-99	-99
R19602	-99	-99	-99	-99	-99	-99	-99	0.24	-99	153.9	-99	149.5	-99	-99	-99	-99	-99
R19603	-99	-99	-99	-99	-99	-99	-99	-0.01	-99	172.8	-99	34.3	-99	-99	-99	-99	-99
R19606	-99	-99	-99	-99	-99	-99	-99	0.06	-99	231.9	-99	25.5	-99	-99	-99	-99	-99
R19828	-99	-99	-99	-99	-99	-99	-99	-0.01	-99	163.1	-99	10.3	-99	-99	-99	-99	-99
R19829	-99	-99	-99	-99	-99	-99	-99	0.03	-99	9.7	-99	2.6	-99	-99	-99	-99	-99
R19753	-99	-99	-99	-99	-99	-99	-99	1.22	-99	88.3	-99	188.1	-99	-99	-99	-99	-99
R19754	-99	-99	-99	-99	-99	-99	-99	-0.01	-99	17.9	-99	7.3	-99	-99	-99	-99	-99
R19755	-99	-99	-99	-99	-99	-99	-99	0.31	-99	66.3	-99	24.1	-99	-99	-99	-99	-99
R19756	-99	-99	-99	-99	-99	-99	-99	-0.01	-99	10.3	-99	1.6	-99	-99	-99	-99	-99
R19757	-99	-99	-99	-99	-99	-99	-99	0.02	-99	3	-99	0.9	-99	-99	-99	-99	-99

SampleNum	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	TOT/C	TOT/S	Ti_ppm	Ba_ppm	Rb_ppm	Sr_ppm	Hf_ppm	Ta_ppm	Nb_ppm	Zr_ppm	Y_ppm
R19758	-99	-99	-99	-99	-99	-99	-99	0.03	-99	243.9	-99	15.5	-99	-99	-99	-99	-99
R19759	-99	-99	-99	-99	-99	-99	-99	1.46	-99	62.3	-99	2119.8	-99	-99	-99	-99	-99
R19760	-99	-99	-99	-99	-99	-99	-99	1.35	-99	50.9	-99	22.5	-99	-99	-99	-99	-99
R19761	-99	-99	-99	-99	-99	-99	-99	0.03	-99	114.4	-99	5.2	-99	-99	-99	-99	-99
R12808	-99	-99	-99	-99	-99	-99	-99	1.57	-99	48.3	-99	84.2	-99	-99	-99	-99	8
R12809	-99	-99	-99	-99	-99	-99	-99	1.04	-99	78.4	-99	345.8	-99	-99	-99	-99	11
R12810	-99	-99	-99	-99	-99	-99	-99	0.27	-99	399.9	-99	91.2	-99	-99	-99	-99	5
R12811	-99	-99	-99	-99	-99	-99	-99	0.07	-99	674.7	-99	50.7	-99	-99	-99	-99	-1
103101	-99	-99	-99	-99	-99	-99	-99	-99	-99	332	-99	253	-99	-99	-99	-99	-99
103102	-99	-99	-99	-99	-99	-99	-99	-99	-99	163	-99	292	-99	-99	-99	-99	-99
103103	-99	-99	-99	-99	-99	-99	-99	-99	-99	282	-99	250	-99	-99	-99	-99	-99
103104	-99	-99	-99	-99	-99	-99	-99	-99	-99	214	-99	162	-99	-99	-99	-99	-99
103105	-99	-99	-99	-99	-99	-99	-99	-99	-99	182	-99	492	-99	-99	-99	-99	-99
103106	-99	-99	-99	-99	-99	-99	-99	-99	-99	217	-99	537	-99	-99	-99	-99	-99
103107	-99	-99	-99	-99	-99	-99	-99	-99	-99	64	-99	750	-99	-99	-99	-99	-99
103108	-99	-99	-99	-99	-99	-99	-99	-99	-99	206	-99	321	-99	-99	-99	-99	-99
103109	-99	-99	-99	-99	-99	-99	-99	-99	-99	69	-99	423	-99	-99	-99	-99	-99
103110	-99	-99	-99	-99	-99	-99	-99	-99	-99	267	-99	710	-99	-99	-99	-99	-99
103111	-99	-99	-99	-99	-99	-99	-99	-99	-99	162	-99	671	-99	-99	-99	-99	-99
103112	-99	-99	-99	-99	-99	-99	-99	-99	-99	69	-99	532	-99	-99	-99	-99	-99

SampleNum	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	TOT/C	TOT/S	Ti_ppm	Ba_ppm	Rb_ppm	Sr_ppm	Hf_ppm	Ta_ppm	Nb_ppm	Zr_ppm	Y_ppm
103113	-99	-99	-99	-99	-99	-99	-99	-99	-99	16	-99	30	-99	-99	-99	-99	-99
103114	-99	-99	-99	-99	-99	-99	-99	-99	-99	215	-99	611	-99	-99	-99	-99	-99
103115	-99	-99	-99	-99	-99	-99	-99	-99	-99	169	-99	465	-99	-99	-99	-99	-99
103116	-99	-99	-99	-99	-99	-99	-99	-99	-99	132	-99	365	-99	-99	-99	-99	-99
103117	-99	-99	-99	-99	-99	-99	-99	-99	-99	79	-99	498	-99	-99	-99	-99	-99
103118	-99	-99	-99	-99	-99	-99	-99	-99	-99	169	-99	150	-99	-99	-99	-99	-99
103119	-99	-99	-99	-99	-99	-99	-99	-99	-99	62	-99	628	-99	-99	-99	-99	-99
103120	-99	-99	-99	-99	-99	-99	-99	-99	-99	255	-99	174	-99	-99	-99	-99	-99
103121	-99	-99	-99	-99	-99	-99	-99	-99	-99	57	-99	467	-99	-99	-99	-99	-99
103122	-99	-99	-99	-99	-99	-99	-99	-99	-99	251	-99	181	-99	-99	-99	-99	-99
103123	-99	-99	-99	-99	-99	-99	-99	-99	-99	77	-99	52	-99	-99	-99	-99	-99
103124	-99	-99	-99	-99	-99	-99	-99	-99	-99	189	-99	331	-99	-99	-99	-99	-99
103125	-99	-99	-99	-99	-99	-99	-99	-99	-99	160	-99	470	-99	-99	-99	-99	-99
103126	-99	-99	-99	-99	-99	-99	-99	-99	-99	92	-99	428	-99	-99	-99	-99	-99
103127	-99	-99	-99	-99	-99	-99	-99	-99	-99	258	-99	345	-99	-99	-99	-99	-99
103128	-99	-99	-99	-99	-99	-99	-99	-99	-99	78	-99	317	-99	-99	-99	-99	-99
RE-103101	-99	-99	-99	-99	-99	-99	-99	-99	-99	328	-99	247	-99	-99	-99	-99	-99
RRE-103101	-99	-99	-99	-99	-99	-99	-99	-99	-99	311	-99	249	-99	-99	-99	-99	-99
TG-AOT2-007	-99	-99	-99	-99	-99	-99	-99	-99	-99	64	-99	5	-99	-99	-99	-99	-99
TG-AOT2-008	-99	-99	-99	-99	-99	-99	-99	-99	-99	122	-99	70	-99	-99	-99	-99	-99

SampleNum	MgO_pct	CaO_pct	Na2O_pct	K2O_pct	P2O5_pct	LOI_pct	TOT/C	TOT/S	Ti_ppm	Ba_ppm	Rb_ppm	Sr_ppm	Hf_ppm	Ta_ppm	Nb_ppm	Zr_ppm	Y_ppm
TS-AOT2-023	-99	-99	-99	-99	-99	-99	-99	-99	-99	12	-99	181	-99	-99	-99	-99	-99
DC-AOT2-011	-99	-99	-99	-99	-99	-99	-99	-99	-99	36	-99	56	-99	-99	-99	-99	-99
DC-AOT2-013	-99	-99	-99	-99	-99	-99	-99	-99	-99	61	-99	13	-99	-99	-99	-99	-99
HW-AOT2-009	-99	-99	-99	-99	-99	-99	-99	-99	-99	88	-99	26	-99	-99	-99	-99	-99
RE-TS-AOT2-038	-99	-99	-99	-99	-99	-99	-99	-99	-99	185	-99	72	-99	-99	-99	-99	-99
RRE-TS-AOT2-038	-99	-99	-99	-99	-99	-99	-99	-99	-99	161	-99	73	-99	-99	-99	-99	-99
TS-A0T2-026	-99	-99	-99	-99	-99	-99	-99	-99	-99	24	-99	11	-99	-99	-99	-99	-99
TS-A0T2-037	-99	-99	-99	-99	-99	-99	-99	-99	-99	150	-99	428	-99	-99	-99	-99	-99
TS-AOT2-024	-99	-99	-99	-99	-99	-99	-99	-99	-99	14	-99	38	-99	-99	-99	-99	-99
TS-AOT2-025	-99	-99	-99	-99	-99	-99	-99	-99	-99	42	-99	55	-99	-99	-99	-99	-99
TS-AOT2-034	-99	-99	-99	-99	-99	-99	-99	-99	-99	90	-99	929	-99	-99	-99	-99	-99
TS-AOT2-035	-99	-99	-99	-99	-99	-99	-99	-99	-99	98	-99	1563	-99	-99	-99	-99	-99
TS-AOT2-036	-99	-99	-99	-99	-99	-99	-99	-99	-99	206	-99	316	-99	-99	-99	-99	-99
TS-AOT2-038	-99	-99	-99	-99	-99	-99	-99	-99	-99	176	-99	72	-99	-99	-99	-99	-99
TS-AOT2-039	-99	-99	-99	-99	-99	-99	-99	-99	-99	10	-99	126	-99	-99	-99	-99	-99
TS-AOT2-040	-99	-99	-99	-99	-99	-99	-99	-99	-99	12	-99	81	-99	-99	-99	-99	-99
103129	-99	-99	-99	-99	-99	-99	-99	-99	-99	103	-99	540	-99	-99	-99	-99	-99

SampleNum	Th_ppm	U_ppm	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Er_ppm	Ho_ppm	Tm_ppm	Yb_ppm	Lu_ppm	Au_ppb
316851	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	30
316852	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2400
316853	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	820
316854	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	10
316855	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	220
316856	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
316857	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3760
316858	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	370
316859	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	710
316860	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	10
316861	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
316862	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	20
316863	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	205
316864	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
316865	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
316866	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	915
316867	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	70
316868	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
316869	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	365
316870	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
316871	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	30
316872	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	20
316873	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	20
316874	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	45
316875	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	15

SampleNum	Th_ppm	U_ppm	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Er_ppm	Ho_ppm	Tm_ppm	Yb_ppm	Lu_ppm	Au_ppb
316876	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	460
316877	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	465
316878	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1680
2	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
3	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
4	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
6	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
7	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
8	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
9	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
11	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
12	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
I	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	648
II	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
III	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	874
IV	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1552
V	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3782
VI	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	48
VII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	4049
VIII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1223
IX	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	4912
X	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	17485
XI	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3762
XII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	14
XIII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	49105
AR96-04-32m	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
AR96-01-6.5m	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
AR96-05-26.7m	16	-99	106	224	21.9	76.0	7.2	3.60	5.3	0.5	2.1	0.8	0.3	0.1	0.6	0.10	-99
108655	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	7460
108651	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1790
108654	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	8490
108603	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
108604	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
108617	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	130

SampleNum	Th_ppm	U_ppm	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Er_ppm	Ho_ppm	Tm_ppm	Yb_ppm	Lu_ppm	Au_ppb
108601	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
108602	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
108653	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	8420
108605	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2930
108606	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	120
108607	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1360
108608	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
108609	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	550
108610	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	625
108611	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	975
108612	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	835
108613	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1060
108614	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	645
108615	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	6340
108616	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	265
108618	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-5
108656	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	620
108657	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1060
108658	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	625
108652	-99	-10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3780
AU-01	-99	-99	-99	144	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2521
AU-02	-99	-99	-99	277	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	236
AU-03	-99	-99	-99	160	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1089
AU-04	-99	-99	-99	441	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	458
AU-05	-99	-99	-99	269	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1072
AU-06	-99	-99	-99	327	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	315

SampleNum	Th_ppm	U_ppm	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Er_ppm	Ho_ppm	Tm_ppm	Yb_ppm	Lu_ppm	Au_ppb
AU-07	-99	-99	-99	247	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1503
AU-08	-99	-99	-99	57	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	294
AU-09	-99	-99	-99	441	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1595
AU-10	-99	-99	-99	165	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1023
AU-11	-99	-99	-99	43	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2179
AU-12	-99	-99	-99	326	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	722
AU-13	-99	-99	-99	125	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1060
AU-14	-99	-99	-99	85	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	4928
AU-15	-99	-99	-99	246	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	206
AU-16	-99	-99	-99	195	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	150
AU-17	-99	-99	-99	224	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	582
AU-18	-99	-99	-99	226	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	330
AU-19	-99	-99	-99	252	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	312
AU-20	-99	-99	-99	109	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	6547
AU-21	-99	-99	-99	110	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3039
AU-22	-99	-99	-99	100	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1962
AU-23	-99	-99	-99	21	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	6289
AU-24	-99	-99	-99	441	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
AU-25	-99	-99	-99	211	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	154
AU-26	-99	-99	-99	199	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	439
AU-27	-99	-99	-99	168	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	233
AU-28	-99	-99	-99	47	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	263
AU-29	-99	-99	-99	158	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	827
AU-30	-99	-99	-99	199	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	715
AU-31	-99	-99	-99	332	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
AU-32	-99	-99	-99	13	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	888

SampleNum	Th_ppm	U_ppm	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Er_ppm	Ho_ppm	Tm_ppm	Yb_ppm	Lu_ppm	Au_ppb
AU-33	-99	-99	-99	322	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	559
AU-34	-99	-99	-99	82	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	533
AU-35	-99	-99	-99	10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	485
AU-36	-99	-99	-99	25	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3260
At-01	-99	-99	-99	103	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	689
At-02	-99	-99	-99	62	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1139
At-03	-99	-99	-99	246	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	14
At-04	-99	-99	-99	112	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	27
At-05	-99	-99	-99	19	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
At-06	-99	-99	-99	12	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
At-07	-99	-99	-99	18	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
At-08	-99	-99	-99	137	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
At-09	-99	-99	-99	10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	634
At-10	-99	-99	-99	14	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	64
27301	-99	-99	-99	138	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1428
27302	-99	-99	-99	160	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	993
27303	-99	-99	-99	180	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	533
27304	-99	-99	-99	152	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1286
27305	-99	-99	-99	146	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
27306	-99	-99	-99	29	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	7361
27307	-99	-99	-99	15	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	4784

SampleNum	Th_ppm	U_ppm	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Er_ppm	Ho_ppm	Tm_ppm	Yb_ppm	Lu_ppm	Au_ppb
27308	-99	-99	-99	126	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2546
27309	-99	-99	-99	136	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	725
27310	-99	-99	-99	45	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
27311	-99	-99	-99	10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
27312	-99	-99	-99	180	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	680
27313	-99	-99	-99	14	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	980
27314	-99	-99	-99	10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	765
27315	-99	-99	-99	14	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	57
27316	-99	-99	-99	13	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
27317	-99	-99	-99	10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
27318	-99	-99	-99	115	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
27319	-99	-99	-99	10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
28060	-99	-99	-99	176	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	358
28061	-99	-99	-99	246	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
28062	-99	-99	-99	33	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
28063	-99	-99	-99	18	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
28064	-99	-99	-99	441	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
28065	-99	-99	-99	334	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
28066	-99	-99	-99	33	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
28067	-99	-99	-99	18	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
28068	-99	-99	-99	23	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99

SampleNum	Th_ppm	U_ppm	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Er_ppm	Ho_ppm	Tm_ppm	Yb_ppm	Lu_ppm	Au_ppb
28069	-99	-99	-99	181	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
28070	-99	-99	-99	24	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5
R19601	2.7	0.2	54.3	129.7	16.05	69.4	13.5	3.55	10.28	1.62	7.02	2.7	1.07	0.4	2.05	0.31	6396
R19604	9.1	0.3	226.5	611.7	75.36	300.9	46.5	10.83	22.95	2.68	8.89	2.2	1.13	0.32	1.55	0.24	1799
R19827	1.35	-0.1	20.8	36.7	3.6	14.3	1.8	1.32	1.07	0.11	0.44	0.11	0.06	-0.05	0.07	0.02	453
R11087	0.3	-0.1	5.3	11.9	1.29	5.8	1.1	0.54	0.96	0.16	0.99	0.57	0.21	0.1	0.51	0.08	0
R19801	3.5	0.1	18.5	38.7	3.76	12.8	1.5	0.42	0.63	0.08	0.24	0.07	-0.05	-0.05	-0.05	-0.01	49
R19605	0.1	-0.1	3.8	9.8	1.11	4.7	0.8	0.23	0.74	0.1	0.49	0.23	0.07	-0.05	0.15	0.03	1009
R19802	0.35	-0.1	5	11.6	1.31	4.7	0.7	0.21	0.44	0.04	0.28	0.11	-0.05	-0.05	0.09	0.01	100000
R11088	-0.1	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	815
R19602	1.6	0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	9
R19603	0.4	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	112
R19606	0.9	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	236
R19828	-0.1	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	95
R19829	-0.1	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	136
R19753	2.6	0.2	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1490
R19754	0.1	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2
R19755	0.1	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1168
R19756	-0.1	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3
R19757	-0.1	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	0

SampleNum	Th_ppm	U_ppm	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Er_ppm	Ho_ppm	Tm_ppm	Yb_ppm	Lu_ppm	Au_ppb
R19758	0.3	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	431
R19759	24	1.8	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	571
R19760	0.7	0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2557
R19761	0.1	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	87
R12808	2.1	0.5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	82
R12809	7.7	0.5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	141
R12810	1.9	0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	99
R12811	1.2	-0.1	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	202
103101	3	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2
103102	-1	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	771
103103	4	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	51
103104	3	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2413
103105	2	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	8
103106	3	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	302
103107	2	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1875
103108	4	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	181
103109	4	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	481
103110	9	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	102
103111	3	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1402
103112	2	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1782

SampleNum	Th_ppm	U_ppm	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Er_ppm	Ho_ppm	Tm_ppm	Yb_ppm	Lu_ppm	Au_ppb
103113	-1	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	128
103114	3	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	913
103115	8	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1230
103116	6	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	87
103117	3	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3030
103118	3	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	32
103119	8	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	7620
103120	6	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	186
103121	3	5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	5790
103122	7	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	54
103123	-1	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2650
103124	7	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	283
103125	10	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	84
103126	3	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1640
103127	6	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	65
103128	2	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2360
RE-103101	3	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2
RRE-103101	3	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-2
TG-AOT2-007	6	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-1
TG-AOT2-008	2	5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1

SampleNum	Th_ppm	U_ppm	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Er_ppm	Ho_ppm	Tm_ppm	Yb_ppm	Lu_ppm	Au_ppb
TS-AOT2-023	-1	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3
DC-AOT2-011	-1	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-1
DC-AOT2-013	2	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-1
HW-AOT2-009	2	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1
RE-TS-AOT2-038	18	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1420
RRE-TS-AOT2-038	16	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1650
TS-A0T2-026	-1	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	9
TS-A0T2-037	42	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	44
TS-AOT2-024	-1	5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3
TS-AOT2-025	2	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1
TS-AOT2-034	2	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2460
TS-AOT2-035	5	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	454
TS-AOT2-036	11	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	170
TS-AOT2-038	17	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1360
TS-AOT2-039	4	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	1660
TS-AOT2-040	2	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	3450
103129	8	-5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	2060

SampleNum	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct
316851	0.4	1.67	56	40	-0.5	-2	0.20	-0.5	61	224	-99	990	8.65	-10	-1	0.22	-10	1.18
316852	4.8	0.14	22	50	-0.5	-2	0.68	-0.5	5	221	-99	10	1.16	-10	-1	0.09	-10	0.24
316853	2.6	0.55	20	110	-0.5	-2	0.34	1.5	8	258	-99	16	1.46	-10	-1	0.15	-10	0.36
316854	-0.2	1.50	6	240	-0.5	-2	1.63	-0.5	35	28	-99	38	6.12	10	-1	0.60	30	1.13
316855	0.4	0.24	-2	100	-0.5	-2	0.09	-0.5	1	181	-99	3	0.76	-10	1	0.15	150	0.01
316856	0.2	1.04	10	10	-0.5	-2	0.53	-0.5	36	201	-99	522	7.05	-10	-1	0.08	-10	0.52
316857	1	2.45	-2	480	-0.5	-2	4.95	1.5	31	340	-99	6	7.64	10	-1	0.22	-10	4.22
316858	0.8	0.69	-2	260	0.5	-2	1.01	-0.5	5	117	-99	6	1.13	-10	-1	0.34	110	0.13
316859	1	0.83	-2	60	0.5	-2	4.16	0.5	15	65	-99	35	3.24	-10	-1	0.27	60	0.99
316860	-0.2	0.94	-2	150	-0.5	-2	1.84	0.5	28	286	-99	164	5.68	-10	-1	0.06	50	1.2
316861	-0.2	0.38	-2	470	-0.5	-2	0.18	-0.5	1	111	-99	4	0.63	-10	-1	0.20	-10	0.12
316862	-0.2	2.77	-2	220	0.5	-2	4.64	0.5	43	12	-99	52	7.68	10	-1	1.24	20	2.64
316863	0.6	1.10	-2	700	0.5	-2	4.71	0.5	11	73	-99	6	2.11	-10	-1	0.63	100	1.75
316864	-0.2	0.73	-2	90	-0.5	-2	0.61	-0.5	10	98	-99	77	3.05	-10	-1	0.08	10	0.28
316865	-0.2	0.04	-2	40	-0.5	-2	0.05	-0.5	-1	309	-99	1	0.33	-10	-1	0.01	-10	0.01
316866	1.4	0.56	2	380	-0.5	-2	1.72	-0.5	6	80	-99	7	1.76	-10	-1	0.28	110	0.17
316867	-0.2	0.98	2	60	-0.5	-2	0.74	-0.5	31	575	-99	262	3.14	-10	-1	0.14	10	1.45
316868	-0.2	1.18	2	200	-0.5	-2	0.72	-0.5	11	89	-99	26	2.13	-10	-1	0.33	30	1.13
316869	4.2	0.09	2	290	-0.5	6	0.15	-0.5	-1	133	-99	301	0.33	-10	-1	0.06	10	0.02
316870	-0.2	1.01	2	70	-0.5	-2	1.07	-0.5	37	399	-99	226	3.81	-10	-1	0.03	10	1.39
316871	-0.2	0.29	2	210	-0.5	-2	1.81	-0.5	9	39	-99	18	2.04	-10	-1	0.07	200	0.20
316872	-0.2	0.98	2	-10	-0.5	-2	14.15	-0.5	6	382	-99	15	1.6	-10	-1	-0.01	-10	1.15
316873	0.2	0.26	2	180	-0.5	-2	0.24	-0.5	13	81	-99	72	3.69	-10	-1	0.14	20	0.12
316874	-0.2	0.32	2	1020	-0.5	-2	0.68	-0.5	5	136	-99	37	0.81	-10	-1	0.12	30	0.16
316875	0.6	1.84	2	-10	-0.5	2	0.65	-0.5	79	104	-99	1310	9.71	-10	-1	0.05	-10	0.77

SampleNum	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct
316876	0.8	0.58	2	130	-0.5	-2	1.35	-0.5	8	96	-99	9	2.09	-10	-1	0.33	70	0.14
316877	1	0.25	2	780	-0.5	-2	0.16	-0.5	1	190	-99	8	0.81	-10	-1	0.12	40	0.07
316878	3.2	0.54	2	340	-0.5	-2	0.42	-0.5	3	132	-99	3	1.18	-10	-1	0.29	60	0.18
2	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
3	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
4	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
6	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
7	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
8	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
9	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
11	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
12	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
I	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
II	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
III	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
IV	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
V	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
VI	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
VII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
VIII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
IX	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
X	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
XI	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
XII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
XIII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
AR96-04-32m	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
AR96-01-6.5m	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
AR96-05-26.7m	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
108655	2.6	2.75	8	-99	1.5	6	3.93	-0.5	63	44	-99	131	9.54	20	-1	1.12	40	2.85
108651	2	2.57	8	-99	1.5	6	4.95	-0.5	56	31	-99	121	9.81	30	-1	1.00	30	3.32
108654	5	2.70	6	-99	1.5	16	7.06	0.5	61	41	-99	228	11	20	-1	1.23	10	3.48
108603	-0.2	1.27	6	-99	-0.5	2	1.67	-0.5	35	22	-99	50	5.18	-10	-1	0.23	20	1.13
108604	0.2	2.12	14	-99	0.5	20	1.01	-0.5	83	543	-99	177	8.65	10	-1	0.32	20	6.75
108617	-0.2	0.16	-2	-99	-0.5	-2	0.26	-0.5	3	349	-99	11	1.21	-10	-1	0.10	-10	0.07

SampleNum	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct
108601	0.2	3.59	6	-99	-0.5	16	3.82	-0.5	40	30	-99	37	7.96	30	-1	0.66	60	3.34
108602	0.2	2.41	8	-99	0.5	18	5.71	-0.5	35	29	-99	27	5.72	20	-1	1.09	20	2.77
108653	6.4	1.02	-2	-99	0.5	6	4.24	-0.5	38	144	-99	71	6.47	-10	-1	0.55	10	1.81
108605	1	1.14	-2	-99	0.5	-2	3.17	-0.5	12	72	-99	21	2.72	-10	-1	0.28	80	0.85
108606	-0.2	0.44	-2	-99	-0.5	-2	0.94	-0.5	5	232	-99	1	0.73	-10	-1	0.29	50	0.10
108607	2.4	0.24	-2	-99	-0.5	-2	0.04	-0.5	1	327	-99	1	1.09	-10	-1	0.16	10	0.05
108608	-0.2	0.50	-2	-99	-0.5	-2	-0.01	-0.5	-1	157	-99	-1	0.21	-10	1	0.32	320	0.02
108609	1.4	0.26	2	-99	-0.5	-2	0.22	-0.5	1	334	-99	2	0.63	-10	-1	0.17	30	0.03
108610	1	0.37	2	-99	-0.5	-2	1.38	-0.5	5	74	-99	26	2.15	-10	-1	0.12	100	0.26
108611	0.6	0.53	-2	-99	-0.5	-2	2.11	-0.5	6	84	-99	4	2.5	-10	1	0.32	100	0.31
108612	0.2	0.47	-2	-99	-0.5	-2	0.94	-0.5	4	164	-99	-1	1.08	-10	-1	0.31	170	0.04
108613	0.6	0.61	-2	-99	-0.5	-2	1.05	-0.5	7	161	-99	24	2.11	-10	-1	0.36	90	0.13
108614	0.6	0.84	-2	-99	-0.5	-2	1.26	-0.5	7	141	-99	-1	1.61	-10	-1	0.44	80	0.29
108615	12	0.66	-2	-99	-0.5	2	0.98	-0.5	4	255	-99	12	1.23	-10	-1	0.34	40	0.21
108616	0.2	1.02	-2	-99	0.5	-2	0.69	-0.5	4	205	-99	-1	1.45	-10	1	0.44	60	0.54
108618	-0.2	0.18	-2	-99	-0.5	-2	0.08	-0.5	-1	311	-99	3	0.35	-10	-1	0.07	10	0.02
108656	3.6	0.34	-2	-99	-0.5	4	0.55	-0.5	4	252	-99	2	0.96	-10	-1	0.18	50	0.12
108657	2.2	0.40	2	-99	-0.5	-2	0.24	-0.5	6	256	-99	1	0.97	-10	-1	0.28	100	0.04
108658	1.2	0.11	-2	-99	-0.5	-2	0.19	-0.5	3	439	-99	1	0.67	-10	-1	0.07	-10	0.03
108652	2.8	1.28	2	-99	0.5	6	5.09	0.5	32	186	-99	38	6.73	-10	-1	0.47	10	1.89
AU-01	1	0.57	5	-99	0.5	2	0.49	0.5	8	86	-99	2	2.33	-99	1	0.28	45	0.24
AU-02	0.2	87.0	5	-99	0.5	2	2.52	0.5	8	73	-99	82	2.28	-99	1	0.18	85	0.71
AU-03	1.6	0.81	5	-99	0.5	2	2.53	0.5	8	64	-99	77	2.12	-99	1	0.16	29	0.68
AU-04	0.2	0.28	8	-99	0.5	2	0.14	0.5	2	180	-99	8	0.38	-99	1	0.14	221	0.03
AU-05	1.8	0.35	5	-99	0.5	2	2.60	0.5	5	60	-99	46	1.33	-99	1	0.18	79	0.29
AU-06	0.2	0.50	5	-99	0.5	2	2.27	0.5	8	63	-99	10	1.63	-99	1	0.25	96	0.23

SampleNum	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct
AU-07	2.4	0.37	5	-99	0.5	2	1.80	0.5	5	86	-99	5	1.61	-99	1	0.21	67	0.09
AU-08	0.8	0.09	5	-99	0.5	2	0.13	0.5	1	214	-99	7	0.28	-99	1	0.04	19	0.01
AU-09	1.7	0.29	6	-99	0.5	2	0.61	0.5	7	161	-99	9	1.21	-99	1	0.16	221	0.02
AU-10	1.3	0.38	5	-99	0.5	2	1.02	0.5	3	122	-99	8	0.9	-99	1	0.23	48	0.06
AU-11	6.1	0.07	5	-99	0.5	15	0.01	0.5	1	247	-99	74	0.29	-99	1	0.03	19	0.01
AU-12	0.9	0.42	5	-99	0.5	2	1.92	0.5	8	132	-99	14	1.31	-99	1	0.25	120	0.27
AU-13	0.9	0.39	5	-99	0.5	2	0.68	0.5	10	100	-99	10	1.29	-99	1	0.23	44	0.05
AU-14	6.1	0.19	5	-99	0.5	2	0.60	0.5	6	194	-99	9	1.67	-99	1	0.11	24	0.07
AU-15	0.2	0.32	5	-99	0.5	2	1.30	0.5	5	89	-99	14	1.42	-99	1	0.15	74	0.18
AU-16	0.2	0.47	5	-99	0.5	2	2.64	0.5	6	91	-99	7	1.53	-99	1	0.27	55	0.37
AU-17	0.7	0.38	5	-99	0.5	2	3.80	0.5	9	56	-99	18	2.18	-99	1	0.22	59	0.69
AU-18	0.8	0.34	5	-99	0.5	2	1.73	0.5	8	92	-99	85	2.36	-99	1	0.09	62	0.20
AU-19	0.2	0.35	5	-99	0.5	2	1.37	0.5	5	132	-99	18	1.54	-99	1	0.18	78	0.18
AU-20	5.2	0.46	5	-99	0.5	2	1.07	0.5	16	146	-99	7	2.13	-99	1	0.21	22	0.15
AU-21	5.3	0.23	5	-99	0.5	2	0.12	0.5	1	239	-99	6	0.51	-99	1	0.13	38	0.04
AU-22	2.4	0.54	5	-99	0.5	2	1.39	0.5	43	135	-99	7	2.92	-99	1	0.25	14	0.28
AU-23	6.1	0.34	5	-99	0.5	4	0.25	0.5	7	228	-99	35	1.68	-99	1	0.09	10	0.19
AU-24	0.2	0.91	10	-99	1.0	2	5.51	0.6	10	48	-99	16	2.13	-99	1	0.64	221	1.24
AU-25	0.2	0.40	5	-99	0.5	2	0.52	0.5	5	169	-99	7	0.74	-99	1	0.23	81	0.05
AU-26	0.2	0.34	5	-99	0.5	2	0.59	0.5	4	113	-99	10	1.39	-99	1	0.16	65	0.06
AU-27	0.2	0.35	5	-99	0.5	2	0.99	0.5	4	124	-99	7	1.36	-99	1	0.17	48	0.08
AU-28	3.6	0.08	5	-99	0.5	6	0.03	0.5	1	286	-99	14	0.38	-99	1	0.03	13	0.01
AU-29	1.4	0.52	5	-99	0.5	2	1.22	0.5	4	119	-99	33	1.28	-99	1	0.22	41	0.20
AU-30	1.3	0.44	5	-99	0.5	2	0.74	0.5	2	208	-99	21	0.8	-99	1	0.23	55	0.11
AU-31	0.2	0.40	5	-99	0.5	2	2.20	0.5	8	86	-99	176	1.73	-99	1	0.18	91	0.33
AU-32	1.7	0.10	5	-99	0.5	2	0.04	0.5	2	286	-99	24	0.81	-99	1	0.03	10	0.01

SampleNum	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct
AU-33	12	0.72	5	-99	0.5	2	3.50	0.5	7	91	-99	65	1.73	-99	1	0.30	87	0.48
AU-34	0.2	0.42	5	-99	0.5	2	4.37	0.6	30	74	-99	7	3.42	-99	1	0.27	10	1.31
AU-35	1.3	0.08	5	-99	0.5	4	0.02	0.5	1	243	-99	6	0.45	-99	1	0.02	10	0.01
AU-36	6.1	0.82	5	-99	0.5	5	0.47	0.5	14	221	-99	60	3.73	-99	1	-99	10	0.69
At-01	0.5	0.62	7	-99	0.5	2	0.57	0.5	9	83	-99	10	1.52	-99	1	0.20	38	0.37
At-02	0.6	0.46	5	-99	0.6	2	1.51	0.5	9	69	-99	47	1.89	-99	1	0.21	24	0.21
At-03	0.2	0.46	7	-99	1.0	2	2.22	0.5	7	77	-99	4	1.63	-99	1	0.37	89	0.63
At-04	0.2	0.30	6	-99	0.5	2	0.98	0.5	5	173	-99	21	1.03	-99	1	0.09	44	0.31
At-05	0.2	0.17	5	-99	0.5	2	0.27	0.5	10	145	-99	10	0.63	-99	1	0.04	10	0.07
At-06	0.2	0.16	7	-99	0.5	2	0.04	0.5	6	116	-99	80	2.16	-99	1	0.13	10	0.03
At-07	0.6	0.19	6	-99	0.5	2	0.05	0.5	14	104	-99	77	2.29	-99	1	0.15	10	0.05
At-08	0.2	0.18	6	-99	0.5	2	0.41	0.5	6	78	-99	4	0.84	-99	1	0.07	52	0.06
At-09	0.2	0.26	5	-99	0.5	2	0.01	0.5	1	156	-99	14	0.94	-99	1	0.15	10	0.01
At-10	0.2	0.09	6	-99	0.5	2	0.06	0.5	2	283	-99	4	1.03	-99	1	0.05	10	0.01
27301	1.2	0.41	5	-99	0.6	2	1.68	0.5	5	67	-99	12	1.82	-99	1	0.26	47	0.22
27302	0.2	0.45	6	-99	0.6	2	1.76	0.5	9	82	-99	17	2.17	-99	1	0.32	54	0.24
27303	0.2	0.80	5	-99	0.5	2	2.60	0.5	20	70	-99	40	2.5	-99	1	0.50	10	0.50
27304	0.2	0.60	8	-99	0.6	6	0.65	0.5	7	249	-99	11	1.4	-99	1	0.35	60	0.11
27305	0.2	0.80	5	-99	0.8	2	1.82	0.5	7	128	-99	9	1.63	-99	1	0.27	54	0.51
27306	3.6	2.67	7	-99	2.0	2	4.00	0.5	48	42	-99	365	10.01	-99	1	1.11	20	2.46
27307	1.5	2.69	5	-99	1.5	2	3.37	0.5	46	82	-99	61	9.81	-99	1	0.73	24	2.02

SampleNum	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct
27308	3.7	0.47	5	-99	0.5	2	1.45	0.5	7	60	-99	44	1.64	-99	1	0.37	41	0.25
27309	0.2	0.56	6	-99	0.5	2	1.47	0.5	6	123	-99	37	1.87	-99	1	0.36	54	0.18
27310	0.2	0.24	5	-99	0.5	2	0.10	0.5	10	157	-99	28	1.23	-99	1	0.16	21	0.01
27311	0.2	2.78	5	-99	0.5	2	0.19	0.5	201	284	-99	1149	10.01	-99	1	0.27	14	1.43
27312	0.2	0.69	5	-99	1.0	3	2.89	0.5	10	77	-99	8	2.56	-99	1	0.14	58	0.53
27313	0.9	0.13	7	-99	0.5	2	0.10	0.5	6	437	-99	17	1.03	-99	1	0.05	10	0.02
27314	1.3	0.45	6	-99	0.8	3	4.29	0.5	25	44	-99	101	3.98	-99	1	0.31	10	1.59
27315	0.2	0.58	5	-99	0.5	2	0.59	0.5	3	164	-99	7	0.69	-99	1	0.34	10	0.05
27316	0.3	0.13	5	-99	0.5	2	0.36	0.5	3	372	-99	7	0.67	-99	1	0.06	10	0.07
27317	2.5	0.18	5	-99	0.5	5	0.05	0.5	5	350	-99	10001	2.61	-99	1	0.03	10	0.03
27318	0.2	0.33	5	-99	0.5	2	1.30	0.5	11	76	-99	136	1.02	-99	1	0.16	50	0.19
27319	0.2	0.26	5	-99	0.5	2	0.11	0.5	1	213	-99	15	0.31	-99	1	0.10	10	0.04
28060	4	1.04	5	-99	1.0	2	2.88	0.5	7	110	-99	7	1.91	-99	1	0.36	61	0.81
28061	0.2	0.25	5	-99	0.5	2	0.57	0.5	1	98	-99	11	1.23	-99	1	0.17	74	0.08
28062	0.2	1.16	5	-99	0.6	2	2.26	0.5	20	146	-99	25	4.24	-99	1	0.18	16	1.00
28063	0.2	1.78	5	-99	0.5	2	0.87	0.5	35	67	-99	226	6.44	-99	1	0.16	14	1.37
28064	0.2	0.79	5	-99	1.0	2	2.82	0.5	9	62	-99	120	2.76	-99	1	0.52	221	0.90
28065	0.2	0.41	5	-99	0.6	2	1.57	0.5	5	74	-99	18	1.66	-99	1	0.13	115	0.29
28066	0.2	1.94	5	-99	0.5	2	0.99	0.5	32	365	-99	1099	3.82	-99	1	0.05	17	2.34
28067	0.2	0.75	5	-99	0.5	2	1.37	0.5	21	309	-99	118	3	-99	1	0.04	10	0.73
28068	0.2	1.25	5	-99	0.5	2	1.21	0.5	64	30	-99	701	9.86	-99	1	0.08	19	1.24

SampleNum	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct
28069	0.2	0.84	5	-99	0.5	2	1.07	0.5	5	120	-99	12	3.17	-99	1	0.16	89	0.49
28070	0.2	1.44	5	-99	0.5	2	0.65	0.5	21	208	-99	335	3.83	-99	1	0.37	17	0.91
R19601	2.8	0.84	1	-99	5.0	0.09	6.10	0.3	61	21	0.5	110	9.09	7	11	0.83	10.2	2.78
R19604	3.5	0.62	-0.1	-99	4.0	0.04	2.12	0.1	15	5	0.3	12	2.7	3	-5	0.31	60.2	0.53
R19827	0.7	0.15	0	-99	-1	0.06	0.13	0	2	3	0.2	19	0.58	1	-5	0.11	13.1	0.06
R11087	0.6	0.55	0	-99	-1	-0.02	0.70	0.1	4	14	-0.1	931	0.94	2	6	-0.01	1.4	0.11
R19801	4.8	0.20	0	-99	1.0	10.34	0.01	0	1	3	-0.1	13	0.61	1	-5	0.14	15.1	0.06
R19605	1	0.06	0	-99	1.0	0.53	0.12	0	3	3	-0.1	406	1.33	0	-5	0.03	2.1	0.01
R19802	100	0.05	0	-99	-1	0.24	0.19	0	3	4	-0.1	7	0.94	0	69	0.02	2.7	0.04
R11088	0.3	0.47	0	-99	-99	0.02	0.65	0.4	3	13	-99	418	0.79	1	-5	-0.01	-0.5	0.18
R19602	0.1	1.17	0	-99	-99	-0.02	1.58	0.1	37	7	-99	53	5.28	9	-5	0.36	27.5	1.13
R19603	0.1	0.05	0	-99	-99	-0.02	0.18	0	1	3	-99	4	0.81	0	-5	0.02	7.9	0.03
R19606	1.4	0.10	0	-99	-99	2.5	0.18	0	1	4	-99	332	0.64	0	-5	0.08	15.6	0.01
R19828	0.1	0.01	0	-99	-99	0.03	-0.01	0	0	4	-99	4	0.6	0	-5	-0.01	-0.5	-0.01
R19829	0.5	0.02	0	-99	-99	0.49	0.01	0	1	4	-99	3	0.61	0	-5	0.01	-0.5	0.01
R19753	0.7	0.88	-0.1	-99	-99	0.12	2.41	0.1	18	3	-99	7	2.38	2	-5	0.28	30.6	0.45
R19754	0	0.04	0	-99	-99	0.02	0.03	0	0	4	-99	2	0.31	0	-5	0.02	0.7	0.01
R19755	1.8	0.08	0	-99	-99	1.5	0.09	0	3	4	-99	31	1.05	0	6	0.05	2.2	0.01
R19756	0	0.01	0	-99	-99	-0.02	0.02	0	0	6	-99	1	0.24	-0.1	-5	-0.01	-0.5	0.01
R19757	0	0.01	0	-99	-99	-0.02	0.01	0	0	5	-99	0	0.21	-0.1	10	-0.01	-0.5	0.01

SampleNum	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct
R19758	6.3	0.03	0	-99	-99	10.15	0.04	0	0	4	-99	344	0.4	0	6	0.02	3.5	-0.01
R19759	1.1	0.63	-0.1	-99	-99	0.28	10.53	0.8	25	2	-99	290	5.03	3	7	0.41	147	2.26
R19760	93.8	0.04	-0.1	-99	-99	131.5	0.11	0.3	1	4	-99	10001	1.61	0	-5	0.02	7.5	0.01
R19761	0.6	0.01	0	-99	-99	0.67	0.01	0	1	4	-99	30	0.3	-0.1	-5	0.01	2.7	-0.01
R12808	2.7	0.45	4	-99	-99	0.23	0.29	0.3	4	9	-99	12	2.05	1	54	0.26	24.7	0.10
R12809	0.3	1.50	2	-99	-99	16.16	2.07	0.3	14	9	-99	131	3.28	4	5	0.39	73.9	0.96
R12810	0.1	0.46	1	-99	-99	1.7	0.59	0	4	12	-99	17	0.87	1	-5	0.21	32.2	0.17
R12811	0.1	0.10	1	-99	-99	0.37	0.23	0	2	19	-99	10	0.57	0	-5	0.06	12.7	0.04
103101	0.5	1.66	8	-99	-99	6	2.61	-0.2	43	25	-99	122	8.68	-99	-99	0.74	27	2.07
103102	1.1	0.83	5	-99	-99	2	1.96	-0.2	25	30	-99	46	5.62	-99	-99	0.49	9.0	1.37
103103	0.6	2.08	14	-99	-99	-2	1.93	-0.2	47	37	-99	136	9.63	-99	-99	0.90	25	2.60
103104	1.7	1.37	-2	-99	-99	-2	1.15	-0.2	40	37	-99	72	8.58	-99	-99	0.47	21	1.52
103105	0.5	2.83	6	-99	-99	-2	5.17	-0.2	54	12	-99	81	8.86	-99	-99	0.99	18	3.52
103106	0.7	2.86	6	-99	-99	5	4.30	-0.2	62	12	-99	90	10.2	-99	-99	1.50	17	3.64
103107	2.9	1.13	5	-99	-99	8	5.29	-0.2	51	18	-99	188	7.87	-99	-99	0.40	6.0	2.35
103108	0.5	0.79	-2	-99	-99	4	2.20	0.3	13	43	-99	66	3.16	-99	-99	0.43	67	1.02
103109	1	0.51	-2	-99	-99	8	1.84	0.3	9	11	-99	28	2.61	-99	-99	0.40	95	0.47
103110	-0.3	0.69	-2	-99	-99	-2	2.56	0.3	7	14	-99	8	1.9	-99	-99	0.54	97	0.92
103111	1.9	1.56	8	-99	-99	3	4.21	0.4	45	37	-99	118	7.62	-99	-99	0.72	22	2.69
103112	2.6	1.52	3	-99	-99	-2	4.09	0.6	39	27	-99	99	8.84	-99	-99	0.97	19	2.47

SampleNum	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct
103113	-0.3	0.07	-2	-99	-99	4	0.28	-0.2	2	22	-99	11	1.04	-99	-99	0.02	1.0	0.10
103114	1	1.99	10	-99	-99	2	4.31	-0.2	43	71	-99	107	9.75	-99	-99	1.15	18	2.96
103115	1.6	2.40	3	-99	-99	-2	3.43	1.1	44	40	-99	162	8.17	-99	-99	0.82	26	2.70
103116	0.3	2.53	-2	-99	-99	-2	3.19	0.6	33	143	-99	66	7.81	-99	-99	0.58	16	2.95
103117	2.6	1.20	2	-99	-99	-2	3.01	0.9	33	16	-99	70	7.13	-99	-99	0.39	7.0	1.98
103118	-0.3	1.48	3	-99	-99	-2	2.12	1.0	47	21	-99	80	7.64	-99	-99	0.73	12	1.81
103119	6.3	1.62	-2	-99	-99	-2	3.73	1.2	55	19	-99	89	9.58	-99	-99	0.64	11	2.65
103120	0.3	2.11	-2	-99	-99	-2	1.94	1.0	51	24	-99	88	8.56	-99	-99	1.12	14	2.57
103121	5.4	1.34	4	-99	-99	-2	3.10	0.4	40	21	-99	43	7.6	-99	-99	0.35	5.0	1.97
103122	0.3	2.07	-2	-99	-99	-2	2.09	0.6	54	24	-99	98	8.65	-99	-99	1.23	14	2.53
103123	4.2	0.08	3	-99	-99	-2	0.32	0.5	6	24	-99	20	3.15	-99	-99	0.02	1.0	0.09
103124	0.8	3.41	-2	-99	-99	-2	2.67	0.7	52	17	-99	45	11.3	-99	-99	0.93	19	3.73
103125	0.7	3.41	-2	-99	-99	3	3.38	0.5	54	19	-99	55	11.1	-99	-99	0.86	20	3.77
103126	2.6	1.47	-2	-99	-99	-2	2.62	0.5	34	15	-99	49	7.24	-99	-99	0.40	6.0	2.10
103127	0.3	2.00	-2	-99	-99	-2	2.97	0.7	48	16	-99	90	8.84	-99	-99	1.33	15	2.47
103128	2.4	1.18	2	-99	-99	-2	2.19	0.2	24	18	-99	266	5.09	-99	-99	0.20	7.0	1.42
RE-103101	0.5	1.63	-2	-99	-99	-2	2.55	-0.2	42	23	-99	118	8.58	-99	-99	0.72	26	2.03
RRE-103101	0.5	1.73	4	-99	-99	2	2.55	-0.2	44	24	-99	111	8.72	-99	-99	0.74	27	2.19
TG-AOT2-007	-0.3	0.35	8	-99	-99	-2	0.30	0.3	2	9	-99	11	3.73	-99	-99	0.12	45	0.08
TG-AOT2-008	0.4	4.99	-2	-99	-99	-2	2.21	0.7	47	146	-99	358	5.86	-99	-99	0.37	6.0	2.27

SampleNum	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct
TS-AOT2-023	0.4	2.99	6	-99	-99	-2	1.24	0.6	42	214	-99	660	6.42	-99	-99	0.06	3.0	1.39
DC-AOT2-011	-0.3	1.94	-2	-99	-99	-2	1.18	-0.2	23	117	-99	48	4.36	-99	-99	0.10	7.0	2.07
DC-AOT2-013	-0.3	0.93	-2	-99	-99	-2	0.16	-0.2	4	17	-99	64	2.77	-99	-99	0.27	9.0	0.62
HW-AOT2-009	0.3	2.90	-2	-99	-99	-2	1.73	-0.2	33	53	-99	171	8.45	-99	-99	0.42	10	2.24
RE-TS-AOT2-038	3.8	0.29	-2	-99	-99	6	0.48	0.4	11	23	-99	43	2.34	-99	-99	0.19	61	0.09
RRE-TS-AOT2-038	4.1	0.30	2	-99	-99	5	0.51	-0.2	12	21	-99	52	2.58	-99	-99	0.19	57	0.10
TS-A0T2-026	0.8	0.58	2	-99	-99	14	0.12	-0.2	43	15	-99	2654	4.34	-99	-99	0.09	2.0	0.21
TS-A0T2-037	1.4	0.97	2	-99	-99	7	5.49	-0.2	9	29	-99	5	2.65	-99	-99	0.33	128	1.27
TS-AOT2-024	-0.3	1.00	-2	-99	-99	-2	1.36	-0.2	10	33	-99	468	4.37	-99	-99	0.03	2.0	0.20
TS-AOT2-025	-0.3	1.97	10	-99	-99	-2	1.23	-0.2	30	25	-99	45	8.75	-99	-99	0.17	22	1.77
TS-AOT2-034	1	0.93	-2	-99	-99	-2	5.41	0.4	43	8	-99	90	8.57	-99	-99	0.65	15	2.35
TS-AOT2-035	1.4	0.34	-2	-99	-99	2	1.43	-0.2	6	13	-99	7	2.1	-99	-99	0.20	74	0.11
TS-AOT2-036	-0.3	0.49	-2	-99	-99	-2	1.78	-0.2	6	7	-99	6	1.2	-99	-99	0.29	116	0.19
TS-AOT2-038	3.9	0.30	-2	-99	-99	7	0.48	0.2	11	23	-99	44	2.35	-99	-99	0.19	62	0.09
TS-AOT2-039	1.5	0.27	2	-99	-99	-2	0.19	0.2	75	15	-99	15	5.49	-99	-99	0.20	13	0.06
TS-AOT2-040	4.1	0.59	21	-99	-99	-2	0.72	0.2	26	21	-99	31	6.6	-99	-99	0.02	2.0	0.76
103129	2.9	2.46	-2	-99	-99	-2	4.23	0.7	56	28	-99	127	10.6	-99	-99	0.56	14	3.07

SampleNum	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sr_ppm	Se_ppm	Te_ppm	Ti_pct	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Sn_ppm	U_ppm
316851	200	1	0.04	97	790	54	6	8	8	-99	-99	0.1	-10	93	-10	78	-99	-10
316852	155	-1	-0.01	12	290	44	2	-1	39	-99	-99	-0.01	-10	3	-10	20	-99	-10
316853	185	8	0.01	29	60	110	-2	1	31	-99	-99	-0.01	-10	9	-10	352	-99	-10
316854	175	-1	0.1	15	540	8	-2	5	176	-99	-99	0.4	-10	266	-10	90	-99	-10
316855	35	-1	0.01	2	570	16	-2	-1	10	-99	-99	-0.01	-10	3	-10	16	-99	-10
316856	515	-1	0.07	51	120	2	-2	7	10	-99	-99	0.07	-10	151	-10	38	-99	-10
316857	1465	-1	-0.01	296	1040	6	-2	10	1530	-99	-99	-0.01	-10	73	-10	168	-99	-10
316858	210	-1	0.03	7	1140	338	-2	-1	314	-99	-99	-0.01	-10	7	-10	14	-99	-10
316859	780	-1	0.03	23	4450	8	-2	4	726	-99	-99	-0.01	-10	14	-10	44	-99	-10
316860	160	-1	0.04	183	360	8	-2	2	296	-99	-99	0.2	-10	138	-10	40	-99	-10
316861	65	-1	0.08	2	60	10	-2	-1	120	-99	-99	0.02	-10	6	-10	10	-99	-10
316862	410	-1	-0.01	24	1320	-2	-2	15	391	-99	-99	0.17	-10	270	-10	114	-99	-10
316863	540	-1	0.01	68	2730	182	-2	4	1485	-99	-99	0.01	-10	20	-10	62	-99	-10
316864	110	-1	0.06	11	700	14	-2	1	220	-99	-99	0.12	-10	26	-10	24	-99	-10
316865	20	-1	0.01	4	10	-2	-2	-1	24	-99	-99	-0.01	-10	1	-10	-2	-99	-10
316866	410	1	0.01	11	2470	18	-2	1	381	-99	-99	-0.01	-10	6	-10	24	-99	-10
316867	150	-1	0.03	273	830	6	-2	1	109	-99	-99	0.19	-10	46	-10	42	-99	-10
316868	215	-1	0.03	65	790	-2	-2	1	228	-99	-99	0.13	-10	16	-10	42	-99	-10
316869	25	-1	-0.01	5	330	344	-2	-1	36	-99	-99	-0.01	-10	1	-10	2	-99	-10
316870	160	-1	0.05	258	800	18	-2	3	115	-99	-99	0.21	-10	84	-10	42	-99	-10
316871	90	-1	0.06	9	4340	34	-2	-1	509	-99	-99	0.09	-10	27	-10	16	-99	-10
316872	585	-1	-0.01	127	160	94	-2	-1	909	-99	-99	0.09	-10	35	-10	46	-99	-10
316873	60	1	0.04	10	550	16	-2	-1	189	-99	-99	0.08	-10	10	-10	16	-99	-10
316874	170	-1	0.04	6	410	12	-2	1	99	-99	-99	-0.01	-10	7	-10	10	-99	10
316875	285	7	0.07	140	180	-2	-2	4	20	-99	-99	0.07	-10	60	-10	46	-99	-10

SampleNum	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sr_ppm	Se_ppm	Te_ppm	Ti_pct	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Sn_ppm	U_ppm
316876	435	-1	-0.01	11	2410	18	-2	-1	235	-99	-99	-0.01	-10	5	-10	22	-99	-10
316877	25	-1	0.01	5	650	4	-2	-1	66	-99	-99	-0.01	-10	5	-10	8	-99	-10
316878	135	-1	0.01	9	1210	26	-2	-1	103	-99	-99	-0.01	-10	6	-10	16	-99	-10
2	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
3	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
4	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
5	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
6	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
7	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
8	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
9	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
10	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
11	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
12	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
I	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
II	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
III	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
IV	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
V	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
VI	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
VII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
VIII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
IX	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
X	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
XI	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
XII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
XIII	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
AR96-04-32m	-99	-99	-99	-99	1178	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
AR96-01-6.5m	-99	-99	-99	-99	305	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
AR96-05-26.7m	-99	-99	-99	-99	524	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
108655	545	8	0.02	62	1610	8	-2	18	-99	-99	-99	0.26	-10	289	-10	94	-99	-99
108651	930	-1	0.01	49	1550	10	-2	26	-99	-99	-99	0.21	-10	352	-10	120	-99	-99
108654	1225	4	0.01	46	1340	8	-2	28	-99	-99	-99	0.13	-10	270	-10	104	-99	-99
108603	180	-1	0.11	17	1150	2	-2	3	-99	-99	-99	0.21	-10	170	-10	56	-99	-99
108604	405	-1	0.17	957	1010	20	-2	8	-99	-99	-99	0.2	-10	120	-10	58	-99	-99
108617	105	-1	0.01	11	150	2	-2	-1	-99	-99	-99	-0.01	-10	7	-10	8	-99	-99

SampleNum	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sr_ppm	Se_ppm	Te_ppm	Ti_pct	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Sn_ppm	U_ppm
108601	510	-1	0.02	16	4180	2	-2	12	-99	-99	-99	0.21	-10	309	-10	136	-99	-99
108602	495	-1	-0.01	20	1590	2	-2	19	-99	-99	-99	0.13	-10	241	-10	82	-99	-99
108653	795	2	0.01	39	700	26	-2	12	-99	-99	-99	0.05	-10	90	-10	74	-99	-99
108605	415	-1	0.08	22	2280	8	-2	5	-99	-99	-99	0.01	-10	24	-10	42	-99	-99
108606	185	-1	0.01	6	980	2	-2	-1	-99	-99	-99	-0.01	-10	4	-10	12	-99	-99
108607	20	1	0.01	5	210	14	-2	-1	-99	-99	-99	-0.01	-10	8	-10	2	-99	-99
108608	5	1	0.07	1	320	14	-2	-1	-99	-99	-99	-0.01	-10	4	-10	2	-99	-99
108609	75	1	-0.01	6	640	56	-2	-1	-99	-99	-99	-0.01	-10	4	-10	6	-99	-99
108610	290	-1	0.11	11	1760	12	2	2	-99	-99	-99	-0.01	-10	11	-10	22	-99	-99
108611	455	-1	0.04	12	2880	26	-2	2	-99	-99	-99	-0.01	-10	12	-10	34	-99	-99
108612	200	-1	0.01	6	1930	46	-2	-1	-99	-99	-99	-0.01	-10	4	-10	8	-99	-99
108613	360	-1	0.05	15	2210	22	-2	1	-99	-99	-99	-0.01	-10	11	-10	32	-99	-99
108614	215	-1	-0.01	9	1760	12	-2	-1	-99	-99	-99	-0.01	-10	7	-10	20	-99	-99
108615	165	1	0.01	8	840	222	-2	-1	-99	-99	-99	-0.01	-10	7	-10	12	-99	-99
108616	160	-1	0.04	7	1360	2	-2	1	-99	-99	-99	-0.01	-10	16	-10	40	-99	-99
108618	20	-1	0.03	4	10	-2	-2	-1	-99	-99	-99	-0.01	-10	3	-10	2	-99	-99
108656	95	-1	0.01	7	830	1315	-2	-1	-99	-99	-99	-0.01	-10	7	-10	10	-99	-99
108657	35	-1	-0.01	6	980	2	-2	-1	-99	-99	-99	-0.01	-10	5	-10	4	-99	-99
108658	70	-1	-0.01	6	60	-2	-2	-1	-99	-99	-99	-0.01	-10	3	-10	2	-99	-99
108652	995	1	0.01	34	1090	10	-2	13	-99	-99	-99	0.03	-10	77	-10	68	-99	-99
AU-01	39	6	0.11	8	-99	7	5	-99	-99	-99	-99	0.01	-99	11	10	19	10	-99
AU-02	469	4	0.19	12	-99	8	5	-99	-99	-99	-99	0.01	-99	18	10	14	10	-99
AU-03	435	4	0.15	13	-99	13	5	-99	-99	-99	-99	0.01	-99	12	10	21	10	-99
AU-04	5	13	0.13	5	-99	20	5	-99	-99	-99	-99	0.01	-99	2	10	4	10	-99
AU-05	488	4	0.16	9	-99	20	5	-99	-99	-99	-99	0.01	-99	3	10	26	10	-99
AU-06	547	7	0.14	15	-99	34	5	-99	-99	-99	-99	0.01	-99	6	10	12	10	-99

SampleNum	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sr_ppm	Se_ppm	Te_ppm	Ti_pct	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Sn_ppm	U_ppm
AU-07	410	7	0.13	12	-99	12	5	-99	-99	-99	-99	0.01	-99	5	10	23	10	-99
AU-08	36	15	0.1	6	-99	9	5	-99	-99	-99	-99	0.01	-99	1	10	1	10	-99
AU-09	165	14	0.11	9	-99	20	5	-99	-99	-99	-99	0.01	-99	2	10	7	10	-99
AU-10	186	9	0.11	7	-99	15	5	-99	-99	-99	-99	0.01	-99	3	10	7	10	-99
AU-11	15	19	0.11	7	-99	2201	5	-99	-99	-99	-99	0.01	-99	1	10	1	10	-99
AU-12	275	9	0.16	10	-99	18	5	-99	-99	-99	-99	0.01	-99	5	10	12	10	-99
AU-13	155	8	0.16	12	-99	15	5	-99	-99	-99	-99	0.01	-99	3	10	5	10	-99
AU-14	148	14	0.11	12	-99	95	5	-99	-99	-99	-99	0.01	-99	3	10	8	10	-99
AU-15	419	6	0.12	12	-99	6	5	-99	-99	-99	-99	0.01	-99	5	10	17	10	-99
AU-16	419	6	0.14	13	-99	19	5	-99	-99	-99	-99	0.01	-99	6	10	14	10	-99
AU-17	681	3	0.12	19	-99	13	5	-99	-99	-99	-99	0.01	-99	6	10	21	10	-99
AU-18	490	6	0.2	20	-99	11	5	-99	-99	-99	-99	0.01	-99	6	10	16	10	-99
AU-19	302	9	0.17	15	-99	16	5	-99	-99	-99	-99	0.01	-99	6	10	8	10	-99
AU-20	169	10	0.12	15	-99	20	5	-99	-99	-99	-99	0.01	-99	5	10	6	10	-99
AU-21	17	17	0.12	7	-99	10	5	-99	-99	-99	-99	0.01	-99	2	10	1	10	-99
AU-22	349	11	0.11	22	-99	9	5	-99	-99	-99	-99	0.01	-99	10	10	10	10	-99
AU-23	137	17	0.11	14	-99	55	5	-99	-99	-99	-99	0.01	-99	5	10	4	10	-99
AU-24	729	2	0.13	15	-99	19	5	-99	-99	-99	-99	0.01	-99	39	10	16	10	-99
AU-25	154	12	0.15	10	-99	7	5	-99	-99	-99	-99	0.01	-99	5	10	5	10	-99
AU-26	159	8	0.15	10	-99	9	5	-99	-99	-99	-99	0.01	-99	4	10	8	10	-99
AU-27	205	8	0.15	11	-99	11	5	-99	-99	-99	-99	0.01	-99	4	10	10	10	-99
AU-28	22	23	0.12	12	-99	845	5	-99	-99	-99	-99	0.01	-99	1	10	1	10	-99
AU-29	222	8	0.16	8	-99	10	5	-99	-99	-99	-99	0.01	-99	5	10	4	10	-99
AU-30	126	15	0.15	8	-99	12	5	-99	-99	-99	-99	0.01	-99	4	10	1	10	-99
AU-31	563	6	0.18	12	-99	7	5	-99	-99	-99	-99	0.01	-99	10	10	16	10	-99
AU-32	31	22	0.13	9	-99	13	5	-99	-99	-99	-99	0.01	-99	1	10	1	10	-99

SampleNum	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sr_ppm	Se_ppm	Te_ppm	Ti_pct	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Sn_ppm	U_ppm
AU-33	716	5	0.17	22	-99	16	5	-99	-99	-99	-99	0.01	-99	8	10	11	10	-99
AU-34	930	4	0.13	46	-99	6	5	-99	-99	-99	-99	0.01	-99	8	10	29	10	-99
AU-35	22	19	0.11	7	-99	72	5	-99	-99	-99	-99	0.01	-99	1	10	1	10	-99
AU-36	236	16	0.12	37	-99	50	5	-99	-99	-99	-99	0.01	-99	18	10	60	10	-99
At-01	226	6	0.13	10	-99	6	5	-99	-99	-99	-99	0.01	-99	8	10	18	37	-99
At-02	352	5	0.14	7	-99	6	5	-99	-99	-99	-99	0.01	-99	9	10	11	26	-99
At-03	467	5	0.14	12	-99	4	5	-99	-99	-99	-99	0.02	-99	10	10	36	33	-99
At-04	316	12	0.14	16	-99	2	5	-99	-99	-99	-99	0.01	-99	5	10	18	29	-99
At-05	114	12	0.15	7	-99	5	5	-99	-99	-99	-99	0.01	-99	3	10	8	20	-99
At-06	20	10	0.13	7	-99	17	5	-99	-99	-99	-99	0.04	-99	4	16	8	20	-99
At-07	23	9	0.14	9	-99	12	5	-99	-99	-99	-99	0.05	-99	5	10	9	20	-99
At-08	39	4	0.1	10	-99	5	5	-99	-99	-99	-99	0.05	-99	12	10	9	20	-99
At-09	15	10	0.15	5	-99	3	5	-99	-99	-99	-99	0.01	-99	10	10	4	20	-99
At-10	36	18	0.1	13	-99	8	5	-99	-99	-99	-99	0.01	-99	1	13	5	26	-99
27301	477	5	0.14	19	-99	18	5	-99	-99	-99	-99	0.01	-99	2	10	19	20	-99
27302	581	5	0.11	16	-99	19	5	-99	-99	-99	-99	0.01	-99	7	10	21	32	-99
27303	490	1	0.01	50	-99	30	5	-99	-99	-99	-99	0.01	-99	1	10	7	350	-99
27304	396	16	0.16	19	-99	8	5	-99	-99	-99	-99	0.01	-99	3	10	13	20	-99
27305	358	1	0.18	12	-99	19	5	-99	-99	-99	-99	0.02	-99	15	10	23	56	-99
27306	954	2	0.16	75	-99	7	5	-99	-99	-99	-99	0.1	-99	202	10	118	99	-99
27307	611	7	0.15	49	-99	5	5	-99	-99	-99	-99	0.05	-99	175	10	74	70	-99

SampleNum	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sr_ppm	Se_ppm	Te_ppm	Ti_pct	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Sn_ppm	U_ppm
27308	368	5	0.11	17	-99	10	5	-99	-99	-99	-99	0.01	-99	3	10	6	30	-99
27309	429	7	0.18	12	-99	7	5	-99	-99	-99	-99	0.01	-99	5	10	13	24	-99
27310	21	11	0.16	7	-99	9	5	-99	-99	-99	-99	0.03	-99	5	10	3	20	-99
27311	261	11	0.19	170	-99	14	5	-99	-99	-99	-99	0.08	-99	84	10	59	21	-99
27312	515	5	0.15	15	-99	14	5	-99	-99	-99	-99	0.01	-99	14	10	45	20	-99
27313	73	28	0.14	19	-99	6	5	-99	-99	-99	-99	0.01	-99	2	10	2	20	-99
27314	934	2	0.12	75	-99	4	5	-99	-99	-99	-99	0.01	-99	3	10	42	20	-99
27315	132	13	0.15	8	-99	2	5	-99	-99	-99	-99	0.01	-99	2	10	6	40	-99
27316	127	26	0.13	9	-99	4	5	-99	-99	-99	-99	0.01	-99	2	10	3	20	-99
27317	28	25	0.14	14	-99	2	5	-99	-99	-99	-99	0.01	-99	2	10	18	20	-99
27318	104	5	0.18	15	-99	8	5	-99	-99	-99	-99	0.01	-99	5	10	11	20	-99
27319	32	12	0.2	5	-99	4	5	-99	-99	-99	-99	0.01	-99	2	10	5	20	-99
28060	525	6	0.22	13	-99	9	5	-99	-99	-99	-99	0.01	-99	9	10	27	20	-99
28061	72	1	0.19	7	-99	26	5	-99	-99	-99	-99	0.09	-99	26	10	6	20	-99
28062	570	1	0.21	23	-99	2	5	-99	-99	-99	-99	0.06	-99	43	10	66	20	-99
28063	343	1	0.22	58	-99	2	5	-99	-99	-99	-99	0.1	-99	192	10	52	20	-99
28064	268	1	0.26	14	-99	14	5	-99	-99	-99	-99	0.01	-99	35	10	54	20	-99
28065	121	1	0.19	13	-99	20	5	-99	-99	-99	-99	0.02	-99	19	10	22	20	-99
28066	380	1	0.17	389	-99	2	5	-99	-99	-99	-99	0.22	-99	73	10	86	20	-99
28067	150	1	0.2	112	-99	944	5	-99	-99	-99	-99	0.22	-99	89	10	21	20	-99
28068	213	1	0.25	220	-99	25	5	-99	-99	-99	-99	0.34	-99	347	13	51	20	-99

SampleNum	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sr_ppm	Se_ppm	Te_ppm	Ti_pct	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Sn_ppm	U_ppm
28069	183	1	0.23	6	-99	5	5	-99	-99	-99	-99	0.04	-99	34	10	46	20	-99
28070	187	9	0.25	66	-99	8	5	-99	-99	-99	-99	0.19	-99	63	10	115	20	-99
R19601	1451	1.04	0.015	61	960	13.41	0.13	10.9	-99	0.5	1.70	0.1	0.18	109	0.4	91.9	2	-99
R19604	558	0.2	0.014	17	3710	16.13	0.04	1.8	-99	0.2	2.82	0.006	0.06	11	0.2	46.7	1	-99
R19827	87	0.27	0.043	2.2	87	13.28	0.03	0.3	-99	-0.1	0.62	0.008	0.82	3	-0.1	7.2	-1	-99
R11087	70	0.98	0.004	7.4	131	4.37	0.08	1	-99	0.6	0.03	0.052	-0.02	14	-0.1	15.3	-1	-99
R19801	61	0.63	0.012	1.3	-99	204.35	0.04	0.1	-99	0.4	1.46	-0.001	0.03	3	-0.1	7.9	-1	-99
R19605	115	0.19	0.006	4.3	44	7.65	0.06	0.3	-99	0.1	0.85	0.001	-0.02	2	-0.1	4.2	-1	-99
R19802	128	0.22	0.007	5.6	87	85.28	0.05	0.3	-99	-0.1	101	0.002	0.03	-2	-0.1	5.2	-1	-99
R11088	96	0.81	0.002	5.9	-99	8.68	0.05	0.6	-99	0.2	0.11	0.016	-0.2	9	-0.1	93.2	-99	-99
R19602	255	0.78	0.127	16.5	-99	3.29	0.05	3.8	-99	0.2	-0.02	0.296	0.06	179	-0.1	73.5	-99	-99
R19603	164	0.27	0.005	2.2	-99	1.48	0.07	0.4	-99	0.1	0.07	0.002	-0.2	2	-0.1	8.5	-99	-99
R19606	87	0.25	0.004	1.5	-99	92.44	0.05	0.2	-99	0.1	0.76	0.002	-0.2	2	-0.1	3.1	-99	-99
R19828	63	0.18	0.007	1	-99	1.09	0.07	-0.1	-99	-0.1	0.05	-0.001	-0.02	2	-0.1	1.3	-99	-99
R19829	74	0.23	0.005	2.2	-99	154.04	0.12	0.1	-99	0.1	0.39	-0.001	-0.02	2	-0.1	4	-99	-99
R19753	387	0.19	0.005	23.4	-99	3.9	0.02	1.3	-99	0.2	0.54	0.004	0.04	6	-0.1	37.1	-99	-99
R19754	50	0.33	0.006	0.9	-99	1.09	0.04	0.1	-99	-0.1	-0.02	0.001	-0.02	-2	-0.1	2.4	-99	-99
R19755	60	0.29	0.004	4.2	-99	12.55	0.05	0.2	-99	-0.1	1.79	0.001	-0.02	-2	-0.1	3	-99	-99
R19756	31	0.3	0.005	1	-99	0.77	0.02	0.1	-99	-0.1	0.02	-0.001	-0.02	-2	-0.1	2.6	-99	-99
R19757	29	0.23	0.004	1	-99	0.75	0.02	0.1	-99	-0.1	-0.02	-0.001	-0.02	-2	-0.1	1.8	-99	-99

SampleNum	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sr_ppm	Se_ppm	Te_ppm	Ti_pct	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Sn_ppm	U_ppm
R19758	39	0.37	0.004	1	-99	909.78	0.02	0.1	-99	0.4	1.91	-0.001	-0.02	-2	-0.1	2.8	-99	-99
R19759	1524	0.17	0.007	20.9	-99	40.02	0.05	4.8	-99	0.3	0.76	0.013	0.06	10	0.4	93.3	-99	-99
R19760	68	0.37	0.004	3.3	-99	10001	0.04	0.1	-99	7.1	26.26	0.001	0.04	-2	-0.1	9.5	-99	-99
R19761	33	0.22	0.003	1.2	-99	71.79	0.02	0.1	-99	-0.1	0.26	-0.001	-0.02	-2	-0.1	1.5	-99	-99
R12808	139	3.29	0.021	6.7	-99	59.02	3.48	0.6	-99	0.7	0.16	-99	0.38	-99	0.2	13.6	-99	-99
R12809	450	0.5	0.019	15.9	-99	6.2	0.15	1.4	-99	0.2	0.31	-99	0.06	-99	3.9	107.8	-99	-99
R12810	128	0.29	0.006	5.8	-99	1.96	0.14	0.6	-99	-0.1	0.08	-99	0.04	-99	0.7	21.8	-99	-99
R12811	116	0.46	0.007	3.4	-99	4.24	0.05	0.4	-99	-0.1	0.09	-99	-0.02	-99	0.3	7.4	-99	-99
103101	457	1	0.03	153	-99	13	-2	-99	-99	-99	-99	0.38	-99	287	7	87	-99	-99
103102	579	2	0.02	64	-99	16	-2	-99	-99	-99	-99	0.09	-99	134	11	67	-99	-99
103103	615	1	0.02	130	-99	13	-2	-99	-99	-99	-99	0.3	-99	293	7	116	-99	-99
103104	706	1	0.01	94	-99	117	-2	-99	-99	-99	-99	0.1	-99	252	8	104	-99	-99
103105	635	1	0.01	75	-99	5	-2	-99	-99	-99	-99	0.17	-99	310	7	121	-99	-99
103106	704	-1	0.01	76	-99	-3	-2	-99	-99	-99	-99	0.24	-99	332	5	139	-99	-99
103107	861	1	0.01	100	-99	32	2	-99	-99	-99	-99	0.06	-99	156	8	95	-99	-99
103108	417	1	0.01	46	-99	16	-2	-99	-99	-99	-99	0.07	-99	60	5	47	-99	-99
103109	378	1	0.02	14	-99	10	-2	-99	-99	-99	-99	0.03	-99	21	4	44	-99	-99
103110	426	1	0.03	26	-99	20	-2	-99	-99	-99	-99	0.07	-99	22	4	57	-99	-99
103111	963	1	0.01	98	-99	14	-2	-99	-99	-99	-99	0.16	-99	165	8	100	-99	-99
103112	942	-1	0.01	60	-99	5	-2	-99	-99	-99	-99	0.16	-99	157	7	101	-99	-99

SampleNum	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sr_ppm	Se_ppm	Te_ppm	Ti_pct	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Sn_ppm	U_ppm
103113	223	5	0.01	8	-99	7	-2	-99	-99	-99	-99	-0.01	-99	5	11	10	-99	-99
103114	1045	2	0.01	93	-99	-3	2	-99	-99	-99	-99	0.21	-99	212	7	116	-99	-99
103115	970	1	0.02	127	-99	4	-2	-99	-99	-99	-99	0.15	-99	188	-2	106	-99	-99
103116	768	1	0.01	125	-99	-3	-2	-99	-99	-99	-99	0.11	-99	228	-2	102	-99	-99
103117	692	2	0.01	74	-99	44	-2	-99	-99	-99	-99	0.09	-99	160	-2	72	-99	-99
103118	279	1	0.02	85	-99	-3	-2	-99	-99	-99	-99	0.34	-99	274	-2	62	-99	-99
103119	910	1	0.01	126	-99	14	-2	-99	-99	-99	-99	0.15	-99	231	-2	103	-99	-99
103120	377	1	0.01	103	-99	6	-2	-99	-99	-99	-99	0.37	-99	302	-2	83	-99	-99
103121	652	1	0.01	83	-99	12	-2	-99	-99	-99	-99	0.07	-99	152	-2	75	-99	-99
103122	333	-1	0.02	99	-99	7	-2	-99	-99	-99	-99	0.36	-99	320	-2	93	-99	-99
103123	155	3	0.01	19	-99	18	-2	-99	-99	-99	-99	0.01	-99	10	11	3	-99	-99
103124	830	1	0.01	88	-99	-3	-2	-99	-99	-99	-99	0.14	-99	368	-2	135	-99	-99
103125	790	-1	0.01	90	-99	5	-2	-99	-99	-99	-99	0.19	-99	382	-2	152	-99	-99
103126	714	1	0.01	50	-99	8	-2	-99	-99	-99	-99	0.07	-99	194	-2	78	-99	-99
103127	453	1	0.02	67	-99	6	-2	-99	-99	-99	-99	0.42	-99	314	-2	97	-99	-99
103128	564	2	0.01	33	-99	6	-2	-99	-99	-99	-99	0.05	-99	123	3	53	-99	-99
RE-103101	452	1	0.03	146	-99	9	-2	-99	-99	-99	-99	0.37	-99	284	6	86	-99	-99
RRE-103101	487	-1	0.02	143	-99	10	-2	-99	-99	-99	-99	0.35	-99	283	7	90	-99	-99
TG-AOT2-007	456	2	0.07	6	-99	3	3	-99	-99	-99	-99	0.08	-99	5	2	85	-99	-99
TG-AOT2-008	390	2	0.25	135	-99	-3	-2	-99	-99	-99	-99	0.18	-99	94	-2	149	-99	-99

SampleNum	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sr_ppm	Se_ppm	Te_ppm	Ti_pct	Tl_ppm	V_ppm	W_ppm	Zn_ppm	Sn_ppm	U_ppm
TS-AOT2-023	185	10	0.31	112	-99	6	2	-99	-99	-99	-99	0.09	-99	66	-2	60	-99	-99
DC-AOT2-011	309	1	0.06	123	-99	3	-2	-99	-99	-99	-99	0.3	-99	23	-2	113	-99	-99
DC-AOT2-013	137	2	0.07	18	-99	3	2	-99	-99	-99	-99	0.16	-99	22	3	32	-99	-99
HW-AOT2-009	608	-1	0.08	48	-99	4	-2	-99	-99	-99	-99	0.24	-99	179	-2	101	-99	-99
RE-TS-AOT2-038	121	3	0.02	19	-99	348	-2	-99	-99	-99	-99	-0.01	-99	7	9	10	-99	-99
RRE-TS-AOT2-038	134	3	0.02	20	-99	282	-2	-99	-99	-99	-99	-0.01	-99	8	8	11	-99	-99
TS-A0T2-026	92	229	0.05	18	-99	6	3	-99	-99	-99	-99	0.04	-99	11	176	16	-99	-99
TS-A0T2-037	679	2	0.02	33	-99	8	-2	-99	-99	-99	-99	0.01	-99	20	2	47	-99	-99
TS-AOT2-024	325	6	0.05	26	-99	6	3	-99	-99	-99	-99	0.26	-99	46	324	16	-99	-99
TS-AOT2-025	901	2	0.57	36	-99	5	-2	-99	-99	-99	-99	0.86	-99	81	-2	113	-99	-99
TS-AOT2-034	1026	1	0.01	48	-99	16	-2	-99	-99	-99	-99	0.1	-99	106	-2	89	-99	-99
TS-AOT2-035	174	2	-0.01	12	-99	256	-2	-99	-99	-99	-99	0.01	-99	7	7	11	-99	-99
TS-AOT2-036	199	1	0.01	11	-99	19	-2	-99	-99	-99	-99	0.01	-99	5	4	19	-99	-99
TS-AOT2-038	122	3	0.02	19	-99	344	-2	-99	-99	-99	-99	-0.01	-99	7	9	11	-99	-99
TS-AOT2-039	61	3	0.03	57	-99	23	-2	-99	-99	-99	-99	-0.01	-99	5	5	7	-99	-99
TS-AOT2-040	202	2	0.01	30	-99	12	-2	-99	-99	-99	-99	-0.01	-99	41	7	25	-99	-99
103129	1057	1	0.01	80	-99	8	-2	-99	-99	-99	-99	0.1	-99	292	-2	114	-99	-99