MULTIPLE OPEN REE CLAY ANOMALIES AT MONJEBUP

HIGHLIGHTS

- A total of 1119 grid samples were collected at the Chillinup prospect as part of RMX's major clay REE sampling programme at Monjebup
- Programme targeted specific areas around the four (4) anomalous basement rocks with TREO (+Y) results greater than 1000ppm, in addition to associated soil samples over 1000pm TREO (+Y)
- The four (4) notable zones of anomalous REE's were grid clay sampled at 50m interval over 1x1km grids - forming the Stockwell, Chillinup and Dump Road grids
- Results revealed multiple open REE anomalies on the Chillinup and Dump Road grids, including results over 2000ppm TREO
- Drill targets generated for AC drilling with further investigation on extension of open REE anomalies

Red Mountain Mining ("**Red Mountain**", "**The Company**") (**ASX: RMX**) is pleased to advise latest analytical results from its major clay REE sampling programme at the Monjebup Project, located in the southwest region of Western Australia. A total of 1129 clay samples have been received, with 91 samples greater than or equal to 600ppm TREO, peaking at 2,094ppm TREO.

Contouring of latest results revealed several open-ended areas of ≥600ppm TREO. This indicates presence of anomalous REE bearing clays across specific zones within the Monjebup project.

This latest phase of sampling successfully generated REE bearing clay targets around the anomalous orthogneisses with enriched REE (see announcement 15 January 2024) where analytical results from initial phase infill sampling revealed source rocks with >1000ppm TREO levels in four (4) locations and confirmed anomalous REE within soils in three (3) locations, see circles in Figure 1 below.
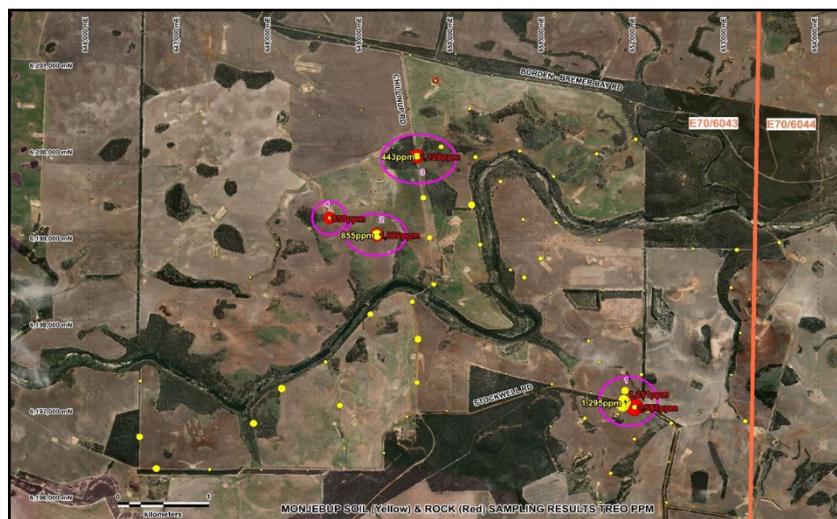
Figure 1: Circled locations with anomalous TREO levels of >1000ppm (Datum GDA94z50)

The sampling programme targeted clays around these hard rock locations with 1x1km grids and 50m sample spacings where 1,478 sites were planned with 1119 sites sampled. A total of 12 sites were not sampled due to gneissic outcrop or culture and 32 sites were abandoned due to thick running sands and no clays and 315 left short due to time constraints. At each site, a hand auger was used to access the clays at depths between 0.1 to 1.8m (average of 0.3m) with around 1kg of material collected at each site. The four sites sampled were Stockwell Road (100%), Chillinup Road (62%), Dump Road (100%) and Dump Road extension (to be completed). Note the overlapping of the latter three grids on Figure 2.
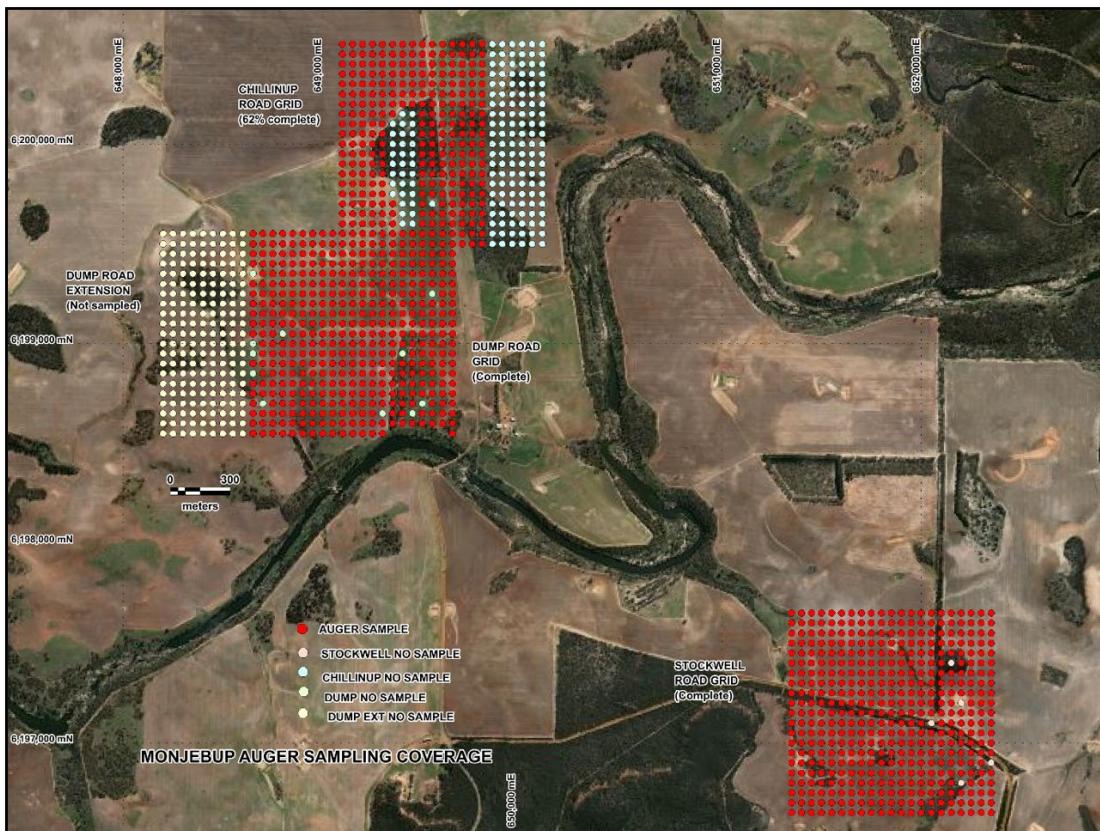
Figure 2: Auger sampling coverage over the four planned grid areas (Datum GDA94z50)

A total of 1151 samples were analysed and included 10 duplicates, 11 blanks and 11 standards as part of the quality control. The samples were treated by lithium borate fusion for the REE suite of metals, and 91 samples produced TREO of 600pmm or higher with the highest reading at 2,094ppm TREO on the eastern edge of the Chillinup grid. The Chillinup adjoining Dump Road grids produced an anomalous trending series of samples on the eastern side and likely flanking the sub cropping gneissic rocks, see Figure 3.
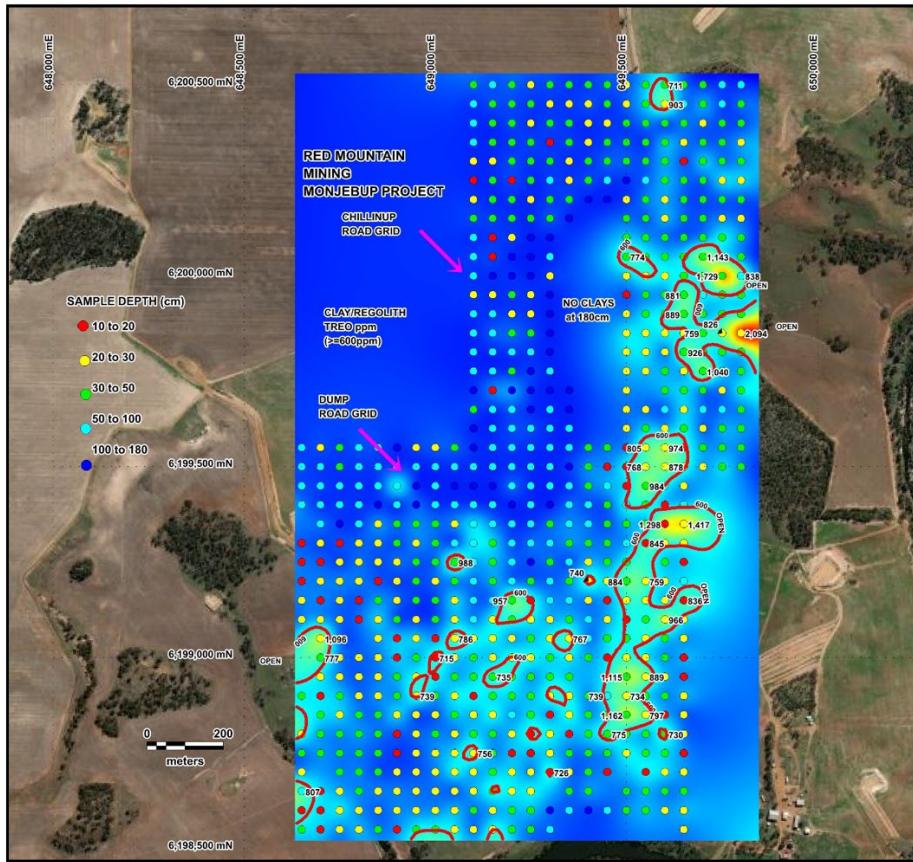
Figure 3: Combined Chillinup and Dump Road grids displaying the 600ppm TREO contour and select sample TREO ppm on a thematic TREO background with sample locations display the depth the sample was collected. Datum GDA94 z50.

The Stockwell Road grid confirmed the anomalous trigger area, however the anomaly is constrained over a small area, see Figure 4.
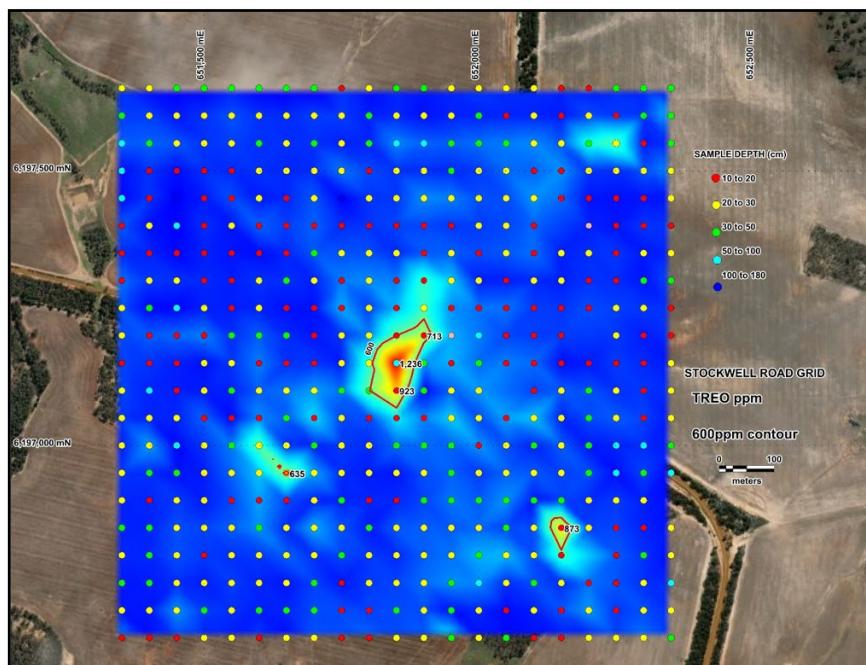
Figure 4: Stockwell Road grid revealing a constrained anomaly over the Trigger area and the 600ppm TREO contour with select sample TREO ppm on a thematic TREO background with sample locations display the depth the sample was collected. Datum GDA94 z50.

Monjebup Forward Work Programme

The next sampling programme will be targeted along the eastern margin of the Chillinup and Dump Road grids to test the extension of these anomalies. Additional samples are planned to be taken on grid extensions. Upon receipt of further analytical results, an aircore drilling and trenching programme will be initiated to test the thickness of the anomalous clays.

Authorised for and on behalf of the Board,

Mauro Piccini
Company Secretary

About Red Mountain Mining

Red Mountain Mining Limited is an ASX-listed (ASX: RMX) mineral exploration and development company. Red Mountain has a portfolio of critical minerals including lithium, rare earth and gold projects, located in the USA and Australia. The Company's flagship project is based in Nevada USA, prospective for lithium claystone mineralisation. The Company's other projects include the Monjebup Rare Earths Project and the Koonenberry Gold Project.

Mountains. Nor does this announcement constitute investment or financial product advice (nor tax, accounting or legal advice) and is not intended to be used for the basis of making an investment decision. Investors should obtain their own advice before making any investment decision.

Competent Person Statement

The information in this announcement that relates to Exploration Results and other technical information complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). It has been compiled and assessed under the supervision of contract geologist Mark Mitchell. Mr Mitchell is a Member of the Australasian Institute of Geoscientists and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Mitchell consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Note the following header information can be applied to the analytical tables documented below

Sample_ID	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Th	Tm	U	Y	Yb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	0.5	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1
METHOD	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS	FB6/MS

Stockwell Road Grid REE analytical data

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0001	651350	6197650	20	32	1.4	0.7	0.5	1.3	0.3	20.1	0.1	11.8	3.5	2.3	0.2	0.1	6.8	1.5	97
24MBAG0002	651400	6197650	25	18.7	0.7	0.8	0.3	0.8	0.2	9.9	0.1	5.4	1.8	1.2	0.2	0.05	5.1	1	55
24MBAG0003	651450	6197650	30	9.5	0.5	0.5	0.2	0.4	0.1	5.9	0.05	3	0.9	0.7	0.05	0.05	3.5	0.6	31
24MBAG0004	651500	6197650	30	10.2	0.7	0.5	0.1	0.4	0.1	6.4	0.05	3.7	1.1	0.6	0.1	0.05	3.2	0.3	33
24MBAG0005	651550	6197650	35	28	1.2	0.4	0.4	1.2	0.2	17	0.1	9.1	3	1.5	0.2	0.05	5.4	0.6	81
24MBAG0006	651600	6197650	40	9.5	0.7	0.6	0.2	0.5	0.1	6.3	0.05	2.9	0.9	0.7	0.1	0.05	3.4	0.6	31
24MBAG0007	651650	6197650	40	8.2	0.6	0.5	0.1	0.4	0.1	5.3	0.1	2.5	0.8	0.7	0.05	0.05	3	0.5	27
24MBAG0008	651700	6197650	40	6.7	0.5	0.5	0.1	0.5	0.05	4.8	0.05	2.8	0.8	0.6	0.05	0.05	3	0.4	25
24MBAG0009	651750	6197650	15	35.7	1.7	0.8	0.6	2	0.3	21.3	0.1	14.1	4.5	2.4	0.3	0.1	7.1	1.3	109
24MBAG0010	651800	6197650	20	15.2	0.8	0.5	0.3	0.8	0.2	10.2	0.2	5.9	1.9	1.1	0.1	0.05	4.3	0.8	50
24MBAG0011	651850	6197650	35	28.7	1.3	0.7	0.5	1.5	0.3	18.3	0.1	11.4	3.5	1.8	0.3	0.1	5.7	0.9	88
24MBAG0012	651900	6197650	30	21.4	0.9	0.5	0.3	1.3	0.2	14	0.1	8.7	2.7	1.8	0.2	0.1	4.9	0.4	68
24MBAG0013	651950	6197650	20	34	1.4	0.8	0.5	1.2	0.2	18.2	0.2	11.7	3.5	1.9	0.2	0.05	6.5	0.9	96
24MBAG0014	652000	6197650	20	39.1	1.7	1	0.7	2.3	0.3	23	0.2	15.4	4.5	2.9	0.4	0.2	8.7	1.2	120
24MBAG0015	652050	6197650	20	31.2	1.7	0.8	0.4	1.7	0.2	19.3	0.1	12.9	3.6	2.6	0.2	0.2	6.6	1	97
24MBAG0016	652100	6197650	20	32.7	1.5	0.7	0.5	1.6	0.3	20.7	0.1	13.5	3.9	2.1	0.3	0.1	6.4	0.6	100
24MBAG0017	652150	6197650	10	25.5	1.4	0.7	0.5	1.4	0.2	18	0.1	10.8	3.3	1.9	0.2	0.1	5.9	0.6	83
24MBAG0018	652200	6197650	15	24.6	1	0.6	0.4	1.3	0.2	14.6	0.1	9.4	2.8	2	0.2	0.05	5.9	0.7	75
24MBAG0019	652250	6197650	40	57.8	0.8	0.5	0.2	1.1	0.2	9.9	0.1	6.3	2	1.6	0.1	0.1	4.8	0.6	101
24MBAG0020	652300	6197650	40	55.4	0.5	0.4	0.2	0.5	0.1	5.5	0.05	3.9	1.2	0.9	0.05	0.05	3.1	0.4	85
24MBAG0021	652350	6197650	40	10	0.7	0.4	0.2	0.7	0.2	5.4	0.1	3.7	1	1	0.05	0.05	3.9	0.5	33
24MBAG0022	652350	6197600	45	230.7	1.4	0.4	0.3	1.2	0.1	9.5	0.1	6.8	2	1.2	0.2	0.1	4.9	1	305
24MBAG0023	652300	6197600	45	85.3	0.6	0.4	0.3	0.6	0.2	7.9	0.1	6	1.7	0.9	0.1	0.05	4.1	0.7	128
24MBAG0024	652250	6197600	10	50.1	2.1	1.3	0.7	2.2	0.4	21.3	0.2	17.9	4.6	3.6	0.4	0.2	9.3	1.1	136
24MBAG0025	652200	6197600	20	48.1	2.1	1.2	0.7	2.8	0.4	30.7	0.2	21.2	5.8	3.9	0.4	0.2	11.4	1.3	154
24MBAG0026	652150	6197600	10	27	1.3	0.9	0.4	1.3	0.3	14.6	0.1	9.9	3.1	2.3	0.2	0.1	6.4	1.4	82
24MBAG0027	652100	6197600	25	37.1	1.6	0.9	0.5	1.8	0.3	15.4	0.1	11.5	3.3	1.8	0.3	0.2	7.1	1.2	98
24MBAG0028	652050	6197600	10	35.9	1.4	0.9	0.5	1.5	0.3	16.1	0.2	10.7	3.3	2.4	0.3	0.1	6.5	1.2	96
24MBAG0029	652000	6197600	30	30.8	1.1	0.9	0.4	1.5	0.2	18.8	0.1	12.3	3.3	2.1	0.2	0.1	6	0.9	93
24MBAG0030	651950	6197600	25	28.6	1.7	0.8	0.4	1.8	0.3	18.4	0.1	11.3	3.6	2	0.2	0.05	6	0.9	90
24MBAG0031	651900	6197600	20	19.5	0.8	0.7	0.3	1.3	0.2	13.5	0.1	8.5	2.6	1.9	0.2	0.05	5.6	0.5	66
24MBAG0032	651850	6197600	20	32.5	1.3	0.7	0.5	1.7	0.2	22.2	0.05	13.1	4	2.5	0.2	0.1	6.1	0.7	101
24MBAG0033	651800	6197600	30	25.1	1	0.7	0.4	1.2	0.2	19.6	0.2	11.1	3.2	1.8	0.2	0.1	5.5	0.7	84
24MBAG0034	651750	6197600	25	39.6	2.3	1.2	0.7	2.2	0.4	27.3	0.2	16.8	4.9	3.2	0.3	0.2	9.2	1	129
24MBAG0035	651700	6197600	20	43.2	1.4	1.1	0.6	2.1	0.3	29.4	0.2	17.6	5.4	2.8	0.3	0.1	7.2	0.8	132
24MBAG0036	651650	6197600	25	33.7	1.3	1	0.5	1.9	0.3	20.2	0.2	13.4	3.8	2.2	0.3	0.2	7.6	0.7	103
24MBAG0037	651600	6197600	25	38.1	2	0.8	0.6	1.5	0.2	23.1	0.1	14.7	4.1	2.3	0.3	0.1	6.8	0.8	112
24MBAG0038	651550	6197600	20	56.5	1.9	0.9	0.8	2.3	0.3	34.3	0.1	20	6.2	3.8	0.4	0.1	7.9	0.8	160
24MBAG0039	651500	6197600	25	38.6	1.3	0.9	0.5	1.9	0.3	24	0.2	14.9	4.3	2.7	0.3	0.1	7.5	0.8	116
24MBAG0040	651450	6197600	25	25.9	1.3	0.6	0.4	1.4	0.3	14.6	0.2	9.9	2.9	1.7	0.2	0.1	5.4	0.8	77
24MBAG0041	651400	6197600	20	46.1	1.8	1.1	0.7	2.2	0.4	25	0.2	16.9	4.8	3.2	0.3	0.2	8.6	1.4	133
24MBAG0042	651350	6197600	40	44.3	1.5	0.9	0.6	1.9	0.4	25.2	0.1	15.6	4.5	2.5	0.3	0.1	8.2	1.4	127
24MBAG0043	651350	6197550	50	67.7	1.9	0.9	0.6	2.2	0.3	36.8	0.2	18.3	6	3.3	0.3	0.1	7.3	1.1	173
24MBAG0044	651400	6197550	30	68.5	1.9	1.1	0.6	2.2	0.4	46.5	0.1	19.8	5.9	3.2	0.3	0.1	8.6	1.3	189
24MBAG0045	651450	6197550	20	55.8	1.9	0.9	0.7	2.5	0.4	37	0.2	20.1	5.9	3.3	0.4	0.2	8.7	1.3	164
24MBAG0046	651500	6197550	25	37.3	1.6	1	0.5	1.9	0.3	25.8	0.1	15.8	4.7	3.2	0.3	0.1	7	0.6	118
24MBAG0047	651550	6197550	20	45	1.3	1	0.7	2.2	0.4	29.8	0.1	17.5	5.4	3.3	0.3	0.05	7.2	0.7	135
24MBAG0048	651600	6197550	45	36	1.7	0.7	0.6	1.9	0.3	23.4	0.1	14.1	4.4	2.6	0.3	0.1	6.8	0.4	110
24MBAG0049	651650	6197550	25	36.5	1.4	0.7	0.6	1.7	0.3	22.9	0.2	14.5	4	2.8	0.3	0.1	6.9	0.8	110
24MBAG0050	651700	6197550	30	38.1	1.3	0.8	0.4	1.5	0.3	22.4	0.1	14.3	4.2	2.6	0.2	0.2	7	1.1	111
24MBAG0053	651750	6197550	20	30.2	1.3	0.7	0.4	1.6	0.2	19.9	0.2	11.5	3.5	2.3	0.2	0.1	5.8	0.7	93
24MBAG0054	651800	6197550	30	32.5	1.6	0.8	0.4	1.8	0.3	17.3	0.1	12	3.4	2	0.3	0.1	6.7	0.9	95
24MBAG0055	651850	6197550	50	154.6	1.5	0.8	0.5	1.6	0.3	18.5	0.2	15.3	4.5	2.5	0.3	0.2	5.3	0.8	243
24MBAG0056	651900	6197550	50	84.9	2	1	0.7	2	0.3	26.8	0.2	19.3	5.7	3.3	0.4	0.2	7.4	1.1	183
24MBAG0057	651900	6197550	50	90.7	1.8	1	0.9	1.9	0.3	28.4	0.2	20.3	5.8	3.5	0.4	0.2	7.7	1.1	193
24MBAG0058	651950	6197550	40	84.5	2	0.9	0.8	2.3	0.3	26.6	0.2	18.9	5.5	3	0.3	0.2	7.3	0.9	181
24MBAG0059	652000	6197550	35	111.9	1.5	1	0.6	1.8	0.3	24.5	0.2	17.7	5.6	3.3	0.4	0.2	7	1.4	209
24MBAG0060	652050	6197550	30	129.9	1.8	0.8	0.7	2.1	0.4	26.1	0.1	18.1	5.5	3.5	0.3	0.2	6.6	1.1	232
24MBAG0061	652100	6197550	25	113.7	3	1.3	1.1	3.8	0.6	34.4	0.3	25.6	7.3	4.5	0.5	0.3	12.9	2.2	249
24MBAG0062	652150	6197550	25	94.7	1.8	1.3	0.6	2.1	0.4	20.3	0.2	15.2	4.3	2.8	0.4	0.2	8.8	1.3	182
24MBAG0063	652200	6197550	40	330.1	1.7	1.1	0.8	2.3	0.4	19.1	0.2	19.7	5.3	3.1	0.4	0.2	8.6	1.1	462
24MBAG0064	652250	6197550	20	386	3.2	1.4	1.2	3.9	0.6	23.4	0.3	29.5	7.9	5.5	0.7	0.3	11.4	1.8	560
24MBAG0065	652300	6197550	15	39.5	1.9	1	0.5	1.7	0.4	10.2	0.2	8	2.6	2.4	0.3	0.2	5.9	1.3	90
24MBAG0066	652350	6197550	40	34.3	1.7	1.2	0.5	2	0.4	17.8	0.2	13.4	4	2.5	0.3	0.2	8.7	1.1	104
24MBAG0067	652350	6197500	25	123.1	3.8	1.6	1.2	3.4	0.7	16.1	0.4	21.1	6.1	5.2	0.5	0.3	11	2.2	231
24MBAG0068	652300	6197500	20	70.8	2.4	1.3	0.7	3.1	0.5	23	0.1	19.6	5.6	3.3	0.4	0.2	11.3	1.1	169
24MBAG0069	652250	6197500	25	43.9	2	1.2	0.6	2.1	0.4	15	0.2	14.2	3.9	3.1	0.4	0.2	8.3	1.4	114
24MBAG0070	652200	6197500	20	46.5	2	1	0.7	2.2	0.4	20.8	0.2	14.9	4.4	2.9	0.3	0.2	8.8	1	125
24MBAG0071	652150	6197500	15	97.5	4.1	2.3	1.4	4.8	1	41.2	0.4	33.1	8.9	5.3	0.8	0.4	17.6	2.9	261
24MBAG0072	652100	6197500	15	78.5	3.1	1.9	0.9	3.3	0.7	31	0.3	21.7	6.3	3.2	0.5	0.3	16.1	1.7	200
24MBAG0073	652050	6197500	25	84.5	3.2	1.3	1	2.8	0.6	29.6	0.2	20.7	6.3	3.8	0.5	0.2	14.3	1.8	201
24MBAG0074	652000	6197500	20	62	1.6	0.8	0.6	1.5	0.4	19.2	0.1	12.4	3.8	2.1	0.3	0.1	7.2	0.5	132
24MBAG0075	651950	6197500	30	40	1.5	0.9	0.5	1.2	0.3	17.4	0.1	12.1	3.3	2	0.3	0.1	6.8	0.8	103
24MBAG0076	651900	6197500	20	41.7	1.7	1.2	0.5	1.7	0.3	18.5	0.2	12.5	3.9	2.2	0.3	0.1	8.2	1	111
24MBAG0077	651850	6197500	25	42.8	1.9	1	0.7	2.2	0.3	20.1	0.2	14.3	4.1	2.7	0.3	0.1	7.5	1.1	117
24MBAG0078	651800	6197500	15	54.3	2.4	1.2	0.9	2.3	0.4	25.7	0.2	18.4	5.8	3.8	0.4	0.2	10	1	150
24MBAG0079	651750	6197500	20	72.9	2.5	1.3	1	3.9	0.6	43.1	0.2	26.4	8.2	4.8	0.5	0.3	13	1.2	212
24MBAG0080	651700	6197500	20	37.3	1.2	0.7	0.4	2	0.3	23.2	0.1	12.4	4.3	2	0.2	0.05	5.8	0.7	107
24MBAG0081	651650	6197500	25	32.9	1.3	0.6	0.3	1.4	0.3	19.6	0.05	12.4	3.8	2.1	0.2	0.1	5.5	0.8	96
24MBAG0082	651600	6197500	25	38.4	2	0.9	0.5	2.2	0.4	21.6	0.1	14.4	4.4	2.6	0.3	0.05	7.1	0.9	113
24MBAG0083	651550	6197500	15	36.3	1.3	0.7	0.5	1.6	0.2	19.2	0.1	13.2	3.9	1.9	0.3	0.1	6.7	0.8	102
24MBAG0084	651500	6197500	15	36	1.8	1.1	0.5	1.9	0.4	22.1	0.2	13.8	4.2	2.7	0.3	0.2	7.9	1.1	111
24MBAG0085	651450	6197500	15	19.3	1.2	0.6	0.2	1.1	0.2	12.6	0.1	8.1	2.4	1.1	0.1	0.05	4.5	0.7	62
24MBAG0086	651400	6197500	15	39.1	1.5	0.7	0.5	1.8	0.3	25.4	0.1	14.4	4.7	2.5	0.4	0.2	6.2	0.7	116
24MBAG0087	651350	6197500	80	21.6	0.9	0.5	0.3	0.7	0.1	12.1	0.05	6.4	2	1	0.1	0.05	4.7	0.8	61
24MBAG0088	651350	6197450	90	16.9	1.1	0.4	0.2	1	0.2	10.5	0.05	6.2	1.7	0.9	0.2	0.05	4.5	0.7	53
24MBAG0089	651400	6197450	15	38.7	1.6	0.8	0.6	2	0.3	24.2	0.2	15.3	4.5	2.7	0.3	0.1	7.2	0.8	117
24MBAG0090	651450	6197450	100	11.3	0.6	0.4	0.2	0.6	0.05	7.1	0.1	4	1.4	0.8	0.1	0.05	3.5	0.6	36
24MBAG0091	651500	6197450	15	25.3	1.4	0.7	0.5	1.5	0.2	16.3	0.05	10.2	3.1	1.8	0.2	0.2	5.8	0.8	80
24MBAG0092	651550	6197450	15	55.5	1.6	1	0.7	2.3	0.3	30.8	0.2	18.8	5.9	4	0.3	0.2	8.6	0.7	154
24MBAG0093	651600	6197450	20	25.2	1.4	0.8	0.4	1.6	0.2	14.4	0.2	10.5	3	1.8	0.3	0.2	6.1	0.7	79
24MBAG0094	651650	6197450	15	36.6	2	0.8	0.6	1.7	0.3	16.6	0.2	11.8	3.7	2.3	0.3	0.1	7	1	100
24MBAG0095	651700	6197450	20	62.8	1.8	0.8	0.6	2.9	0.3	31.9	0.1	20.5	6.4	4.1	0.4	0.1	7.7	0.8	166
24MBAG0096	651750	6197450	110	15.7	0.8	0.4	0.1	0.9	0.1	9.4	0.05	5.9	1.8	1.1	0.1	0.05	4.3	0.7	49
24MBAG0097	651800	6197450	20	39.4	1.4	0.9	0.6	2.4	0.3	21.8	0.2	16.9	4.6	2.7	0.3	0.05	7.7	1	118
24MBAG0098	651850	6197450	20	44	1.8	0.8	0.6	2.3	0.4	22.8	0.2	16.6	4.6	3.3	0.4	0.1	7.6	0.9	125
24MBAG0099	651900	6197450	25	98.7	3.7	1.6	1.1	4	0.7	42.6	0.2	29.2	8.7	5.4	0.6	0.3	15.4	1.3	251
24MBAG0100	651950	6197450	25	83.8	4.3	2.3	1.2	4.8	0.9	34	0.3	26.8	7.9	5.2	0.7	0.4	21.6	2.7	233
24MBAG0101	652000	6197450	25	70.5	2.2	1.4	0.8	2.6	0.4	23.4	0.2	15.8	4.9	3	0.5	0.2	9	0.7	160

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0102	652050	6197450	25	61.1	2.3	1.3	0.7	2.8	0.3	27.4	0.2	17.8	5.4	3.1	0.4	0.2	8.1	1.2	156
24MBAG0103	652100	6197450	20	106.6	2.8	1.2	1	3.6	0.5	51.6	0.2	31.1	9.6	5.6	0.4	0.1	9.7	1.1	265
24MBAG0104	652150	6197450	15	85	1.7	0.7	0.6	2.9	0.3	38.9	0.2	23.1	7.1	3.9	0.4	0.1	7.1	1	203
24MBAG0105	652200	6197450	15	25.1	0.8	0.5	0.3	0.9	0.1	15.1	0.05	8	2.6	1.2	0.2	0.05	3.8	0.4	70
24MBAG0106	652250	6197450	15	21.1	0.8	0.5	0.2	1	0.2	11.8	0.05	6.7	2.2	1.2	0.2	0.1	4.4	0.6	60
24MBAG0107	652300	6197450	15	23.1	1	0.9	0.4	1.4	0.2	12.3	0.1	8.5	2.5	1.6	0.2	0.1	5.9	0.6	69
24MBAG0108	652350	6197450	20	22.8	1.1	0.6	0.3	1.3	0.2	10.8	0.1	7.4	2.2	1.3	0.2	0.1	5.5	0.6	64
24MBAG0109	652350	6197400	15	37.2	1.9	0.9	0.6	1.9	0.4	17.8	0.2	12.6	3.6	2.1	0.3	0.2	9.6	1.5	107
24MBAG0110	652300	6197400	15	42.5	2.1	1	0.6	2	0.4	20.4	0.2	13.9	4.2	2.7	0.3	0.2	8.8	0.8	118
24MBAG0111	652250	6197400	15	23.3	1	0.5	0.2	1.3	0.2	15.5	0.05	8.9	2.8	1.5	0.2	0.1	4.5	0.7	72
24MBAG0112	652200	6197400	15	30.8	1.1	0.6	0.2	1.3	0.2	18.4	0.2	10.7	3.2	1.9	0.2	0.1	5.2	0.8	88
24MBAG0113	652100	6197400	15	72.6	3	1.8	1.2	3.3	0.6	29.5	0.2	24.4	6.8	5	0.5	0.4	12.3	1.7	192
24MBAG0114	652050	6197400	20	53.3	1.9	1.1	0.8	2.7	0.4	25.7	0.2	18.8	5.3	3.8	0.4	0.2	8.9	1.1	147
24MBAG0115	652000	6197400	20	66.7	1.3	0.8	0.5	1.9	0.2	14.7	0.2	11	3.4	2.3	0.3	0.2	6.6	1.3	131
24MBAG0116	651950	6197400	10	44.8	2.2	1.3	0.6	2	0.4	22.1	0.2	15.8	4.3	3.1	0.3	0.2	9.5	1.4	128
24MBAG0117	651900	6197400	15	54.5	2.5	1	0.8	2.8	0.3	26.2	0.1	19.6	5.4	4	0.3	0.3	8.8	1.4	151
24MBAG0118	651850	6197400	15	46.5	1.9	1.1	0.6	2.5	0.4	27.6	0.2	19.4	5.3	3.6	0.4	0.2	8.6	1.1	141
24MBAG0119	651800	6197400	15	40.5	1.7	0.8	0.5	2.2	0.3	22.2	0.2	15.2	4.4	2.6	0.3	0.2	8	1.2	118
24MBAG0120	651750	6197400	15	37.8	1.3	0.5	0.4	1.5	0.2	21.8	0.05	13.6	4.2	1.8	0.2	0.2	5.8	1	106
24MBAG0121	651700	6197400	15	96.2	1.4	0.8	0.4	1.9	0.2	26	0.1	16.2	4.7	2.8	0.2	0.05	6.4	0.6	186
24MBAG0122	651650	6197400	15	44.5	1.9	0.9	0.6	2.3	0.4	25.4	0.2	18.7	5.5	2.8	0.4	0.2	9.3	1.3	135
24MBAG0123	651600	6197400	15	88.7	2.1	1.2	0.7	2.8	0.4	24	0.2	18.6	5.2	3.6	0.4	0.2	9.4	1.3	187
24MBAG0124	651550	6197400	20	24.4	0.8	0.7	0.3	1.1	0.2	13.9	0.1	8.8	2.7	1.7	0.2	0.1	4.8	0.7	71
24MBAG0125	651500	6197400	15	34.4	1.4	1	0.5	1.7	0.3	20	0.2	14.6	3.9	2.6	0.3	0.2	7.4	1	105
24MBAG0126	651450	6197400	70	12.6	0.7	0.6	0.1	0.7	0.2	7.9	0.1	4.9	1.6	0.7	0.1	0.1	4.2	0.5	41
24MBAG0127	651400	6197400	25	21.4	1.1	0.8	0.3	1	0.2	13.4	0.1	8.1	2.5	1.3	0.2	0.1	5.8	1.2	68
24MBAG0128	651350	6197400	15	54.1	2	1	0.7	2.7	0.4	35.2	0.2	23.1	6.3	3.7	0.4	0.2	9.1	0.9	165
24MBAG0129	651350	6197350	15	35.5	1.7	1	0.5	1.8	0.3	19.8	0.2	12.4	3.6	2.2	0.2	0.2	7.2	0.9	103
24MBAG0130	651400	6197350	15	30	1.8	1	0.4	1.7	0.4	15.7	0.2	11.4	3.5	2.5	0.4	0.2	8.2	0.8	92
24MBAG0131	651450	6197350	15	14.5	0.7	0.4	0.2	0.7	0.1	10.1	0.1	5.8	1.7	1.4	0.05	0.05	3.7	0.7	47
24MBAG0132	651500	6197350	15	27.6	1.4	0.7	0.4	1.4	0.2	19.2	0.1	10.7	3.3	2.3	0.3	0.1	5.1	1	87
24MBAG0133	651550	6197350	10	20.7	1.1	0.8	0.3	1.4	0.2	13.4	0.1	8.5	2.5	1.6	0.2	0.1	5.2	1	67
24MBAG0134	651600	6197350	15	17.4	1	0.5	0.2	0.9	0.2	11.8	0.1	8	2.3	1.3	0.2	0.1	4.6	0.7	58
24MBAG0135	651650	6197350	10	31.5	1.5	0.8	0.4	1.8	0.3	17.4	0.2	12.1	3.5	2.6	0.3	0.1	7.6	1	96
24MBAG0136	651700	6197350	30	62.8	1.8	0.8	0.7	2.5	0.3	34	0.2	21.9	6.5	3.8	0.3	0.2	7.3	0.7	169
24MBAG0137	651750	6197350	20	62.5	1.7	1.1	0.6	2.5	0.3	32.7	0.1	21	6.1	3.4	0.3	0.2	8.2	1	167
24MBAG0138	651800	6197350	20	56.4	2.6	0.9	0.7	2.7	0.4	30.9	0.2	22.8	6	4.1	0.4	0.2	8.1	0.8	161
24MBAG0139	651850	6197350	25	34	1.2	0.7	0.4	1.7	0.2	24.2	0.1	15.3	4.4	2.6	0.2	0.05	5.1	0.5	107
24MBAG0140	651900	6197350	15	64.9	2.3	0.9	0.8	2.8	0.5	36	0.2	25.3	7.1	4	0.4	0.2	9.3	0.7	183
24MBAG0141	651950	6197350	20	65.7	2.6	1.3	0.9	3.9	0.5	32.9	0.2	23.1	6.9	4.5	0.5	0.3	12.3	1.3	185
24MBAG0142	652000	6197350	15	57.9	2.8	1.6	1	3.9	0.7	22.2	0.3	18.5	4.9	3.6	0.6	0.3	12.2	1.6	156
24MBAG0143	652050	6197350	20	65.4	3.6	2.1	1	4	0.7	20.3	0.3	20.2	5.3	4.2	0.7	0.3	15.6	1.7	172
24MBAG0144	652100	6197350	15	98.9	3	2.2	0.9	3.9	0.6	21.9	0.3	20	5.1	4.2	0.6	0.3	14	1.8	209
24MBAG0145	652150	6197350	20	31.1	2.3	1.1	0.5	1.9	0.3	11.3	0.2	10.5	2.6	2.1	0.4	0.2	7.6	1.2	86
24MBAG0146	652200	6197350	20	45.2	1.6	1.2	0.6	2	0.4	13.6	0.2	10.9	3	2.3	0.3	0.3	8.4	1.2	108
24MBAG0147	652250	6197350	15	52	1.9	1.1	0.6	2	0.3	16.4	0.2	12.3	3.6	2.6	0.3	0.1	8.1	1.3	121
24MBAG0148	652300	6197350	20	25.9	1.2	0.7	0.3	1.4	0.2	13.6	0.2	8.8	2.6	1.4	0.2	0.05	5.6	0.9	74
24MBAG0149	652350	6197350	20	28.8	1.2	0.8	0.4	1.7	0.3	16.4	0.1	10.4	3.1	2.2	0.3	0.1	6.3	0.9	86
24MBAG0150	652350	6197300	30	88.7	0.9	0.6	0.3	1	0.2	10.8	0.1	7.6	2.3	1.3	0.2	0.05	4.7	0.8	140
24MBAG0153	652300	6197300	30	24.2	1.3	0.8	0.3	1.4	0.2	11.1	0.1	8.3	2.3	1.4	0.2	0.05	5.7	0.7	68
24MBAG0154	652250	6197300	15	38.6	1.9	1.4	0.5	2.3	0.4	16.4	0.2	12.7	3.4	2.3	0.4	0.2	8.6	1.6	107
24MBAG0155	652200	6197300	10	46.3	1.9	1.2	0.6	2.1	0.5	15.7	0.3	12.4	3.4	2.3	0.3	0.2	9.6	1.5	116
24MBAG0156	652150	6197300	20	28.7	1.5	1.1	0.5	1.7	0.3	12.7	0.2	10.5	2.7	2.1	0.2	0.2	8.1	1.1	85
24MBAG0157	652100	6197300	20	36.6	2.2	1.6	0.6	2.2	0.4	15	0.2	12.8	3.4	2.9	0.3	0.2	9.2	0.9	104
24MBAG0158	652050	6197300	15	29.9	1.6	1	0.4	1.8	0.3	14.4	0.2	11.3	2.9	1.9	0.3	0.2	7	0.9	87
24MBAG0159	652000	6197300	25	30.6	1.6	1	0.3	1.5	0.3	16.3	0.2	11.1	3.2	2	0.2	0.1	6.8	0.7	89
24MBAG0160	651950	6197300	20	128.5	3.6	1.7	1.7	5.9	0.7	67.2	0.2	46.8	13.7	7.9	0.7	0.3	15.4	1.4	348
24MBAG0161	651900	6197300	10	196.1	4.9	2.1	2.4	9	1	91.6	0.2	68.6	20	11.8	1.1	0.4	23	1.8	511
24MBAG0162	651850	6197300	15	95.1	2.9	1.2	1	4.1	0.5	41	0.2	30.3	8.6	5.8	0.5	0.3	11.2	1	240
24MBAG0163	651800	6197300	20	96.4	3	1.7	1	3.7	0.7	42.7	0.2	33.4	9.3	6.2	0.5	0.2	12.2	2.2	251
24MBAG0164	651750	6197300	15	91.9	2	1.3	0.9	3.3	0.5	41.9	0.2	30	8.3	4.8	0.4	0.2	10.2	0.6	231
24MBAG0165	651700	6197300	20	31.5	0.9	0.6	0.4	1.5	0.2	19	0.2	10.2	3.4	1.6	0.2	0.1	5.7	1.2	90
24MBAG0166	651650	6197300	30	40.3	1.2	0.6	0.4	1.6	0.2	20.2	0.1	12.3	3.7	2.3	0.2	0.2	5.8	0.7	106
24MBAG0167	651600	6197300	20	37.6	1.5	0.9	0.7	2.1	0.3	21.9	0.2	14.1	4.3	2.7	0.3	0.2	7.2	1.7	113
24MBAG0168	651550	6197300	15	27.1	1.2	0.8	0.4	1.2	0.2	18.6	0.1	10.9	3	1.8	0.2	0.2	5.7	1	85
24MBAG0169	651500	6197300	15	32.3	1.4	0.8	0.5	1.7	0.2	20.3	0.2	12.9	3.9	2.4	0.2	0.1	7.1	1.4	101
24MBAG0170	651450	6197300	25	37.1	1.8	0.8	0.7	2.1	0.4	15.2	0.2	12	3.1	2.2	0.3	0.2	8.1	1.2	101
24MBAG0171	651450	6197300	25	44.6	2.1	1.2	0.6	2.3	0.4	17.3	0.2	14	3.6	3	0.4	0.2	9.7	1	119
24MBAG0172	651400	6197300	25	45.8	2.4	1.1	0.7	2.9	0.4	14.9	0.3	14.1	3.8	3.3	0.4	0.2	10.4	1.7	121
24MBAG0173	651350	6197300	10	68.4	3	1.7	1	4	0.6	35.5	0.3	26.4	6.7	4.2	0.6	0.3	15.5	1.8	200
24MBAG0174	651350	6197250	20	59	1.8	1.1	0.7	2.4	0.4	30.2	0.2	18.6	5.5	3.6	0.4	0.2	8.4	0.9	157
24MBAG0175	651400	6197250	40	16.5	1.1	0.6	0.2	0.8	0.2	8.9	0.1	5.2	1.7	1.2	0.1	0.1	4.9	0.7	50
24MBAG0176	651450	6197250	50	12.8	0.6	0.5	0.2	0.6	0.2	9	0.1	5.6	1.5	1.1	0.1	0.05	4	0.7	44
24MBAG0177	651500	6197250	20	27.4	1.1	0.9	0.4	1.6	0.3	18.8	0.1	11.1	3.4	2	0.2	0.1	6	0.9	88
24MBAG0178	651550	6197250	10	26.4	0.8	0.5	0.5	1.1	0.2	20	0.1	11.7	3.5	1.8	0.2	0.1	4	0.6	84
24MBAG0179	651600	6197250	20	28.6	1.4	0.6	0.5	1.8	0.2	19.1	0.1	11.9	3.7	2.6	0.2	0.05	5.3	0.8	90
24MBAG0180	651650	6197250	15	20.6	1.1	0.5	0.3	1.2	0.2	12.6	0.1	8.1	2.3	1.6	0.2	0.05	3.9	0.5	63
24MBAG0181	651700	6197250	15	23.2	1.1	0.5	0.3	1	0.2	12.8	0.1	7.1	2.5	1.4	0.2	0.05	4.3	0.6	65
24MBAG0182	651750	6197250	15	114.9	2.8	1.2	1.1	5.3	0.6	57.6	0.2	38.4	11.4	6.8	0.6	0.2	12.4	1.2	300
24MBAG0183	651800	6197250	20	53.8	1.8	1.1	0.5	1.8	0.4	27.1	0.1	17.9	5.2	3.2	0.3	0.1	8.1	0.9	144
24MBAG0184	651850	6197250	10	127.1	4	2.1	1.6	5.9	0.8	54.3	0.2	45.2	12.2	9.2	0.7	0.3	15.6	1.8	330
24MBAG0185	651900	6197250	20	209.8	5	1.9	2.3	7.5	0.8	93.8	0.3	68.7	20.2	10.5	1	0.4	21.8	1.9	524
24MBAG0186	651950	6197250	10	100.9	3	1.4	1.3	4.1	0.5	52.1	0.3	38.3	10.1	6.1	0.5	0.2	12.3	1.5	274
24MBAG0187	652000	6197250	15	82.2	2.3	1.2	0.9	3.6	0.5	40.5	0.2	27.6	7.7	4.8	0.5	0.3	12	1.5	219
24MBAG0188	652050	6197250	15	81	2.7	1.9	1.2	4.1	0.5	39	0.3	27	8	4.6	0.6	0.3	13.8	1.7	220
24MBAG0189	652100	6197250	15	49	2.2	1.2	0.6	2.3	0.3	22.5	0.2	15.8	4.6	3.3	0.3	0.2	8.5	1.4	132
24MBAG0190	652150	6197250	15	41.7	1.9	1	0.6	2.5	0.4	21.5	0.2	15.1	4	3.1	0.3	0.1	8.8	1.4	121
24MBAG0191	652200	6197250	10	60.9	2.3	1.3	0.6	2.3	0.5	26.7	0.3	17.6	5.1	3.2	0.4	0.2	10.9	1	157
24MBAG0192	652250	6197250	20	58.1	2.3	1.1	0.6	2.2	0.5	17.1	0.2	13.4	3.7	2.6	0.3	0.2	9	1.5	133
24MBAG0193	652300	6197250	20	44.9	1.6	1.2	0.6	2.2	0.4	19.4	0.3	14.5	4	2.4	0.3	0.2	10	1.1	122
24MBAG0194	652350	6197250	15	35.4	2.5	1.6	0.5	2.1	0.6	14.9	0.3	11.2	3	1.9	0.4	0.3	12.9	2.2	106
24MBAG0195	652350	6197200	15	20.1	1.6	1	0.8	2.2	0.3	30.2	0.2	15.9	4.9	2.9	0.3	0.1	7.5	1	105
24MBAG0196	652300	6197200	10	26.5	1.2	0.6	0.4	1.7	0.2	16.8	0.2	9.6	2.9	1.8	0.2	0.1	5.5	0.7	81
24MBAG0197	652250	6197200	20	41.6	1.7	1.2	0.5	1.7	0.4	21.7	0.2	15.4	4.4	2.5	0.3	0.2	9.3	1.4	121
24MBAG0198	652150	6197200	15	49.5	1.9	1	0.6	2	0.4	21.9	0.1	15.1	4.4	3	0.4	0.2	8.9	1	130
24MBAG0199	652100	6197200	10	50.1	2	1.1	0.7	2	0.3	22.3	0.2	16.2	4.7	3.4	0.4	0.2	8.5	1.3	134
24MBAG0200	652050	6197200	10	56	2.1	1	0.7	2.8	0.4	26.7	0.2	18.5	5.3	3.3	0.4	0.1	8.8	1.4	150
24MBAG0201	652000	6197200	80	87.6	2.8	1.3	1	3.2	0.5	43.6	0.2	27.5	8.1	4.3	0.4	0.2	11.2	1	227
24MBAG0202	651950	6197200	15	119.1	3.8	1.7	1.5	4.4	0.6	56.8	0.2	40.1	11.5	7	0.6	0.2	13.7	1.5	309
24MBAG0203	651900	6197200	15	276	5.6	2	2.7	8.9	1	144.9	0.3	97.6	27.7	14.7	1.1	0.3	21.9	2.3	713

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0204	651850	6197200	15	243.2	4.9	2.1	2.3	8.1	0.8	113.1	0.3	74.6	22.6	11.8	0.9	0.4	22.6	1.7	599
24MBAG0205	651800	6197200	20	97.7	1.6	0.9	0.9	3.3	0.4	48.9	0.2	31	9.3	5.4	0.4	0.1	8.2	1.4	246
24MBAG0206	651750	6197200	25	50.7	1	0.8	0.4	1.8	0.2	21.3	0.05	13.1	4	2.5	0.2	0.1	5.7	0.6	121
24MBAG0207	651700	6197200	10	24.4	1.1	0.6	0.4	0.9	0.2	14.4	0.2	9.5	2.8	1.7	0.2	0.05	5	0.7	73
24MBAG0208	651650	6197200	30	33	1.1	0.8	0.5	1.4	0.3	23.3	0.2	13.3	3.9	2.4	0.3	0.1	5.8	0.8	103
24MBAG0209	651600	6197200	35	59.7	2.5	1	0.9	3	0.4	38.3	0.2	24.2	7.1	4.8	0.4	0.2	8.5	1	179
24MBAG0210	651550	6197200	30	37.4	1.2	0.8	0.5	1.4	0.3	22.6	0.2	13.6	3.9	2.3	0.2	0.05	6	0.6	107
24MBAG0211	651500	6197200	10	81.4	2.3	1.5	1.1	3.7	0.4	49.7	0.2	28.4	8.5	5.3	0.5	0.2	11.8	1.1	231
24MBAG0212	651450	6197200	15	67.5	2.7	1.3	0.9	3	0.5	43.5	0.2	23.2	7.3	3.8	0.5	0.2	11.5	1.5	197
24MBAG0213	651400	6197200	15	63.2	2.2	1.3	0.7	2.5	0.5	36.9	0.2	21.7	6.4	4.3	0.4	0.2	10	1.2	179
24MBAG0214	651350	6197200	20	52.1	1.9	0.8	0.7	2.4	0.4	29.4	0.2	16.5	5.1	3.3	0.3	0.2	8.2	1.1	144
24MBAG0215	651350	6197150	15	42.6	1.4	0.8	0.5	2	0.3	31.6	0.1	17.4	5.4	3.1	0.3	0.1	7.5	1.1	134
24MBAG0216	651400	6197150	15	47.4	1.9	0.7	0.5	1.8	0.3	21.1	0.1	12.6	3.9	2.3	0.2	0.1	6	0.9	117
24MBAG0217	651450	6197150	15	28.2	1	0.7	0.4	1.9	0.3	16.6	0.2	12	3.3	2.6	0.2	0.1	6	0.9	88
24MBAG0218	651500	6197150	20	22	0.9	0.6	0.3	1.1	0.2	13.4	0.05	8.3	2.6	1.5	0.2	0.05	5	0.8	67
24MBAG0219	651550	6197150	20	41.4	1.4	0.6	0.5	1.7	0.2	25.9	0.05	14.9	4.7	3.1	0.2	0.1	5.8	0.8	119
24MBAG0220	651600	6197150	15	84.8	2.8	1.2	1.2	3.6	0.5	45.8	0.2	28.5	8.3	5.6	0.5	0.2	11.4	0.9	230
24MBAG0221	651650	6197150	15	35.7	1.4	0.8	0.6	2.2	0.3	26.8	0.1	15.7	4.5	2.7	0.3	0.05	6.2	0.7	115
24MBAG0222	651700	6197150	15	41.8	2.3	1.3	0.7	2.2	0.4	21.8	0.2	16	4.4	2.3	0.4	0.2	8.6	1	122
24MBAG0223	651750	6197150	20	31.2	1.3	0.9	0.4	1.3	0.3	17.9	0.1	10	2.9	1.7	0.2	0.1	6.3	1.3	89
24MBAG0224	651800	6197150	20	203.2	4.4	2.4	2.1	6.9	0.8	98.3	0.2	67.6	19.7	10.8	0.8	0.2	19.2	1.6	515
24MBAG0225	651850	6197150	50	456.4	10.5	4.3	5.4	19.7	1.7	239.8	0.5	180.6	48.8	29.4	2.2	0.5	48.1	3.5	1236
24MBAG0226	651900	6197150	40	106.1	2.4	1.2	1	4	0.4	54.6	0.2	34	10.1	4.8	0.5	0.1	12.2	1.4	274
24MBAG0227	651950	6197150	10	121.6	2.5	1.3	0.9	4.5	0.5	68.6	0.2	38.4	12	5.7	0.5	0.2	11.6	1.1	317
24MBAG0228	652000	6197150	30	77.9	2.3	1.2	0.8	2.7	0.4	43.6	0.2	25.6	7.7	4.1	0.4	0.2	10.3	1.1	210
24MBAG0229	652050	6197150	10	87.4	2.8	1.5	1.1	4.1	0.5	43.4	0.2	28.5	8.3	5.3	0.5	0.2	13.9	1.2	234
24MBAG0230	652100	6197150	15	79.7	2.5	1.2	1	3.6	0.4	33.5	0.2	24.5	7.5	4.7	0.4	0.2	12.8	1	204
24MBAG0231	652150	6197150	15	21.9	1.1	0.7	0.3	1	0.2	11.5	0.1	8.1	2.2	1.7	0.2	0.2	6	0.6	66
24MBAG0232	652200	6197150	15	27.6	1.2	0.6	0.5	1.5	0.3	13.9	0.1	10	3.1	1.9	0.2	0.1	6.1	0.6	80
24MBAG0233	652250	6197150	15	43.6	1.9	1	0.7	2.4	0.4	22.7	0.2	16.8	4.3	2.9	0.3	0.2	8.7	0.7	126
24MBAG0234	652300	6197150	15	34.9	1.3	0.8	0.5	2	0.3	20.1	0.1	12.6	3.9	2.7	0.3	0.1	7.1	1	103
24MBAG0235	652350	6197150	20	24.3	0.9	0.6	0.2	1.2	0.3	12.4	0.05	8.8	2.5	1.4	0.2	0.05	4.4	0.5	68
24MBAG0236	652350	6197100	20	33.5	1.2	1.1	0.4	1.3	0.3	17.5	0.2	11.4	3.3	2.1	0.2	0.1	6.4	0.5	94
24MBAG0237	652300	6197100	15	43.8	1.4	0.8	0.5	2.2	0.3	21.4	0.2	15	4.1	2.9	0.3	0.2	7.8	1.1	120
24MBAG0238	652250	6197100	20	46.2	1.6	1	0.4	1.9	0.4	18.6	0.2	12.6	3.8	2.1	0.2	0.1	7.7	0.9	115
24MBAG0239	652200	6197100	40	59.4	2.8	1.5	0.8	2.7	0.4	25.7	0.2	19.8	5.6	4.1	0.4	0.2	10.7	1.6	160
24MBAG0240	652150	6197100	20	68.2	2.3	1.5	0.8	3.7	0.5	26.2	0.2	20.7	6	4.1	0.5	0.2	12	1.4	175
24MBAG0241	652100	6197100	15	53.8	2.1	1.5	0.6	2.4	0.4	27	0.2	18.3	5.5	3.5	0.4	0.1	10	2.2	151
24MBAG0242	652000	6197100	20	133.8	1.7	0.9	0.7	2.9	0.4	44.1	0.2	25.6	7.8	4.2	0.4	0.05	8.9	1	273
24MBAG0243	651950	6197100	20	60.5	2.7	1.2	0.8	3.7	0.4	43.3	0.1	27.1	7.9	4.7	0.5	0.2	10.2	0.8	193
24MBAG0244	651900	6197100	40	20.8	0.7	0.4	0.1	1.4	0.1	14	0.05	8.6	2.4	1.8	0.1	0.05	4.1	0.7	65
24MBAG0245	651850	6197100	15	362	5.8	2.5	2.4	10	0.9	209.8	0.3	111.2	35.5	15.9	1.3	0.4	25.8	1.9	923
24MBAG0246	651800	6197100	30	224.6	4.2	1.4	1.8	7.5	0.6	130.6	0.2	75.7	22.7	11.5	0.9	0.2	19	1.2	590
24MBAG0247	651750	6197100	30	78.5	2.3	1.4	0.9	4	0.5	40.4	0.2	27.9	8.3	4.2	0.4	0.2	13	0.7	215
24MBAG0248	651700	6197100	25	101.6	3.7	1.6	1.4	4.4	0.6	58.9	0.2	36.6	10.9	5.8	0.6	0.1	12.8	1.8	283
24MBAG0249	651650	6197100	20	77.2	2.5	1.1	1	3.4	0.5	44.1	0.2	27.7	8.1	5	0.4	0.3	10.3	1.5	216
24MBAG0250	651600	6197100	20	74.7	1.8	1	0.6	2.4	0.3	33.5	0.1	20.9	6.1	3	0.3	0.2	8.9	1.2	182
24MBAG0251	651550	6197100	30	32.2	1.1	0.8	0.4	1.4	0.3	16.8	0.05	11.4	3.2	2	0.2	0.1	5.9	0.9	90
24MBAG0252	651500	6197100	25	25.6	1.2	0.7	0.3	1.5	0.3	15.1	0.2	9.6	2.8	1.4	0.2	0.1	6.4	1	78
24MBAG0253	651450	6197100	15	28.3	1.3	0.6	0.3	1.5	0.2	17.8	0.1	9.2	3.1	1.8	0.2	0.2	5.6	0.6	83
24MBAG0254	651400	6197100	50	31.1	0.8	0.9	0.4	1.5	0.2	19.9	0.1	12	3.5	2.4	0.2	0.1	5.5	0.7	93
24MBAG0255	651350	6197100	20	42.9	1.6	0.9	0.7	2.3	0.3	30	0.2	16.7	5	3.2	0.3	0.05	8.6	0.7	134
24MBAG0256	651350	6197050	25	34	1.6	1.2	0.5	1.9	0.4	25	0.2	15.2	4.3	2.9	0.3	0.2	8.5	1.5	115
24MBAG0259	651400	6197050	20	30.4	1.4	0.5	0.4	1.4	0.3	20.9	0.2	12	3.5	1.9	0.2	0.1	5.8	0.7	94
24MBAG0260	651450	6197050	20	27.9	1.9	0.7	0.4	1.6	0.2	20.6	0.2	11.7	3.4	2.2	0.3	0.2	7.1	1.2	94
24MBAG0261	651500	6197050	15	70	2.9	1.6	0.7	3.2	0.5	31.5	0.3	21.8	6.4	3.2	0.5	0.2	13.6	1.5	186
24MBAG0262	651550	6197050	15	17.6	1.2	1	0.4	1.3	0.3	11.2	0.1	7.7	2.1	1.6	0.2	0.1	6.1	1.1	61
24MBAG0263	651600	6197050	15	96.8	3	1.4	1.2	4.1	0.5	46.3	0.2	32.8	9.3	5.6	0.5	0.2	12.9	1.6	255
24MBAG0264	651650	6197050	30	65.3	1.8	1.3	0.8	2.8	0.4	36.2	0.2	21.8	6.9	4.2	0.5	0.2	9.8	1.2	181
24MBAG0265	651700	6197050	15	154.7	2.4	1.3	1.4	4.6	0.5	78	0.2	44.1	13.7	6.9	0.5	0.2	11.1	1.3	377
24MBAG0266	651750	6197050	20	52.3	2.2	1	0.8	2.4	0.4	30.4	0.2	19.2	5.7	3.1	0.3	0.2	10.4	1.5	153
24MBAG0267	651800	6197050	15	51.1	1.6	0.8	0.7	2.2	0.2	43.2	0.1	22	7.3	3.5	0.3	0.05	5.9	0.8	164
24MBAG0268	651850	6197050	15	187.3	1.6	0.8	1.1	3.2	0.3	79.6	0.2	46.1	14.2	6.9	0.4	0.1	6	0.5	409
24MBAG0269	651900	6197050	15	91.2	2.1	1	0.9	3.5	0.5	50.7	0.2	32.9	9.3	5.3	0.4	0.1	9.2	0.8	245
24MBAG0270	651950	6197050	20	104.7	2.5	1	1.6	4.3	0.4	98.4	0.05	54.5	17.7	7.7	0.5	0.05	9.8	0.6	357
24MBAG0271	652000	6197050	20	54.3	1.8	0.9	0.8	2.4	0.3	35.9	0.2	22	6.5	3.5	0.3	0.2	7.1	0.9	161
24MBAG0272	652050	6197050	15	105.8	3	1.9	1.1	4.4	0.6	58.4	0.3	37.6	11.3	6.2	0.6	0.2	14.2	2	291
24MBAG0273	652100	6197050	20	115.6	6	2.8	2	7.4	1.1	52.5	0.6	45.4	12.8	9.2	1	0.5	25.2	2.8	336
24MBAG0274	652150	6197050	20	36.6	1.3	0.8	0.3	1.4	0.3	16.1	0.1	11.4	3.3	2	0.2	0.05	5.9	1.1	95
24MBAG0275	652200	6197050	30	52.6	2.8	1.3	0.7	2.7	0.4	26.7	0.2	19	5.4	3.5	0.4	0.2	11.1	1.3	151
24MBAG0276	652250	6197050	20	62.5	2.8	1.3	0.8	3	0.5	30.3	0.2	22.1	6.4	4.3	0.4	0.2	12.3	1.4	175
24MBAG0277	652300	6197050	15	52.7	1.8	1	0.6	2.1	0.4	24.3	0.2	16.1	4.6	2.7	0.3	0.2	8.9	1	138
24MBAG0278	652350	6197050	20	22.6	0.9	0.6	0.3	0.9	0.2	13.6	0.1	8	2.3	1.6	0.1	0.1	4.7	0.3	66
24MBAG0279	652350	6197000	30	26.8	0.8	0.7	0.3	1	0.2	11.6	0.1	8	2.4	1.4	0.2	0.05	5	0.7	70
24MBAG0280	652300	6197000	50	42.6	1.5	0.8	0.4	1.4	0.2	19	0.1	10.9	3.6	1.9	0.2	0.1	6.8	0.7	106
24MBAG0281	652250	6197000	50	35.2	1.6	0.9	0.4	1.4	0.2	15.9	0.2	10.9	3	2	0.2	0.05	6.7	0.9	94
24MBAG0282	652250	6197000	50	30.6	1.7	0.6	0.4	1.5	0.3	16.5	0.1	10.7	3.2	1.9	0.3	0.1	6.7	0.9	89
24MBAG0283	652200	6197000	40	26.2	1.4	0.7	0.3	1.3	0.2	13.8	0.2	9.1	2.5	1.8	0.2	0.2	6.4	0.9	77
24MBAG0284	652150	6197000	20	69.4	2.7	1.6	1.1	3	0.6	26.3	0.2	21.2	6.1	4.4	0.4	0.3	13.1	1.3	179
24MBAG0285	652100	6197000	30	36	1.5	0.6	0.4	1.6	0.3	19.4	0.1	11.5	3.8	2.2	0.2	0.1	6.3	0.8	100
24MBAG0286	652050	6197000	20	53.7	2	1.1	0.8	2.5	0.3	33.5	0.2	19.3	5.7	3.7	0.4	0.2	10	1	158
24MBAG0287	652000	6197000	15	89.1	3.1	1.7	1.4	5.4	0.6	52.1	0.2	37.7	10.8	7.4	0.8	0.2	13.2	1.3	265
24MBAG0288	651950	6197000	30	70	1.4	0.9	0.7	2.5	0.3	40.4	0.2	25	7.6	4.2	0.4	0.2	9.3	0.7	193
24MBAG0289	651900	6197000	40	75.9	1.7	1	0.8	2.9	0.4	40.9	0.2	25.7	7.5	4.2	0.4	0.2	9.1	1	202
24MBAG0290	651850	6197000	30	73.2	2.1	1.3	0.9	3.3	0.4	39	0.2	25.7	7.7	5	0.4	0.2	8.6	1.4	199
24MBAG0291	651800	6197000	20	36.8	1.5	0.8	0.5	1.5	0.3	21	0.2	13.2	3.7	2.1	0.2	0.1	7.3	1.4	107
24MBAG0292	651750	6197000	20	43.9	1.9	1.2	0.5	1.9	0.3	24.3	0.2	15.5	4.7	2.9	0.3	0.2	8.8	1.3	127
24MBAG0293	651700	6197000	30	32.9	1.5	0.7	0.5	1.5	0.3	26.2	0.2	14	4.3	2.7	0.3	0.1	5.9	0.8	108
24MBAG0294	651650	6197000	20	42.5	1.4	0.9	0.6	2	0.3	29.1	0.1	16.5	4.9	3	0.3	0.1	6.9	0.9	129
24MBAG0295	651600	6197000	25	213.7	5.8	2.4	2.4	8.2	1.1	106.1	0.3	77.1	21.8	12.9	1.1	0.3	25.4	2.2	566
24MBAG0296	651550	6197000	30	89.5	3.9	1.9	1.1	3.9	0.6	33.7	0.3	30.7	8.2	4.9	0.5	0.4	15.7	2.6	233
24MBAG0297	651500	6197000	20	44.9	1.7	1	0.6	2.2	0.4	23.4	0.2	13.2	4.1	2.6	0.3	0.1	8.3	0.7	122
24MBAG0298	651450	6197000	60	15.6	0.8	0.5	0.2	0.8	0.1	11.7	0.05	6.3	1.9	1	0.1	0.05	4	0.6	52
24MBAG0299	651400	6197000	20	122	2.1	1.2	1	2.9	0.6	48.8	0.2	27.2	8.6	4.4	0.4	0.2	11.4	0.9	273
24MBAG0300	651350	6197000	20	25.9	1.1	1	0.4	1.5	0.3	17.4	0.1	10.5	3	1.9	0.2	0.2	6.3	0.5	83
24MBAG0301	651350	6196950	25	35.6	1.7	1.2	0.6	1.9	0.3	23.8	0.2	14.9	4.3	2.5	0.4	0.2	8.7	1.2	115
24MBAG0302	651400	6196950	40	34.1	2.1	1	0.4	1.7	0.4	22.5	0.3	12.5	4	2.5	0.3	0.2	9.3	1.3	109
24MBAG0303	651450	6196950	30	20.1	1	1	0.4	1.2	0.2	15.2	0.2	8.2	2.6	1.2	0.2	0.05	6.8	0.8	70
24MBAG0304	651500	6196950	25	29.3	1.2	0.6	0.3	1.3	0.3	15.5	0.1	10	3	1.9	0.2	0.1	6.8	0.7	84
24MBAG0305	651550	6196950	25	81	1.7	1	0.7	3	0.4	31.1	0.1	24	6.7	4.5	0.4	0.2	8.7	0.8	193

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0306	651600	6196950	20	134	2.7	1.6	0.9	3.8	0.5	78	0.2	40.2	13.1	6.1	0.5	0.2	12.2	0.9	347
24MBAG0307	651650	6196950	20	289	4	1.9	1.8	5.4	0.6	115.2	0.3	70.7	23.1	9.4	0.7	0.3	16.9	1.9	636
24MBAG0308	651700	6196950	20	117.6	2.8	1.2	1	4.1	0.6	53.9	0.3	33	9.9	5.6	0.5	0.2	14.4	2.1	291
24MBAG0309	651750	6196950	25	35.4	1.6	0.7	0.5	1.7	0.3	23	0.2	13.3	4.2	2.3	0.2	0.1	6	0.6	106
24MBAG0310	651800	6196950	25	26.4	1.1	0.9	0.3	1.3	0.2	15.3	0.2	9.4	2.7	1.9	0.2	0.1	6.8	0.9	80
24MBAG0311	651850	6196950	20	23.2	1.4	0.8	0.2	1.1	0.4	13.9	0.2	8.8	2.4	1.4	0.2	0.2	7.7	1.1	74
24MBAG0312	651900	6196950	20	61.9	1.9	1.2	0.6	2.4	0.3	29.8	0.2	19.4	5.9	3.4	0.3	0.1	8.5	1	161
24MBAG0313	651950	6196950	30	70.1	2.8	1.7	0.8	3.2	0.5	31.3	0.2	23	6.5	4.3	0.5	0.1	12.6	1.6	188
24MBAG0314	652000	6196950	20	47.2	1.8	1.3	0.5	2	0.5	22.6	0.2	15.3	4.6	3.1	0.4	0.2	9.9	1.2	131
24MBAG0315	652050	6196950	20	74	2.3	1.7	0.7	2.7	0.5	33.9	0.2	23.2	6.7	4	0.4	0.2	12	1.2	193
24MBAG0316	652100	6196950	25	62.6	2.6	1.5	0.9	2.7	0.5	29.6	0.2	20.6	6.1	3.8	0.4	0.2	13.1	1.5	173
24MBAG0317	652150	6196950	20	48.8	2.1	1.2	0.6	2.3	0.3	25.6	0.2	16.7	5.1	3.3	0.4	0.2	9.4	1.1	138
24MBAG0318	652200	6196950	30	66.6	1.7	1	0.6	2	0.4	23.6	0.2	15.9	5.1	3.2	0.4	0.2	8.1	1.3	153
24MBAG0319	652250	6196950	50	20.7	0.8	0.5	0.3	1	0.1	12.4	0.05	7.6	2.1	1.4	0.1	0.1	4.4	0.7	62
24MBAG0320	652300	6196950	30	50.7	1.9	1.2	0.6	2.1	0.3	23.2	0.2	15.4	4.9	3.2	0.3	0.1	8	1.1	133
24MBAG0321	652350	6196950	60	14.1	0.5	0.3	0.2	0.5	0.1	7	0.1	4.5	1.1	0.9	0.05	0.1	3.5	0.9	40
24MBAG0322	652300	6196900	20	29.9	0.8	0.6	0.3	1.2	0.2	19.1	0.1	10.7	3.2	1.4	0.1	0.05	4.5	0.8	86
24MBAG0323	652250	6196900	20	47.5	1.7	0.9	0.6	1.6	0.2	23.7	0.1	14.5	4.4	2.1	0.3	0.05	6.3	1	124
24MBAG0324	652200	6196900	20	39.3	1.4	1	0.5	1.7	0.4	20.3	0.2	13.3	3.9	2.5	0.2	0.1	7.3	1.3	110
24MBAG0325	652150	6196900	30	55.6	1.6	0.9	0.8	1.9	0.4	24.9	0.2	19.5	5.4	3	0.3	0.1	7.1	0.9	144
24MBAG0326	652100	6196900	30	32.5	1.1	0.5	0.5	1.4	0.2	16.6	0.2	10.2	3.1	1.4	0.2	0.1	5.8	1	88
24MBAG0327	652050	6196900	30	97.4	3.3	1.9	1.2	3.6	0.6	48.4	0.2	30.8	8.8	4.5	0.5	0.2	18	1.7	261
24MBAG0328	652000	6196900	30	61.2	2.8	2	1	3.6	0.5	31.4	0.3	23.5	6.5	3.9	0.4	0.3	16	1.5	183
24MBAG0329	651950	6196900	35	85.5	2.7	1.6	0.9	3.6	0.7	33.3	0.2	23.3	6.3	4.3	0.5	0.2	20.3	1	218
24MBAG0330	651900	6196900	35	48.9	2.5	1.6	0.7	2.3	0.5	24.3	0.3	17.7	5	2.9	0.4	0.3	12.7	1.2	143
24MBAG0331	651850	6196900	15	32.1	2	1.1	0.5	2	0.4	18.4	0.2	12.4	3.7	2.4	0.3	0.1	8.3	1.3	101
24MBAG0332	651800	6196900	10	31.7	1.4	0.7	0.4	1.5	0.3	18.4	0.1	11.6	3.4	2.4	0.3	0.1	7.6	1.1	96
24MBAG0333	651750	6196900	30	29.2	0.7	0.5	0.5	1.4	0.2	22	0.05	11.6	3.8	1.8	0.2	0.05	4.2	0.4	90
24MBAG0334	651700	6196900	25	36.6	1.2	0.7	0.3	1.4	0.2	20.1	0.1	12.1	3.7	2	0.2	0.1	4.8	0.6	99
24MBAG0335	651650	6196900	10	55.6	1.4	0.7	0.7	2.1	0.2	35.7	0.1	18.1	5.9	3.4	0.3	0.05	6.2	0.9	154
24MBAG0336	651600	6196900	10	117.3	2.2	0.9	0.8	2.8	0.3	63.4	0.1	32	10.5	4	0.4	0.2	7.9	0.9	286
24MBAG0337	651550	6196900	15	57.6	1.6	0.8	0.5	1.9	0.4	30.8	0.1	17.6	5.4	3.3	0.3	0.2	7.4	0.8	151
24MBAG0338	651500	6196900	20	28	1.4	0.9	0.3	1.3	0.3	16.9	0.1	9.8	3	1.8	0.2	0.05	6	0.6	83
24MBAG0339	651450	6196900	20	40.7	1.8	1.1	0.7	1.9	0.4	26.5	0.2	16.2	4.9	2.4	0.3	0.2	9.2	1.3	127
24MBAG0340	651400	6196900	15	28.8	1.5	0.8	0.5	1.5	0.4	19.4	0.2	11.8	3.4	2.2	0.2	0.1	7.2	1.2	93
24MBAG0341	651350	6196900	20	26.7	1.5	1.2	0.4	1.6	0.3	18.1	0.2	11.6	3.2	1.8	0.3	0.1	7.6	1.1	89
24MBAG0342	651350	6196850	40	26.8	1.2	1.1	0.4	1.5	0.2	18.6	0.2	10.6	3.5	1.8	0.2	0.2	6.6	1.1	87
24MBAG0343	651400	6196850	30	27.5	1.7	1	0.4	1.6	0.3	18.2	0.2	10.6	3.2	2.2	0.2	0.1	8.3	1.2	91
24MBAG0344	651450	6196850	25	64.3	1.7	0.9	0.6	2.1	0.4	29.1	0.1	16.8	5.1	2.7	0.3	0.1	7.8	1.1	157
24MBAG0345	651500	6196850	20	45.9	2.3	1.2	0.5	2	0.5	28.2	0.2	17.6	5.3	2.5	0.3	0.2	10.9	1.3	140
24MBAG0346	651550	6196850	25	61.9	3.3	1.7	0.9	2.9	0.6	33.9	0.3	23.5	6.4	4	0.4	0.2	13.4	1.4	182
24MBAG0347	651600	6196850	30	97	2.2	0.9	1	3.2	0.4	59	0.2	31.2	9.4	4.9	0.5	0.2	11	1.1	261
24MBAG0348	651650	6196850	20	35.9	1.5	0.7	0.5	1.6	0.3	23.9	0.2	14	4	2.8	0.2	0.1	5.9	0.8	109
24MBAG0349	651700	6196850	25	136.4	3.3	1.9	1.1	4.6	0.7	36.3	0.3	33.3	9.3	6.3	0.6	0.3	16.1	1.8	297
24MBAG0350	651750	6196850	20	62.6	2.7	1.2	0.8	3	0.4	26	0.3	19.6	5.9	3.7	0.5	0.3	11.3	1.7	165
24MBAG0351	651800	6196850	30	22.2	1.8	1	0.3	1.5	0.4	14.7	0.2	9.3	2.7	1.8	0.3	0.2	9.4	1.2	79
24MBAG0354	651850	6196850	25	56.4	2.9	1.7	1	3	0.7	29.1	0.3	20.8	5.9	3.7	0.6	0.3	16.9	1.9	172
24MBAG0355	651900	6196850	20	59.5	4.1	2.4	1.2	3.9	0.7	30.6	0.3	21.5	6.1	4.2	0.6	0.3	18.9	1.5	184
24MBAG0356	651950	6196850	20	59.3	3.4	2.2	1.1	3.6	0.6	27.3	0.4	21.4	5.6	4.5	0.6	0.3	17.2	1.9	176
24MBAG0357	652000	6196850	25	68.7	3.7	2.1	0.9	4.1	0.7	30.8	0.3	26.1	6.8	4.7	0.6	0.3	17.8	1.9	200
24MBAG0358	652050	6196850	30	54.8	2.6	1.3	0.8	2.5	0.5	23.9	0.2	17.6	5.2	3.2	0.3	0.2	11.1	1.1	148
24MBAG0359	652100	6196850	20	67.1	2.5	1.4	0.7	2.9	0.4	24.1	0.3	18.2	5.6	3.9	0.4	0.2	11.1	1.8	166
24MBAG0360	652150	6196850	10	337.6	6.6	3.3	2.8	10.8	1.2	178.2	0.4	116.4	35	17	1.4	0.3	29.7	2.7	874
24MBAG0361	652200	6196850	20	54.2	1.2	0.7	0.3	2.1	0.2	32.2	0.05	17.3	5.4	2.7	0.2	0.1	5.6	0.8	145
24MBAG0362	652250	6196850	15	57.6	1.3	0.8	0.7	2.3	0.3	28.4	0.1	18	5.1	3.4	0.3	0.1	5.7	0.7	147
24MBAG0363	652300	6196850	15	33.2	1.1	0.8	0.4	1.4	0.2	16.7	0.1	10.9	3.3	2.6	0.2	0.1	4.7	0.7	90
24MBAG0364	652350	6196850	20	19	0.8	0.4	0.3	0.9	0.2	11.4	0.05	6.4	1.9	1.5	0.1	0.05	3.3	0.4	55
24MBAG0365	652350	6196800	20	16.8	0.8	0.5	0.2	0.7	0.1	9.8	0.1	5.9	1.7	1.1	0.1	0.1	4.3	0.7	51
24MBAG0366	652350	6196800	20	16.3	0.7	0.6	0.3	0.9	0.2	9.4	0.05	5.9	1.8	0.9	0.1	0.05	4	0.6	49
24MBAG0367	652300	6196800	30	42.5	1.4	0.6	0.4	1.6	0.3	26.3	0.1	13.8	4.3	2.1	0.2	0.05	6.3	0.8	116
24MBAG0368	652250	6196800	15	72.1	1.5	0.5	0.5	2.3	0.2	40.2	0.1	19.4	6.3	3.2	0.2	0.1	6.1	0.6	180
24MBAG0369	652150	6196800	15	212.3	3.9	1.4	1.5	4.6	0.7	115	0.2	67.2	21.4	9.4	0.6	0.2	14.7	1.7	534
24MBAG0370	652100	6196800	20	61.2	2.2	1.3	0.7	3.1	0.5	28.3	0.2	20.2	5.7	3.5	0.4	0.2	10.4	1.3	164
24MBAG0371	652050	6196800	20	129.3	6.6	3.6	1.9	5.7	1.3	32.7	0.5	34.6	9.5	7.4	1.1	0.5	31	3.5	318
24MBAG0372	652000	6196800	40	92.2	7	3.7	2.5	6.5	1.3	47.9	0.6	41.2	11.1	8.8	1	0.6	34.8	4.7	312
24MBAG0373	651950	6196800	20	67.6	4.3	2.8	1.5	4.8	0.9	35.1	0.4	27.4	7.4	5.7	0.6	0.5	25.8	3.3	218
24MBAG0374	651900	6196800	25	62.2	3.8	2.3	1.1	3.5	0.7	26.9	0.4	22.2	6.3	4.6	0.7	0.4	17.8	1.9	183
24MBAG0375	651850	6196800	20	37.5	1.4	0.9	0.5	1.5	0.4	17.8	0.2	11.3	3.2	2.7	0.3	0.2	8.9	1.5	104
24MBAG0376	651800	6196800	20	44.8	2.4	1.3	0.7	2.4	0.4	20.2	0.2	15.2	4.1	3.1	0.4	0.2	10.2	0.9	126
24MBAG0377	651750	6196800	30	51	2.2	1.5	0.6	2.3	0.5	24.3	0.3	18	4.7	3.6	0.4	0.2	11.8	1.4	145
24MBAG0378	651700	6196800	20	38.3	1.8	1.4	0.5	1.8	0.5	20.5	0.2	13.4	4.1	2.4	0.2	0.2	10.6	1.3	115
24MBAG0379	651650	6196800	25	61.7	3.1	1.8	0.9	3.7	0.6	31.6	0.3	23.4	6.5	4.7	0.5	0.3	15.2	1.7	184
24MBAG0380	651600	6196800	20	42.4	2	1.1	0.6	2.1	0.5	25.3	0.2	13.3	4.2	2.8	0.3	0.2	10.4	1.6	126
24MBAG0381	651550	6196800	20	36.5	1.9	1.3	0.6	2.1	0.4	23.3	0.2	13.2	4.3	2.3	0.3	0.2	9.5	1.6	115
24MBAG0382	651500	6196800	15	40	1.7	1.2	0.5	2.3	0.4	25.7	0.2	15.3	4.7	3	0.3	0.2	9.6	1.4	126
24MBAG0383	651450	6196800	20	53.2	2.1	1.1	0.8	2.6	0.3	33.8	0.2	19.9	6.1	3.5	0.3	0.2	10	1.1	159
24MBAG0384	651400	6196800	30	29.5	1.5	0.8	0.5	1.8	0.3	19.8	0.2	11.4	3.5	2.1	0.2	0.1	7.9	0.8	95
24MBAG0385	651350	6196800	25	29.4	1.6	0.8	0.5	1.7	0.3	19.9	0.1	11.8	3.5	2	0.3	0.2	7.5	1.2	95
24MBAG0386	651350	6196750	30	22.5	1.1	0.8	0.3	1.3	0.2	15.7	0.1	8.8	2.5	1.8	0.2	0.1	5.3	1	73
24MBAG0387	651400	6196750	30	23.9	1.2	0.7	0.4	1	0.2	16.7	0.1	10.6	3.1	1.6	0.2	0.1	5.5	0.8	78
24MBAG0388	651450	6196750	20	34.1	1.9	0.8	0.5	1.8	0.4	23	0.1	13.1	4.3	2.5	0.3	0.1	7	1.2	107
24MBAG0389	651500	6196750	20	28.7	1.3	0.9	0.4	1.4	0.3	15.4	0.1	10	3.2	2.4	0.2	0.1	6.5	0.8	85
24MBAG0390	651550	6196750	20	42.2	2.1	1.2	0.4	2	0.4	24.4	0.2	16.5	4.7	3.1	0.4	0.2	10.3	1.2	129
24MBAG0391	651600	6196750	20	31.8	1.5	1	0.4	1.7	0.3	17.5	0.2	11.7	3.3	1.9	0.2	0.1	7.6	0.8	94
24MBAG0392	651650	6196750	25	23.6	1.4	0.9	0.4	1.2	0.3	15	0.2	9.5	2.4	1.6	0.2	0.05	6.7	1	76
24MBAG0393	651700	6196750	30	46.3	2.7	1.4	0.6	2.2	0.5	23.2	0.3	17.3	4.8	3.5	0.4	0.1	11.9	1.5	138
24MBAG0394	651750	6196750	15	23.2	1.3	0.9	0.4	1.4	0.4	13.4	0.2	9.3	2.5	1.7	0.2	0.1	7.5	0.8	75
24MBAG0395	651800	6196750	25	40.3	2.7	1.8	0.8	2.8	0.6	18.8	0.3	15.6	4.3	3.2	0.4	0.3	14.8	2	129
24MBAG0396	651850	6196750	20	47.9	2.7	1.6	0.8	3.1	0.5	21.6	0.3	16.9	4.7	2.9	0.5	0.2	14	1.3	141
24MBAG0397	651900	6196750	20	79.3	4.4	2.5	1.2	4.1	0.7	28.6	0.3	21.7	6.3	5.1	0.7	0.2	18.2	2.2	207
24MBAG0398	651950	6196750	30	84.8	5	3.2	1.6	5.2	0.9	37	0.4	31.5	8.4	6	0.9	0.3	24.9	3.2	252
24MBAG0399	652000	6196750	50	78.5	6.2	4	1.8	5.6	1.3	30.3	0.6	30.5	8.3	6.7	1	0.7	29.7	3.3	247
24MBAG0400	652050	6196750	20	44.7	1.3	0.9	0.6	1.8	0.3	20.3	0.1	13.4	4.1	2.5	0.3	0.05	6.7	0.9	115

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0401	652100	6196750	40	53.6	3.1	1.3	1.2	3.2	0.4	24.8	0.1	20.4	5.8	3.9	0.6	0.3	12	1.1	155
24MBAG0402	652150	6196750	20	38.1	2.7	1.6	0.9	2.7	0.4	15.6	0.3	14.6	4.3	3.7	0.4	0.3	10.2	2.3	116
24MBAG0403	652200	6196750	15	84	1.4	0.8	0.5	1.9	0.3	50.1	0.05	26.9	8.6	3.8	0.3	0.2	5.9	0.9	218
24MBAG0404	652250	6196750	15	65	1.3	0.9	0.6	2.1	0.3	34.4	0.2	19.1	6.1	4.2	0.3	0.2	6.8	0.8	167
24MBAG0405	652300	6196750	25	44.5	1.9	0.6	0.5	1.5	0.3	21.6	0.2	12.6	3.7	1.9	0.2	0.1	6.6	0.8	114
24MBAG0406	652350	6196750	60	32.3	1.8	0.7	0.6	1.2	0.3	16	0.1	11.2	3.3	2.3	0.2	0.2	7.5	0.9	93
24MBAG0407	652350	6196700	20	33.1	1.4	1	0.6	1.9	0.3	21.1	0.1	10.7	3.3	2.2	0.3	0.1	7.9	0.9	100
24MBAG0408	652300	6196700	20	56.4	2.7	1.3	1.1	2.7	0.4	28.4	0.2	17.9	5.5	3.7	0.4	0.3	13.2	1.6	160
24MBAG0409	652250	6196700	15	48.8	1.6	0.8	0.5	2	0.2	29.2	0.2	11.9	3.9	2.7	0.2	0.2	7.2	1	130
24MBAG0410	652200	6196700	20	97.7	4.4	2.6	1.5	4.7	0.7	45.7	0.3	31.7	9.1	6.1	0.9	0.3	20.3	1.7	269
24MBAG0411	652150	6196700	15	60.8	2.2	1.2	1	2.4	0.4	30.9	0.1	21.7	6.5	4.1	0.4	0.1	8.8	1	167
24MBAG0412	652100	6196700	25	27.1	2.1	1	0.7	1.9	0.3	12.6	0.1	12.4	3.2	2.4	0.3	0.2	8.4	0.8	87
24MBAG0413	652050	6196700	15	17.6	1.4	0.6	0.5	1	0.2	8.8	0.2	7.4	1.9	1.5	0.2	0.1	5.6	0.6	56
24MBAG0414	652000	6196700	20	35.6	1.6	1	0.5	1.8	0.3	14	0.2	12.1	3.4	2.4	0.4	0.2	6.9	1.2	96
24MBAG0415	651950	6196700	30	25.4	1	0.6	0.3	1.1	0.2	14.3	0.05	8.9	2.6	1.3	0.2	0.2	4.8	0.7	73
24MBAG0416	651900	6196700	20	47.1	4.2	2.1	1.2	4.3	0.7	23.4	0.3	20.1	5.5	4.5	0.6	0.4	17.9	2	159
24MBAG0417	651850	6196700	30	49	2.8	2	1	3.1	0.6	22.6	0.2	18.7	5.3	4.5	0.6	0.3	15.9	2.1	152
24MBAG0418	651800	6196700	15	42.9	3.3	1.8	0.8	3.6	0.6	21.2	0.3	17.8	4.8	4.1	0.5	0.3	15.6	2.6	142
24MBAG0419	651750	6196700	15	46.3	3.3	1.9	1	3.9	0.5	24.6	0.3	19.4	5.4	4.4	0.5	0.2	16.2	1.9	153
24MBAG0420	651700	6196700	40	50.1	3.2	1.7	1	3	0.6	25.7	0.3	17.6	5.1	4.1	0.5	0.3	14.5	1.3	152
24MBAG0421	651650	6196700	30	29.5	1.5	1.1	0.4	1.8	0.3	18.1	0.1	10.5	3.4	2.2	0.2	0.1	6.3	0.4	89
24MBAG0422	651600	6196700	30	27.6	1.7	1	0.3	1.4	0.2	16.4	0.2	9.8	3	1.6	0.2	0.1	7.1	0.9	84
24MBAG0423	651550	6196700	20	36.4	2.1	1.3	0.4	2.1	0.4	20.9	0.2	12.8	3.8	2.3	0.4	0.3	9.7	1.8	112
24MBAG0424	651500	6196700	30	41.6	1.7	1.1	0.6	2.2	0.4	26.2	0.2	17.1	5	2.5	0.4	0.2	9.2	1.4	129
24MBAG0425	651450	6196700	20	121.5	2.1	1.2	0.8	2.6	0.3	44.5	0.2	22.1	7.1	4	0.3	0.2	7.3	1.3	253
24MBAG0426	651400	6196700	20	22.9	0.8	0.5	0.4	1.3	0.2	15.3	0.05	8.8	2.8	1.9	0.2	0.05	5.2	0.7	72
24MBAG0427	651350	6196700	20	21	1.4	1	0.2	1.3	0.2	14.2	0.2	7.8	2.6	1.3	0.3	0.2	6.8	1	70
24MBAG0428	651350	6196650	15	78.2	2	1.1	1	3.1	0.4	40.5	0.1	24.4	7.3	4.4	0.4	0.2	10.2	1.3	205
24MBAG0429	651400	6196650	10	17.3	0.9	0.7	0.2	0.9	0.3	11.6	0.05	6.9	2.1	1.1	0.2	0.2	4.6	0.6	56
24MBAG0430	651450	6196650	10	45.2	1.5	1.1	0.5	2.3	0.3	27.9	0.1	16.3	5.1	3.4	0.3	0.2	8.7	1	134
24MBAG0431	651500	6196650	20	28.7	0.9	0.9	0.3	1.3	0.2	17.7	0.05	9.5	3.1	1.7	0.2	0.2	5.7	0.7	84
24MBAG0432	651550	6196650	20	22.3	1.5	0.7	0.3	1.4	0.3	15.9	0.1	8.2	2.7	1.6	0.2	0.1	7	1.3	75
24MBAG0433	651600	6196650	15	34.5	2.4	1.4	0.4	1.6	0.5	20.1	0.3	11.7	3.7	2.6	0.3	0.2	11.1	1	109
24MBAG0434	651650	6196650	20	19	0.6	0.6	0.2	0.8	0.2	11.2	0.05	7.1	2.1	1.3	0.2	0.1	4.2	0.6	57
24MBAG0435	651700	6196650	20	51.6	2.3	1.5	0.7	2.5	0.4	27.5	0.2	19.2	5.5	3.6	0.4	0.3	11.7	1.1	152
24MBAG0436	651750	6196650	15	47.6	3.3	1.5	0.8	2.6	0.5	24.6	0.2	17.3	5	3.3	0.4	0.2	14.8	2.2	147
24MBAG0437	651800	6196650	15	59.5	3.6	2.3	0.9	3.6	0.6	26.7	0.3	20.4	6	4.5	0.6	0.5	18.3	2.4	177
24MBAG0438	651850	6196650	20	44	2.2	1.9	0.8	3.1	0.6	24.5	0.2	16.9	5.1	3.5	0.5	0.2	15.5	1.9	143
24MBAG0439	651900	6196650	20	48.3	3.8	2.7	1	4.3	0.7	25	0.3	20.5	5.3	4.2	0.6	0.4	21.8	2.1	167
24MBAG0440	651950	6196650	30	151.5	8.9	4	2.4	7.7	1.5	34.4	0.6	36.5	9.9	7.1	1.3	0.4	34.2	4	359
24MBAG0441	652000	6196650	20	20.3	1.1	0.6	0.4	1.3	0.2	12.2	0.1	7.3	2.3	0.9	0.2	0.1	5.4	0.6	63
24MBAG0442	652050	6196650	30	18.4	0.4	0.5	0.1	0.6	0.2	8.9	0.05	4.5	1.4	1.1	0.1	0.05	3.3	0.5	47
24MBAG0443	652100	6196650	10	18.2	1.1	0.6	0.3	0.8	0.2	10.5	0.05	6	2	1.4	0.2	0.2	4.8	0.8	56
24MBAG0444	652150	6196650	15	22.1	1.2	0.7	0.4	1.5	0.2	11.8	0.1	8.6	2.4	1.7	0.2	0.1	6.8	0.5	69
24MBAG0445	652200	6196650	20	25.8	1.1	0.7	0.3	1.1	0.2	13	0.1	8.3	2.4	1.7	0.2	0.2	5.9	1	73
24MBAG0446	652250	6196650	20	46.6	2.1	1.1	0.7	2.5	0.3	22.2	0.2	14.5	4.5	2.7	0.4	0.2	9	1	127
24MBAG0447	652300	6196650	20	69	4	2.2	0.9	3.9	0.8	30.9	0.3	23.4	6.5	4.7	0.5	0.3	17.8	2.2	198
24MBAG0448	652350	6196650	30	40.1	1.5	0.9	0.6	2	0.3	22.2	0.2	14	3.9	2.7	0.2	0.2	8.6	1	116

Chillinup and Dump Road Grids Analytical Data

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0449	648650	6199550	60	26.4	0.9	0.8	0.4	1.5	0.3	13.2	0.1	9.6	2.9	2.1	0.2	0.2	6.3	0.8	78
24MBAG0450	648650	6199500	50	31.9	2.1	1.1	0.7	2.5	0.3	19.6	0.2	14.4	4.4	3.2	0.4	0.2	9	1.1	107
24MBAG0451	648650	6199450	70	27.6	2	1.3	0.7	2.6	0.3	20.7	0.2	15.7	4.9	3.1	0.3	0.2	9.9	1.1	107
24MBAG0452	648650	6199400	60	72.6	5.3	2.5	1.6	5.6	0.8	36.5	0.4	35.1	10	7.1	1	0.3	20.6	1.8	237
24MBAG0453	648650	6199300	15	56.6	2.4	1.7	0.9	3.2	0.4	23.8	0.3	23.8	6.5	4.9	0.5	0.2	10.5	1.6	162
24MBAG0456	648650	6199250	15	86	4.1	1.6	1.2	4	0.6	42	0.2	29.9	9.1	5.9	0.6	0.3	14.7	1.5	238
24MBAG0457	648650	6199200	15	76.6	4.6	2.2	1.6	5.6	0.8	39.5	0.4	35	10.1	7.1	0.8	0.4	19.5	2	243
24MBAG0458	648650	6199150	20	78.8	5	2.7	1.8	6.6	1	38.5	0.4	37.4	9.6	8.4	1	0.5	22.8	2.7	256
24MBAG0459	648650	6199100	20	82	6.3	4.6	1.9	6.7	1.4	36.9	0.6	34.1	9.4	7.5	1.1	0.5	32.5	3.1	271
24MBAG0460	648650	6199050	20	203	13.3	6.6	4.3	15.8	2.4	105.6	0.7	88	24	18.1	2.4	0.9	68.8	4	660
24MBAG0461	648650	6198900	30	204.1	4.1	1.8	2.6	6.2	0.8	111.4	0.3	65.4	19.8	9.9	0.9	0.2	19.6	2	528
24MBAG0462	648650	6198800	20	240.6	6.3	3.6	3	9.9	1.1	122.6	0.5	86	25.5	13.4	1.2	0.6	35.8	4	652
24MBAG0463	648650	6198750	40	76	2.6	1.2	0.9	3.3	0.5	41.8	0.3	26.3	8.2	4.3	0.4	0.2	11.9	1	211
24MBAG0464	648650	6198700	25	109.8	3.1	1.7	1.5	4.7	0.5	69.2	0.3	43	13.1	6.6	0.6	0.3	15.1	1.8	319
24MBAG0465	648650	6198650	70	351.9	4.6	1.6	2.6	7.8	0.7	162.9	0.2	92.6	30.9	14.3	0.8	0.2	15.5	1.4	808
24MBAG0466	648650	6198600	15	239.9	6.1	2.7	2.9	10.3	1	153	0.4	93.8	28.9	14.8	1.1	0.4	28	2.9	689
24MBAG0467	648650	6198550	30	201.8	4.7	2.2	2.2	6.7	0.8	102.4	0.4	66.3	20.4	9.6	0.8	0.4	22.1	2.2	521
24MBAG0468	648700	6198550	15	184.5	5.9	2.7	2	8.4	1	80.7	0.4	60.3	17.2	11.2	1	0.4	24.3	2.5	474
24MBAG0469	648700	6198600	15	179	4.3	2.4	2.1	6.5	0.7	102.6	0.3	63.5	19.6	9	0.8	0.4	21.1	2.4	488
24MBAG0470	648700	6198650	15	160	4.6	2.2	2.4	7.9	0.9	114.4	0.3	69.6	21.8	10.5	0.9	0.4	23	2.5	496
24MBAG0471	648700	6198750	40	112.7	4	1.9	1.3	4.8	0.7	65.5	0.3	41	12.5	7.3	0.7	0.3	18	2.3	322
24MBAG0472	648700	6198750	40	103.6	3.1	2.3	1.4	5.1	0.7	65	0.3	41.3	12.9	6.7	0.6	0.4	18.4	2.2	311
24MBAG0473	648700	6198800	40	93.8	4	2.5	1.9	5.4	0.7	66.3	0.4	43.6	13.4	7.1	0.7	0.3	23.7	2.4	314
24MBAG0474	648700	6198850	30	186	4.6	2.4	2.3	7.5	1.1	108	0.4	61.9	19.1	10.5	0.9	0.3	25.3	2.1	509
24MBAG0475	648700	6198900	15	204	5.6	3.2	2.6	8.5	1.1	87	0.4	66.2	19.8	12	1	0.4	29.2	2.6	522
24MBAG0476	648700	6198950	20	252.3	4.4	2.5	1.9	5.6	1	79.5	0.4	53.5	15.5	8.2	0.9	0.5	24.5	1.9	532
24MBAG0477	648700	6199000	30	291.7	7.3	3.8	3.8	11.8	1.4	143.9	0.5	109.9	30.9	17.9	1.6	0.5	33.2	3	778
24MBAG0478	648700	6199050	20	360.2	13.1	5.6	5.8	22	2.3	216.5	0.6	170.3	48.5	28.1	2.6	0.7	50.8	4.7	1096
24MBAG0479	648700	6199100	25	89.7	8	4.1	2.2	9	1.5	39.7	0.5	42.1	10.9	9.5	1.4	0.6	39	4.7	311
24MBAG0480	648700	6199150	15	92.4	6	3.3	2.2	7.3	1.1	35.3	0.4	36.7	9.5	8	1.1	0.5	25.6	3.5	275
24MBAG0481	648700	6199200	20	76	5.3	2.6	2	6.2	0.8	33.4	0.4	35.5	9.4	8.4	0.9	0.5	20	2.5	240
24MBAG0482	648700	6199250	15	61.5	2.9	1.9	1.2	4.2	0.6	31.9	0.3	25.3	7	5.7	0.6	0.3	14.2	1.2	187
24MBAG0483	648700	6199300	20	32	1.3	0.9	0.5	1.5	0.3	15.1	0.1	12.9	3.6	2.2	0.2	0.2	7.9	1.3	94
24MBAG0484	648700	6199350	50	77.3	2.5	1.6	1	3.3	0.4	35.9	0.2	30.9	9.6	5.9	0.5	0.1	12.6	1.3	216
24MBAG0485	648700	6199400	70	8.4	1.3	0.6	0.05	0.7	0.2	5.8	0.1	3.8	1.3	0.8	0.2	0.1	5	0.7	34
24MBAG0486	648700	6199450	70	30.4	2.1	1.8	0.4	1.8	0.4	16.7	0.2	10.7	3.7	2.1	0.3	0.2	8.1	0.9	93
24MBAG0487	648700	6199500	50	15.3	1.2	0.5	0.3	1.1	0.2	9.9	0.1	6.7	2.1	1.7	0.2	0.1	4.9	0.5	53
24MBAG0488	648700	6199550	25	38.3	1.8	0.8	0.5	2	0.3	32.8	0.1	19.1	6	3	0.3	0.1	6.6	0.6	132
24MBAG0489	648750	6199550	35	22.3	0.9	0.7	0.3	1.2	0.2	14.6	0.1	9.1	2.7	1.7	0.2	0.1	5.5	0.6	71
24MBAG0490	648750	6199500	45	19.4	1.5	0.7	0.4	1.7	0.1	14.2	0.1	9.1	3	2.1	0.3	0.1	6	0.9	70
24MBAG0491	648750	6199450	60	10.8	0.7	0.6	0.2	1.1	0.2	7.7	0.1	5.3	1.6	1	0.1	0.1	4.6	0.8	41
24MBAG0492	648750	6199400	70	11.1	2.2	1.1	0.7	3	0.5	15	0.2	13.6	4.1	3.1	0.5	0.3	10.9	1	80
24MBAG0493	648750	6199350	100	18.6	1	0.5	0.4	1.2	0.2	10.8	0.1	9.1	2.6	2.3	0.2	0.1	5.3	0.8	63
24MBAG0494	648750	6199300	15	54.1	1.8	0.9	0.7	1.9	0.3	32.2	0.2	16.7	5.4	3.3	0.3	0.1	7.1	0.9	148
24MBAG0495	648750	6199250	20	24.3	1.4	0.8	0.4	1.7	0.2	11.8	0.2	9.8	2.8	2.3	0.3	0.1	7	1.1	76
24MBAG0496	648750	6199200	20	70.7	8.2	4.9	2.9	9.4	1.6	31.8	0.8	39.1	9.1	10	1.4	0.7	34.1	4.7	271
24MBAG0497	648750	6199150	20	54.9	4.8	2.3	1.5	5	0.8	23.6	0.4	25.1	6.7	5.6	0.7	0.3	18	2.4	180
24MBAG0498	648750	6199100	20	52.8	3	1.7	0.8	3.5	0.5	24.4	0.3	20.7	5.6	4.2	0.5	0.3	14.2	1.7	158
24MBAG0499	648750	6199050	20	44.7	2.8	1.6	0.8	3	0.5	23.7	0.3	17.9	5.2	3.5	0.4	0.3	12	1.8	140
24MBAG0500	648750	6199000	20	84.4	3.1	1.6	1	3.8	0.6	40.4	0.3	27.2	8.3	5.8	0.5	0.3	14.7	1.9	228
24MBAG0501	648750	6198950	20	73.5	2.8	1.4	1.4	3.9	0.6	48.5	0.3	31.8	9.6	5.7	0.6	0.3	14.8	2	232
24MBAG0502	648750	6198900	30	135.9	5.2	2.2	2.2	7.7	0.8	90.1	0.3	61.9	18.9	10.3	1	0.4	25.6	2.8	430
24MBAG0503	648750	6198850	20	167.3	6.1	2.8	2.4	7	0.9	94.2	0.5	61.8	18.4	9.8	0.9	0.4	28.5	2.3	475
24MBAG0504	648750	6198800	30	84.3	3.7	1.9	1.4	4.8	0.6	50.4	0.4	31.3	9.8	5.6	0.6	0.4	18.3	1.9	254
24MBAG0505	648750	6198750	30	78.6	3.2	1.6	1.1	3.9	0.5	45.2	0.3	29.6	8.9	5.1	0.5	0.3	16.4	1.9	232
24MBAG0506	648750	6198700	30	81.4	2.9	1.5	1.2	3.3	0.6	46	0.2	28.8	8.9	4.7	0.5	0.2	14	1.3	230
24MBAG0507	648750	6198650	20	117.7	4.1	1.7	1.6	5.4	0.6	72.1	0.3	43.9	13.6	7.4	0.7	0.3	17	1.8	339
24MBAG0508	648750	6198600	25	201.8	5.2	2.6	2.4	7.7	0.9	117.3	0.4	73.2	22.5	12	1.1	0.2	23.3	2.3	556
24MBAG0509	648750	6198550	25	106	3.5	2	1.3	4.5	0.6	49.3	0.4	36.7	10.5	5.5	0.6	0.4	18.1	1.8	284
24MBAG0510	648800	6198550	20	141.9	4.5	2.2	1.7	6.3	0.9	76	0.3	55.6	15.9	9	0.9	0.3	22.5	1.9	400
24MBAG0511	648800	6198600	25	99.3	3	1.5	1.3	4.1	0.5	55.7	0.3	38	10.9	5.2	0.6	0.3	14.2	1.7	278
24MBAG0512	648800	6198650	35	93.3	3	1.8	1	4	0.8	46.7	0.3	32.4	9.4	5.2	0.6	0.4	16	2.2	256
24MBAG0513	648800	6198700	35	92.9	3.2	2.1	1.1	4.3	0.7	48.9	0.3	33.1	9.7	5.9	0.6	0.4	17.1	1.8	262
24MBAG0514	648800	6198750	35	76.3	3	1.8	1	4	0.6	40.3	0.3	29.5	8.4	4.4	0.5	0.3	16	1.8	222
24MBAG0515	648800	6198800	30	113.5	4.4	1.8	1.5	5.3	0.7	63.4	0.3	45.6	13.1	7	0.8	0.3	19.7	1.8	329
24MBAG0516	648800	6198850	35	77.3	3.3	1.6	0.9	3.7	0.6	43.4	0.3	29.6	8.6	5.1	0.6	0.3	16.4	1.4	228
24MBAG0517	648800	6198900	25	54.3	2.9	1.6	0.9	3.1	0.4	31.6	0.3	23.5	6.9	4.4	0.4	0.3	13.6	1	171
24MBAG0518	648800	6198950	20	48.9	1.9	1.4	0.7	2.5	0.3	25.3	0.3	19.8	5	3.9	0.4	0.3	12.7	1.4	147
24MBAG0519	648800	6199000	20	65.6	2	1.5	0.9	3.1	0.4	35.2	0.2	22.7	6.7	3.8	0.5	0.3	11.5	1.8	184
24MBAG0520	648800	6199100	10	77.8	2.8	1.4	1.1	3.7	0.7	43.9	0.3	28.2	8.5	4.4	0.5	0.4	14	2	223
24MBAG0521	648800	6199150	15	41.5	4.2	2.8	1.2	4.2	0.5	15.6	0.5	19.7	4.7	4.4	0.6	0.5	19.2	2.3	145
24MBAG0522	648800	6199200	20	50.9	9.1	4.9	2.5	8.8	1.8	20.8	0.8	33.6	7.5	8.8	1.5	0.9	42.6	5.7	238
24MBAG0523	648800	6199250	25	51	7.9	4.9	2.5	8.6	1.5	20.9	0.7	33.1	7.7	8.5	1.3	0.7	36.2	4.3	225
24MBAG0524	648800	6199300	25	43.8	3	1.7	1.2	4	0.6	25.1	0.2	27.7	6.7	5.9	0.6	0.3	14.5	1.8	162
24MBAG0525	648800	6199350	70	26.8	1.1	0.7	0.5	1.6	0.3	15.8	0.2	11.4	3.1	1.7	0.3	0.2	6.1	0.4	83
24MBAG0526	648800	6199400	80	15.3	1.5	0.8	0.3	1.6	0.1	8.7	0.1	7.6	2.1	1.4	0.2	0.2	5.8	0.7	55
24MBAG0527	648800	6199450	80	18.9	0.9	0.5	0.2	1	0.2	10	0.1	6.8	2	1.3	0.2	0.2	4.9	0.7	57
24MBAG0528	648800	6199500	80	20.1	1.7	0.7	0.4	1.5	0.3	12	0.1	8.7	2.5	2	0.2	0.2	6.7	0.9	69
24MBAG0529	648800	6199550	50	52.9	2.4	0.9	0.8	2.9	0.4	20.2	0.1	20.1	5.2	3.7	0.4	0.2	8.9	1.1	142
24MBAG0530	648850	6199550	70	41.1	1.5	1.1	0.4	1.6	0.3	21.9	0.1	13.3	3.8	2	0.3	0.2	7	0.7	112
24MBAG0531	648850	6199500	70	24.2	1	0.8	0.5	1.6	0.3	13.4	0.1	10.5	2.7	1.7	0.2	0.2	6.6	0.8	76
24MBAG0532	648850	6199450	60	23.8	1.7	0.9	0.3	1.5	0.2	9.3	0.1	8.7	2.7	2.2	0.3	0.2	5.6	0.8	69
24MBAG0533	648850	6199400	100	18.4	1	0.5	0.3	1.1	0.2	11	0.1	7	2	1.4	0.2	0.1	4.7	0.7	57
24MBAG0534	648850	6199350	20	137.9	5.9	3.6	1.9	6.7	1.1	33	0.5	39.3	10.4	8.5	1	0.6	25.1	2.5	328
24MBAG0535	648850	6199300	20	53.9	4.1	2.5	1.5	5.5	0.7	20.9	0.4	27.4	6.5	6	0.7	0.4	17.4	1.9	177
24MBAG0536	648850	6199250	20	26.5	3.7	2.1	0.7	4.1	0.7	12.2	0.3	16.5	3.9	4.7	0.5	0.5	15.1	2.4	112
24MBAG0537	648850	6199200	15	37.7	4.5	2.6	1.3	5.5	0.9	14.8	0.5	22.5	5	5.5	0.8	0.5	21.5	2.4	149
24MBAG0538	648850	6199150	30	109.5	3.9	2.3	2	5.7	0.8	62.8	0.3	48.4	13.5	8.1	0.8	0.3	17	2.1	327
24MBAG0539	648850	6199100	20	178.3	5.5	2.4	2.2	7.7	1	82.6	0.3	69.3	19.1	11.4	0.9	0.4	19.7	1.7	473
24MBAG0540	648850	6199050	20	115.8	3.4	1.8	1.7	6.1	0.6	61.2	0.4	46.7	13.5	7.7	0.8	0.4	18.3	2.1	330
24MBAG0541	648850	6199000	20	81.3	2.9	1.9	1.2	4.1	0.4	49.2	0.2	34.6	10.2	5.4	0.6	0.3	14.9	1.3	246
24MBAG0542	648850	6198950	20	92.1	3.5	1.7	1.4	4.1	0.6	45.1	0.3	35.3	9.8	6.5	0.7	0.3	15.1	2.3	258
24MBAG0543	648850	6198900	20	126.6	3.8	1.4	1.3	5	0.6	60	0.3	41.8	12.2	6.3	0.6	0.3	15.9	1.8	327
24MBAG0544	648850	6198850	30	60	3.6	1.8	1.1	3.7	0.6	41.2	0.3	26.2	7.4	4.9	0.6	0.4	19.3	2	204
24MBAG0545	648850	6198800	30	65.8	3.1	1.6	1.1	3.7	0.5	41.3	0.3	28.7	8.6	4.8	0.5	0.4	16.3	2	211
24MBAG0546	648850	6198750	30	53.6	2	1.5	0.6	2.3	0.4	25.7	0.2	15.2	4.4	2.7	0.3	0.3	12.6	1.4	145
24MBAG0547	648850	6198700	30	31.1	1.4	1	0.4	1.8	0.3	18.3	0.2	12	3.5	2.2	0.2	0.2	9.4	1.3	98
24MBAG0548	648850	6198650	20	100.2	4.5	2.5	1.4	4.5	0.7	33	0.4	31.3	8.3	6.2	0.7	0.5	23.4	3.1	261
24MBAG0549	648850	6198600	20	51.4	2.6	1.6	1	2.1	0.5	28.1	0.3	20.4	5.4	3.2	0.4	0.3	16.1	1.7	160

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0550	648850	6198550	30	74.9	2.5	2	0.9	3.4	0.4	39.6	0.2	27.9	8	5.3	0.5	0.3	15.5	1.4	216
24MBAG0551	648900	6198550	15	102.2	4.5	2.6	1.5	7.2	0.9	47	0.4	38.9	10.5	7.8	0.8	0.4	25.8	2.5	299
24MBAG0552	648900	6198600	20	92.5	6.7	3.6	2.1	6.6	1.4	32.9	0.6	33.6	9	6.8	1.1	0.6	34.3	3.5	279
24MBAG0553	648900	6198650	20	76.5	5.6	3.1	1.5	6	1	39.2	0.5	30.8	8.4	5.7	0.8	0.6	30.1	2.5	251
24MBAG0554	648900	6198700	25	37.6	2	1.3	0.6	2.1	0.4	18	0.1	13	3.8	2.4	0.3	0.3	10.8	1.3	111
24MBAG0557	648900	6198750	15	27.5	1.6	0.8	0.5	1.6	0.3	15.7	0.2	10.5	2.8	2.2	0.3	0.2	7.6	1	86
24MBAG0558	648900	6198800	15	44.2	2.9	1.7	0.7	3.5	0.5	25.9	0.2	18	5.1	3.2	0.4	0.3	15.7	1.5	146
24MBAG0559	648900	6198850	20	152.3	6.7	3.5	2	8.6	1.1	124	0.4	72	21.5	11.5	1.3	0.6	37.6	2.5	526
24MBAG0560	648900	6198900	30	119	3.7	1.9	1	4.1	0.7	42.7	0.2	31.7	8.4	4	0.5	0.3	17.2	1.6	279
24MBAG0561	648900	6198950	30	132.8	4	2.3	1.7	6.3	0.7	75.3	0.3	51.6	15	8.3	0.7	0.4	19.9	2.1	378
24MBAG0562	648900	6199000	15	196.1	5.3	2.4	1.9	6.2	0.6	83.8	0.4	58	17.2	9.3	0.9	0.4	20.5	2.2	477
24MBAG0563	648900	6199050	15	200	3.9	1.8	1.9	6	0.7	73.9	0.3	55.7	15.9	8.3	0.9	0.3	16.8	2	457
24MBAG0564	648900	6199100	30	25.7	1	0.6	1	1.5	0.1	14.6	0.2	9.1	2.6	1.5	0.1	0.2	5.7	0.7	76
24MBAG0565	648900	6199150	20	75.9	3.2	1.7	1	3.9	0.7	26.8	0.3	25	7.5	4.8	0.6	0.2	13.9	1.7	197
24MBAG0566	648900	6199200	20	28.7	1.1	0.5	0.4	1.1	0.2	15.2	0.1	9.6	2.9	1.7	0.2	0.2	5.8	0.8	81
24MBAG0567	648900	6199250	25	71.1	6	3.4	1.6	6.7	1.2	25.3	0.5	29.2	7.6	6.1	0.9	0.5	29.7	4.2	230
24MBAG0568	648900	6199300	30	25	2.7	1.6	0.6	2.6	0.5	12	0.2	14	3.6	3.3	0.4	0.3	10.5	1.2	93
24MBAG0569	648900	6199350	30	73	3.1	2	1.2	3.7	0.6	19.8	0.3	21.4	5.9	4.4	0.6	0.4	14.2	2.2	180
24MBAG0570	648900	6199400	90	2.5	0.3	0.2	0.05	0.2	0.05	2.1	0.05	1.7	0.4	0.4	0.05	0.05	1.8	0.05	12
24MBAG0571	648900	6199450	70	307.2	13.5	6.6	4.4	14.9	2.3	59.1	0.7	88.8	22.7	19.4	2.3	0.9	43	5.9	696
24MBAG0572	648900	6199500	90	22.3	1.1	0.5	0.4	0.9	0.2	12.2	0.05	8	2.2	1.4	0.2	0.1	5.3	0.5	65
24MBAG0573	648900	6199550	110	9.7	0.6	0.6	0.2	0.6	0.2	5.6	0.05	3.8	1.2	0.7	0.05	0.1	3.5	0.4	32
24MBAG0574	648950	6199550	20	32.6	2.7	1.4	0.9	3.1	0.5	15	0.1	15.7	4	4	0.5	0.3	10	1.1	108
24MBAG0575	648950	6199500	80	4.2	0.5	0.2	0.1	0.3	0.1	3	0.05	1.8	0.6	0.4	0.05	0.1	2.5	0.6	17
24MBAG0576	648950	6199450	180	5.1	0.6	0.2	0.05	0.3	0.1	3.3	0.05	2.3	0.7	0.4	0.05	0.1	2.7	0.4	19
24MBAG0577	648950	6199400	120	56	4.8	2.6	1.7	5.9	1.1	27.8	0.4	31.3	8.1	7.1	1	0.4	22	2.4	204
24MBAG0578	648950	6199350	30	98.5	9.1	4.4	2.3	8.4	1.6	21.4	0.6	36.3	8.1	10	1.5	0.7	29.9	3.6	279
24MBAG0579	648950	6199350	30	111.9	9.6	5.1	2.5	10.1	1.7	24.1	0.7	39.7	9.7	10.4	1.7	0.9	35.5	3.6	316
24MBAG0580	648950	6199300	20	95.1	7.2	3.4	2.4	7.1	1.3	30.4	0.5	40.4	9.4	10.1	1	0.6	30.6	3.4	287
24MBAG0581	648950	6199250	30	48	3.6	1.6	1.1	3.7	0.6	19.6	0.3	19.8	5.6	4.7	0.5	0.3	12.9	1.6	146
24MBAG0582	648950	6199200	30	37	1.7	1.1	0.6	1.8	0.3	16.9	0.2	13.6	3.8	2.6	0.3	0.2	7.1	0.9	104
24MBAG0583	648950	6199150	30	23.5	1.5	0.9	0.5	1.7	0.2	11.9	0.2	8.3	2.4	1.5	0.3	0.2	7.1	0.8	72
24MBAG0584	648950	6199100	20	25	1.4	1.1	0.4	2	0.2	14	0.2	8.9	2.6	1.7	0.2	0.2	7.2	0.8	78
24MBAG0585	648950	6199050	20	168.3	6.3	3.4	2.2	9.1	1	77.9	0.4	66.5	18.9	12.3	1.3	0.7	28.8	3	471
24MBAG0586	648950	6199000	30	138.8	3.4	1.9	1.3	5.2	0.7	48.4	0.4	34.7	10	7.2	0.6	0.3	17.3	1.6	320
24MBAG0587	648950	6198950	20	271.4	5.8	2.9	2.5	8.3	1	92.9	0.4	70.3	19.9	11.7	1.2	0.5	24.2	2.1	606
24MBAG0588	648950	6198900	20	312.3	5.3	2.4	2.8	8.1	0.9	134.1	0.4	93.1	26.3	14.1	1.2	0.4	25.2	2.4	739
24MBAG0589	648950	6198850	25	25.8	1.2	0.9	0.5	1.6	0.3	15.5	0.2	10.3	2.8	2	0.3	0.2	7.9	0.7	83
24MBAG0590	648950	6198800	20	78.5	1.5	1.3	0.8	2.7	0.4	35.8	0.2	21.4	6.4	3.4	0.4	0.3	11.9	0.6	195
24MBAG0591	648950	6198750	20	41	2.5	1.5	0.6	2.9	0.4	21.9	0.2	14.9	4.3	3.4	0.5	0.2	14.2	1.2	130
24MBAG0592	648950	6198700	20	44.4	1.7	0.9	0.8	2.4	0.4	26.7	0.1	18.4	5.1	3	0.3	0.3	11.4	1.1	138
24MBAG0593	648950	6198650	20	66.8	5	2.6	1.4	5	0.9	31.7	0.5	26.7	7.1	5	0.8	0.5	27.5	2.8	218
24MBAG0594	648950	6198600	20	96.8	4.5	2.7	1.3	4.4	0.8	39.7	0.4	30.2	8.5	5.6	0.8	0.5	22.9	2.7	262
24MBAG0595	648950	6198550	30	226.6	4.4	2.2	1.9	7.1	0.7	114.3	0.2	70.6	20.5	10	0.9	0.4	23.7	2.9	572
24MBAG0596	649000	6198550	35	262.7	4.3	1.7	2.1	5.8	0.7	111.2	0.2	62	18.3	8.1	0.8	0.3	21	2.3	590
24MBAG0597	649000	6198600	25	86.5	4.9	2.8	1.5	6	0.9	44.2	0.4	33.7	9.1	6.7	0.8	0.4	29.7	3.2	273
24MBAG0598	649000	6198650	20	59.4	5.9	3.3	1.6	5.7	1.4	26.9	0.7	24.1	6.4	4.9	0.8	0.8	34.8	3.6	214
24MBAG0599	649000	6198700	20	88.7	2.7	1.6	1.4	3.7	0.5	52	0.2	29.8	9	5.3	0.5	0.3	14.2	1.9	249
24MBAG0600	649000	6198750	20	116.4	3.5	1.9	1.6	5.8	0.7	56.5	0.3	42.4	12	8.3	0.7	0.3	17.4	1.4	317
24MBAG0601	649000	6198800	30	94.9	3.1	1.5	1.4	3.8	0.5	51.8	0.3	31.6	9.3	5.4	0.5	0.2	15.3	1.2	260
24MBAG0602	649000	6198850	25	56.1	1.9	1	0.7	2.2	0.4	29.5	0.1	19.2	5.6	3.4	0.4	0.2	9.6	1.6	155
24MBAG0603	649000	6198900	30	129.8	3	1.5	1.3	3.7	0.5	54.1	0.2	36.3	10.4	5.2	0.5	0.2	15.5	2	311
24MBAG0604	649000	6198950	15	263.6	6.6	3.3	2.6	8.9	1.3	74.3	0.5	70.4	18.8	12.6	1.2	0.6	30.3	2.7	586
24MBAG0605	649000	6199000	15	303.3	7.4	3.6	3	11.1	1.4	106.9	0.5	96.2	26.4	15.4	1.4	0.5	28	3.5	715
24MBAG0606	649000	6199050	15	139.8	3.1	2.3	1.3	4.2	0.7	47.1	0.3	34.7	10.2	5.6	0.6	0.4	19.3	1.8	320
24MBAG0607	649000	6199100	30	32.5	1.4	0.9	0.4	1.4	0.4	17.1	0.2	10.3	2.9	1.8	0.2	0.1	8.2	1.2	93
24MBAG0608	649000	6199150	35	33.4	0.9	0.4	0.6	1.1	0.1	18.7	0.1	10.5	3.2	1.4	0.1	0.1	5.2	1	90
24MBAG0609	649000	6199200	20	76.4	2.5	0.7	0.9	3.2	0.4	34.2	0.1	27.9	8.3	4.9	0.4	0.1	9.4	1.5	201
24MBAG0610	649000	6199250	35	67.6	2.2	1.1	0.9	2.8	0.4	27.1	0.2	24.5	6.9	4.2	0.4	0.2	9.1	0.9	175
24MBAG0611	649000	6199300	35	58	5.7	3	1.8	5.4	0.9	23.8	0.4	27.6	7.4	5.9	0.8	0.5	20.9	2.7	195
24MBAG0612	649000	6199350	40	55.1	5.5	3.1	2.2	7.5	1	23.8	0.4	32	8	6.8	1	0.3	26.3	2.3	208
24MBAG0613	649000	6199400	70	12	0.9	0.6	0.2	0.7	0.2	5.7	0.05	5.1	1.4	0.8	0.1	0.05	4	0.5	38
24MBAG0614	649000	6199450	70	4.4	0.3	0.3	0.1	0.4	0.05	2.2	0.05	1.7	0.5	0.2	0.05	0.05	2.1	0.5	15
24MBAG0615	649000	6199500	90	10.2	0.6	0.4	0.2	0.7	0.2	5.5	0.1	4.4	1.1	0.8	0.1	0.05	4	0.5	34
24MBAG0616	649000	6199550	20	47.4	4.6	2.2	1.5	4.7	0.8	18.1	0.3	21.6	5.4	4.7	0.7	0.3	21.4	2.3	161
24MBAG0617	649050	6199550	30	53.5	4	2	1.4	4.3	0.9	18.2	0.3	21.1	5.2	5	0.8	0.3	18.4	2.1	163
24MBAG0618	649050	6199500	70	12.5	0.9	0.6	0.3	0.8	0.3	6.9	0.05	5.7	1.4	0.9	0.2	0.05	5.6	1.1	44
24MBAG0619	649050	6199450	100	4.8	0.6	0.3	0.05	0.3	0.05	2.6	0.05	2.1	0.6	0.4	0.05	0.05	2.4	0.3	17
24MBAG0620	649050	6199400	90	20.3	1.3	0.6	0.3	1.4	0.1	8.1	0.1	7.3	1.9	1.1	0.3	0.1	6	0.6	59
24MBAG0621	649050	6199350	20	77.2	7.1	3.6	2.9	10.2	1.6	39.2	0.5	48.6	12.2	10.1	1.2	0.5	33.5	3.6	298
24MBAG0622	649050	6199300	60	11.9	0.9	0.4	0.3	0.9	0.2	7.3	0.05	5.1	1.5	0.8	0.2	0.05	4.4	0.5	41
24MBAG0623	649050	6199250	35	451.5	12.1	4.8	5.3	16.3	1.9	115.5	0.6	128.4	35.1	23.1	2	0.7	40.5	3.5	989
24MBAG0624	649050	6199200	35	95.1	2	0.9	1	2.5	0.4	34.1	0.1	24	6.4	4	0.4	0.2	9.1	0.9	213
24MBAG0625	649050	6199150	25	214.2	4.8	2.2	2.1	8.4	0.9	93.6	0.3	75	20.1	11.6	1	0.2	19	2.1	535
24MBAG0626	649050	6199100	20	162.9	4.9	2.4	2	7.5	1.1	71.8	0.3	64.4	17.4	11.3	0.9	0.4	24.1	2.5	440
24MBAG0627	649050	6199050	25	318.9	7.8	5.4	3	12.3	1.6	120.4	0.7	98.2	27.2	15.5	1.6	0.6	50.2	4.1	787
24MBAG0628	649050	6199000	25	175.4	5.5	2.2	1.9	6.8	0.8	64.7	0.4	56.9	15.6	9.3	1	0.2	20	2.5	427
24MBAG0629	649050	6198950	30	119.1	3.5	1.8	1.5	5.1	0.7	65.9	0.2	48	13.6	7.6	0.6	0.3	15.3	1.8	335
24MBAG0630	649050	6198900	20	233.1	5.5	2.7	2.2	7.8	0.8	98.8	0.3	74.6	20.8	11.6	1	0.4	23.8	2	571
24MBAG0631	649050	6198850	30	180	4.3	2.2	1.9	6.2	0.9	81.6	0.3	62	17.8	9.5	0.8	0.3	21	1.8	460
24MBAG0632	649050	6198800	20	91.8	2.7	1.7	1.4	3.5	0.5	39.1	0.2	28.3	7.9	4.9	0.5	0.3	15.6	1.7	236
24MBAG0633	649050	6198750	20	196.3	3.2	1.8	1.4	4.8	0.6	97	0.3	53.1	15.8	8.7	0.7	0.2	17.4	1.5	475
24MBAG0634	649050	6198700	20	212.6	5.9	3.1	2.8	8.6	1	119.6	0.4	77.9	22.5	10.9	1	0.4	27.4	2.6	584
24MBAG0635	649050	6198650	20	45.1	2.7	2	0.9	2.9	0.5	20.4	0.3	15.3	4.3	3.3	0.4	0.3	15.6	1.6	137
24MBAG0636	649050	6198600	20	156.8	3.4	1.9	1.9	5.4	0.7	50.4	0.4	50.4	14.6	7	0.6	0.3	21.1	2.3	413
24MBAG0637	649050	6198550	20	216.8	4.9	2.2	2.4	6.8	0.8	107.3	0.3	62.9	19	9.5	0.8	0.3	21.3	1.9	538
24MBAG0638	649100	6198550	20	66.1	1.8	1.1	1.3	2.5	0.6	38.1	0.2	20	5.8	3.1	0.4	0.2	11.4	1.7	182
24MBAG0639	649100	6198600	30	76.6	2.6	1.4	1	3.4	0.4	38.8	0.2	24.1	6.8	4.2	0.4	0.2	12.5	1.1	205
24MBAG0640	649100	6198650	20	133.5	5.7	3.6	2.3	7.8	1.2	66	0.5	47.4	14	8.8	0.9	0.4	32.5	3.7	387
24MBAG0641	649100	6198700	20	60.8	11.1	7.2	2.4	11.2	2.4	41.6	1.1	41.8	10.1	8.8	1.6	1.1	73.7	7.9	338
24MBAG0642	649100	6198750	20	303.6	5.3	2.3	3.1	8.5	0.9	149.2	0.4	97.6	28.2	13.2	1	0.4	27.3	2.2	756
24MBAG0643	649100	6198800	30	189.6	5.3	2.6	2.1	7.5	0.8	69.8	0.4	64.1	17.3	10.2	1	0.4	25.9	3	471
24MBAG0644	649100	6198850	20	147.3	4.3	2.6	1.5	5.4	0.9	61.4	0.5	47.7	13.4	7.3	0.9	0.4	21.5	2.2	374
24MBAG0645	649100	6198900	10	201.8	6.8	3.7	2.7	9.8	1.2	111.2	0.5	85.6	24.3	13.7	1.2	0.5	35.9	2.8	591
24MBAG0646	649100	6198950	30	182.2	5.1	2.3	2.1	6.2	0.9	87.5	0.4	65.5	18.7	10.7	0.9	0.3	23.4	2.2	481
24MBAG0647	649100	6199000	40	159.3	4.1	2.3	1.9	5.9	0.7	82.1	0.4	55.6	15.8	7.9	0.7	0.3	22.4	2.8	426
24MBAG0648	649100	6199050	20	247.8	4.7	3.1	2.5	8.1	1.1	89.3	0.4	71.1	19.5	11.5	1.2	0.4	26.4	2.1	575
24MBAG0649	649100	6199100	50	84.3	2.6	1.3	1.2	3.4	0.5	37.2	0.2	30.7	8.3	4.5	0.5	0.2	11.2	1.3	221
24MBAG0650	649100	6199150	60	56.2	2.1	1.2	0.7	2.5	0.3	31.9	0.2	22.6	6.6	4	0.4	0.2	10.2	1.1	165
24MBAG0651	649100	6199200	70	67.6	2.2	1	0.9	2.9	0.3	37.3	0.1	26.7	7.6	3.9	0.3	0.1	9.1	1.1	190

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0652	649100	6199250	60	131.6	3.4	1.4	1.4	4.5	0.5	66.3	0.2	44.5	13.4	6.5	0.5	0.2	13.2	1.1	339
24MBAG0653	649100	6199300	50	233.4	4.9	2.6	2.7	8	0.9	95.1	0.3	80.2	22.6	13.1	1	0.4	25.2	1.9	579
24MBAG0654	649100	6199350	50	212.3	11.3	5.3	3.5	12.6	2	57.2	0.7	76.9	19.3	16.1	1.9	0.7	44.8	3.9	552
24MBAG0655	649100	6199400	70	15.6	0.8	0.5	0.3	1	0.2	7.2	0.05	6.2	1.8	1.4	0.1	0.05	4.8	0.6	48
24MBAG0656	649100	6199450	120	7.8	0.4	0.3	0.1	0.4	0.05	3.1	0.05	2.9	0.8	0.5	0.05	0.1	2.7	0.3	23
24MBAG0657	649100	6199500	60	13.2	0.7	0.6	0.2	0.8	0.2	6.6	0.1	5.3	1.4	0.9	0.2	0.05	4.9	0.7	42
24MBAG0658	649100	6199550	100	15.9	0.8	0.5	0.2	0.8	0.2	9	0.1	6.1	1.7	1.1	0.1	0.05	4.4	0.5	49
24MBAG0659	649150	6199550	90	17	0.9	0.4	0.2	1	0.2	9.1	0.1	6.5	1.6	1.2	0.1	0.05	3.6	0.8	50
24MBAG0660	649150	6199500	80	7.4	0.6	0.2	0.05	0.5	0.1	3.6	0.05	2.1	0.7	0.5	0.05	0.05	2.7	0.5	23
24MBAG0661	649150	6199450	100	4.5	0.5	0.2	0.05	0.3	0.05	2.3	0.05	2.2	0.5	0.2	0.05	0.05	2.2	0.3	16
24MBAG0662	649150	6199400	90	5.6	0.4	0.2	0.05	0.3	0.05	3	0.05	1.6	0.6	0.1	0.05	0.05	2	0.2	17
24MBAG0663	649150	6199350	50	99.6	3	1.6	1.4	3.3	0.6	30.7	0.3	26.2	7.2	4.9	0.5	0.3	12.9	1.8	229
24MBAG0666	649150	6199300	30	177.8	5.4	2.5	2.2	8.2	0.9	99.1	0.3	71.8	20.5	10.9	0.9	0.2	20	1.6	497
24MBAG0667	649150	6199250	30	152	4.4	2.1	2	6.4	0.8	79	0.3	62.4	17.8	9	0.9	0.3	19	1.5	421
24MBAG0668	649150	6199200	40	121.4	3.6	1.9	1.9	6.3	0.8	81.4	0.2	56.2	16.2	9.3	0.7	0.3	17.6	1.7	376
24MBAG0669	649150	6199200	40	117.1	3.3	2	1.8	5.5	0.6	78.5	0.3	55.4	16.1	8.7	0.7	0.2	17	2	364
24MBAG0670	649150	6199150	70	74.8	2.1	1.5	0.9	3.1	0.4	41.5	0.2	29.6	8.5	4.3	0.4	0.2	11.2	1.8	212
24MBAG0671	649150	6199100	20	229.4	4.8	2.3	2.7	8.3	0.7	133.3	0.2	78.6	24.4	11.5	0.8	0.3	19.4	1.6	609
24MBAG0672	649150	6199050	20	234.8	4.7	1.9	2.2	8.4	0.8	104.1	0.3	74.7	21.7	10.8	1	0.3	21.7	2.2	576
24MBAG0673	649150	6199000	25	191.1	2.8	1.6	1.9	5.2	0.6	67.8	0.2	46.5	12.9	6.5	0.6	0.3	16.9	1.6	419
24MBAG0674	649150	6198950	30	306.9	6.5	2.9	2.8	9.4	1.2	121.7	0.5	95.4	26.6	14.5	1.2	0.5	31.9	3.1	735
24MBAG0675	649150	6198900	35	197.8	5	2.2	1.7	7	0.8	80.7	0.3	60.1	17.1	10	0.8	0.3	19.8	2.1	477
24MBAG0676	649150	6198850	20	300.3	6.5	3.3	2.3	8.5	1.2	79.9	0.4	67.9	19.6	11.6	1.1	0.6	31	3.6	633
24MBAG0677	649150	6198800	30	127.2	2.8	1.4	1.3	4	0.6	45.7	0.3	36.6	9.8	6.1	0.5	0.3	15.2	1.6	298
24MBAG0678	649150	6198750	30	91.2	3.2	1.5	1.1	4.5	0.6	48.4	0.3	35.2	10	5.6	0.5	0.2	16.7	1.9	260
24MBAG0679	649150	6198700	30	112.2	10.9	6.1	2.9	11.1	2.1	56.6	0.8	56.6	13.4	11.1	1.6	0.9	65.3	4.7	423
24MBAG0680	649150	6198650	30	258.9	6	3	2.7	9.4	1	132.2	0.5	88.7	26.3	12.9	1.1	0.5	30.1	3	678
24MBAG0681	649150	6198600	25	116.4	4.4	2.5	1.9	5.3	0.8	53.4	0.4	41.6	11.3	7.3	0.7	0.3	23.1	2.4	320
24MBAG0682	649150	6198550	25	280.2	5.9	3	2.7	8.5	1	109.8	0.5	76.6	22.6	12.1	1.1	0.5	33.2	3.3	660
24MBAG0683	649200	6198550	30	164.3	3.2	2.5	1.7	5.3	0.7	66.1	0.4	51.3	14.2	7.3	0.7	0.3	21.3	1.9	402
24MBAG0684	649200	6198600	30	153.5	5.2	3.1	2	6.7	0.9	59	0.4	50.3	14.3	8	0.9	0.4	26.9	2.6	394
24MBAG0685	649200	6198650	20	183.1	8.2	4.3	3	9.7	1.3	87.9	0.6	73.2	19	11.8	1.2	0.7	43.5	4.3	533
24MBAG0686	649200	6198700	20	160.8	8.1	5.1	2.9	9.9	1.7	76.9	0.7	61	17.1	10	1.5	0.7	52.8	4.7	490
24MBAG0687	649200	6198750	15	188.6	5	2.7	2	7.6	0.9	61.6	0.4	58.5	15.7	8.4	0.7	0.3	26.7	3.6	451
24MBAG0688	649200	6198800	20	189.7	4.1	2.1	1.7	5.2	0.7	62.4	0.4	46.6	13.5	8.1	0.8	0.3	18.8	1.8	419
24MBAG0689	649200	6198850	50	113.4	4	1.5	1.1	4.1	0.5	50.8	0.3	35.8	10.7	5.5	0.5	0.3	16	1.6	290
24MBAG0690	649200	6198900	30	203.3	4.7	2.2	1.8	6.5	0.8	83.5	0.3	60.6	17.4	9.1	0.8	0.3	19.5	1.7	485
24MBAG0691	649200	6198950	30	238.5	5.3	2.4	2.1	8.1	0.8	114.2	0.4	82.5	23.7	12.1	1	0.3	28	2.5	614
24MBAG0692	649200	6199000	25	282.8	4.1	2.1	2.4	7	0.7	119.6	0.3	76.4	23.1	10.3	0.9	0.3	23.1	2.1	653
24MBAG0693	649200	6199050	25	96.6	3.2	1.7	1.4	4.4	0.5	61.8	0.3	42.2	12.1	6.8	0.5	0.3	16.6	1.6	294
24MBAG0694	649200	6199100	40	242	5.1	2.1	2.6	9	0.8	136.4	0.2	96	27.6	14.1	1	0.2	22.7	2.3	661
24MBAG0695	649200	6199150	30	368.4	10.1	4.5	5	16.4	1.8	158.2	0.5	140.2	36.9	21.4	2.1	0.6	43.6	4.1	957
24MBAG0696	649200	6199200	50	49.9	1.9	1	0.8	2.7	0.3	29.7	0.2	21.5	5.9	3.1	0.4	0.2	9.3	0.9	151
24MBAG0697	649200	6199250	70	60.9	2	1.2	1	2.9	0.4	36.6	0.2	26.3	7.7	3.6	0.4	0.1	9.5	1.2	181
24MBAG0698	649200	6199300	70	29.6	0.7	0.5	0.4	1.1	0.2	17	0.05	11.8	3.5	1.8	0.2	0.05	5.4	0.4	86
24MBAG0699	649200	6199350	65	15.6	0.9	0.4	0.3	1	0.2	13.4	0.05	8.6	2.6	1.6	0.1	0.05	5.2	0.5	60
24MBAG0700	649200	6199400	100	5.3	0.2	0.3	0.05	0.3	0.05	3.1	0.05	1.5	0.5	0.2	0.05	0.05	2.1	0.2	17
24MBAG0701	649200	6199450	50	103.2	3	1.4	0.8	3	0.5	22.6	0.2	20.2	5	3.4	0.4	0.3	12	1.1	208
24MBAG0702	649200	6199500	70	14.4	1	0.5	0.2	0.7	0.2	7.1	0.1	5.9	1.5	0.8	0.1	0.1	4.3	0.4	44
24MBAG0703	649200	6199550	50	27.3	1.4	0.8	0.4	1.6	0.2	12.4	0.1	9.3	2.5	1.6	0.2	0.05	5.3	0.5	75
24MBAG0704	649250	6199550	50	14.3	0.9	0.7	0.1	0.8	0.2	8.1	0.1	5.5	1.6	0.8	0.05	0.05	5.1	0.7	46
24MBAG0705	649250	6199500	80	10.6	0.5	0.5	0.1	0.2	0.05	5	0.05	3.3	1	0.4	0.05	0.05	2.7	0.4	29
24MBAG0706	649250	6199450	90	6.5	0.4	0.2	0.05	0.5	0.1	3	0.05	2.1	0.6	0.5	0.05	0.05	2	0.2	19
24MBAG0707	649250	6199400	70	9.6	0.6	0.5	0.2	0.7	0.1	5.7	0.05	3.8	1.1	0.8	0.05	0.05	2.8	0.6	31
24MBAG0708	649250	6199350	50	23.5	0.5	0.6	0.2	1.1	0.2	12.9	0.05	8.4	2.4	1.4	0.1	0.05	4.3	0.7	66
24MBAG0709	649250	6199300	80	93.8	2.7	1.4	1	3.9	0.5	37.6	0.2	30.4	8.4	4.6	0.6	0.1	11.4	1	232
24MBAG0710	649250	6199250	100	50.4	1.7	0.8	0.9	2.3	0.2	33	0.05	20.6	6	3.3	0.4	0.1	7	0.8	150
24MBAG0711	649250	6199200	45	53.7	1.2	0.6	0.7	2.2	0.3	33.2	0.1	21.7	6.4	3	0.3	0.05	7.9	1	156
24MBAG0712	649250	6199150	10	257.2	4.8	2.1	2.3	8.5	0.7	134.9	0.3	90.7	26.3	11.9	0.9	0.3	19.2	1.7	660
24MBAG0713	649250	6199100	20	223	4.5	2.4	2.3	7.3	0.8	98.9	0.3	67.5	19.7	10.1	1	0.3	19.8	2	541
24MBAG0714	649250	6199050	40	126.9	4.2	2.2	2.2	7	0.7	85.4	0.5	64.6	17.3	9.1	0.8	0.4	21.6	2.6	407
24MBAG0715	649250	6199000	20	242.4	5.1	2.5	2.4	8.7	0.8	107.3	0.4	79.7	22.7	11.9	1	0.4	22.9	2.6	601
24MBAG0716	649250	6198950	30	112.3	3.3	1.9	1.4	4.6	0.6	48.1	0.3	35.1	10	6.2	0.5	0.4	18	2.5	289
24MBAG0717	649250	6198900	40	152.2	4.1	2	2	5.6	0.7	82.5	0.3	54	16.3	7.7	0.7	0.3	18.4	1.4	410
24MBAG0718	649250	6198850	35	228.7	5.9	2.4	2.1	6.5	0.9	73.9	0.4	59.2	16.7	9.3	0.7	0.3	23	2.5	509
24MBAG0719	649250	6198800	15	252.8	7.5	3.5	2.9	11.4	1.2	117.5	0.4	96.6	26.6	15.3	1.4	0.4	36.9	3.3	680
24MBAG0720	649250	6198750	15	179	4.6	2.3	1.9	6.5	1	57.5	0.3	48.1	14.1	8.7	0.8	0.4	23.5	2.6	414
24MBAG0721	649250	6198700	20	93.4	2.8	1.6	1.3	3.4	0.5	35.6	0.3	27.6	7.3	4.9	0.6	0.4	15.9	1.6	232
24MBAG0722	649250	6198650	20	231	7.8	4.1	2.7	10.9	1.5	82.2	0.5	77.4	20.6	11.3	1.3	0.6	38.9	3.7	583
24MBAG0723	649250	6198600	30	142	5.2	2.9	2.2	8	0.9	83.6	0.5	61.7	17.9	9.8	0.8	0.5	29.4	3.3	435
24MBAG0724	649250	6198550	40	73.8	3.2	1.6	1.2	3.7	0.6	41.2	0.3	29.5	8.1	4.5	0.5	0.3	15.5	2	219
24MBAG0725	649300	6198550	80	64.4	2.6	1.2	1	2.8	0.6	32	0.2	22.6	6.3	3.7	0.4	0.1	13	1.3	179
24MBAG0726	649300	6198600	110	66.8	1.9	1.4	0.8	2.3	0.5	37.3	0.3	25.5	6.8	4.3	0.4	0.2	13.1	1.3	192
24MBAG0727	649300	6198700	15	250.9	8.6	3.9	3.1	11.8	1.6	129.8	0.5	110.7	30.3	16.6	1.5	0.5	43.8	3.2	727
24MBAG0728	649300	6198750	25	198.7	3.8	2.3	1.6	6.2	0.7	52.7	0.3	45.6	12.8	7.3	0.7	0.4	19.6	2	417
24MBAG0729	649300	6198800	20	267.5	5.7	3	2.3	8.3	1.1	74.2	0.4	64.5	18.7	11.6	1.1	0.3	27.6	2.7	575
24MBAG0730	649300	6198850	15	117.9	3.6	2	1.3	4.5	0.8	53.6	0.4	39.9	10.8	6	0.6	0.4	18.9	2.2	310
24MBAG0731	649300	6198900	25	288.6	6.4	3.1	2.8	9	1.1	115.3	0.4	86.2	25.1	14	1.2	0.4	30.3	2.8	690
24MBAG0732	649300	6198950	30	236.6	4.9	2.4	2.2	6.1	1	77.5	0.4	58.6	17	10.1	0.9	0.4	23.5	2.5	522
24MBAG0733	649300	6199000	40	162.4	4.7	2.6	2.1	7.2	0.9	89.6	0.5	65.1	18.2	10.7	0.8	0.4	25.8	3.9	465
24MBAG0734	649300	6199050	20	223.7	4.5	2.8	2.6	8.6	1	107.3	0.4	79.9	22.3	11.6	1	0.3	26.6	3.4	584
24MBAG0735	649300	6199100	20	128.4	3.2	1.7	1.8	5.5	0.5	72.8	0.3	52.1	15.1	8.6	0.6	0.2	15.1	1.6	362
24MBAG0736	649300	6199150	50	105.7	2.6	1.6	1.2	4.4	0.4	55.8	0.3	41	11.6	6.2	0.6	0.3	15.9	2.6	295
24MBAG0737	649300	6199200	70	54.2	1.9	0.7	0.6	2.6	0.4	30.3	0.2	20.4	6.3	3	0.3	0.2	9.6	1.5	156
24MBAG0738	649300	6199250	40	92.1	2.3	1.1	0.9	2.7	0.5	34.6	0.2	24.9	7.4	4	0.5	0.2	10.5	1.3	216
24MBAG0739	649300	6199300	50	73.4	3.2	1.8	1.1	3.6	0.5	26.5	0.2	24.1	6.9	4.1	0.6	0.3	13.2	2	190
24MBAG0740	649300	6199350	40	80	3.4	2.2	1.2	4.1	0.6	27.2	0.2	29.6	7.7	5.4	0.5	0.2	14.4	1.2	210
24MBAG0741	649300	6199400	100	6.6	0.5	0.3	0.05	0.3	0.05	3.8	0.05	2.5	0.8	0.6	0.05	0.05	1.8	0.2	21
24MBAG0742	649300	6199450	70	10.1	0.4	0.2	0.2	0.4	0.05	4.5	0.05	3.2	0.9	0.5	0.05	0.05	2.4	0.3	28
24MBAG0743	649300	6199500	80	8.1	0.5	0.3	0.05	0.4	0.05	4.4	0.05	2.8	0.8	0.4	0.05	0.05	2.2	0.05	24
24MBAG0744	649300	6199550	70	10	0.5	0.2	0.1	0.3	0.05	4.8	0.1	3.1	0.9	0.6	0.05	0.05	2.3	0.3	28
24MBAG0745	649350	6199550	70	10.6	0.4	0.2	0.1	0.5	0.05	5.2	0.05	3.4	0.9	0.6	0.05	0.05	2.2	0.3	29
24MBAG0746	649350	6199500	110	37.3	1.4	0.7	0.5	1.5	0.3	19.2	0.05	12.7	3.7	2.2	0.3	0.1	6.6	0.5	103
24MBAG0747	649350	6199450	50	13.4	0.5	0.5	0.2	0.8	0.2	6.8	0.05	4.9	1.5	1.1	0.2	0.05	3.8	0.4	41
24MBAG0748	649350	6199400	60	102.2	2.4	0.9	0.9	2.8	0.5	23.3	0.2	19	5.5	2.9	0.4	0.2	9.6	1.1	202
24MBAG0749	649350	6199350	50	116.5	3.6	2	1.3	5	0.7	39.8	0.2	34.2	10	5.6	0.8	0.3	19.1	1.8	284
24MBAG0750	649350	6199300	35	120.1	4.8	2.7	1.9	6.2	0.8	42.3	0.3	44.7	12.5	9	0.8	0.2	19.1	2.2	315
24MBAG0751	649350	6199250	50	33.5	1.6	0.7	0.5	1.6	0.3	17.3	0.1	11.3	3.5	1.9	0.2	0.1	7.1	1.1	95
24MBAG0752	649350	6199200	30	106.3	3.7	1.7	1.4	4.6	0.5	60.6	0.2	43	12.7	6.8	0.6	0.2	14.9	1.6	305
24MBAG0753	649350	6199150	50	93.8	2.5	1.6	1.1	4.3	0.5	54.4	0.2	38.6	11.4	6.4	0.6	0.05	13.4	1.4	271

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0756	649350	6199100	30	186.8	4.5	2.2	1.9	6.4	0.8	59.4	0.4	48.8	14.1	8.3	0.8	0.4	20.4	2	420
24MBAG0757	649350	6199050	20	360.2	6.2	3.2	2.8	9.2	1.2	108.3	0.5	86.7	25.3	12.9	1.2	0.4	31.1	3.6	768
24MBAG0758	649350	6199000	20	244.6	5.3	3.1	2.1	6.5	0.9	71.3	0.5	57.5	16.5	9.2	0.9	0.4	26.8	3.3	528
24MBAG0759	649350	6198950	30	137.4	4.1	2.2	1.9	6.3	1	85.6	0.3	61.8	17.2	8.9	0.9	0.4	23.8	2.5	417
24MBAG0760	649350	6198900	25	206.5	7.3	3.3	2.7	10.7	1.2	107.9	0.4	86.1	23.9	14	1.1	0.4	32.6	2.8	590
24MBAG0761	649350	6198850	20	238.6	7.4	4	2.7	11.4	1.4	112.2	0.5	91	24.6	14	1.4	0.5	40.1	3.8	652
24MBAG0762	649350	6198800	10	146.5	4.1	1.7	1.7	5.9	0.6	77.8	0.2	54.9	15.9	8	0.7	0.3	20.4	1.7	401
24MBAG0763	649350	6198750	45	89.6	2.8	1.5	0.9	3.6	0.6	34.3	0.3	25.6	7.4	5.1	0.4	0.3	14.1	1.5	221
24MBAG0764	649350	6198700	25	55.1	1.9	1.4	0.9	2.5	0.3	31.9	0.2	20	6	3.5	0.4	0.2	11.5	1.5	162
24MBAG0765	649350	6198650	35	54.5	2	1.6	0.9	3	0.4	33.9	0.2	21.4	6.5	4	0.4	0.2	12.2	1	168
24MBAG0766	649350	6198600	50	52.9	1.9	1.1	0.8	3.3	0.3	30	0.3	21.2	5.7	3.2	0.3	0.2	11.6	1.5	158
24MBAG0767	649400	6198600	120	37.9	1.4	0.9	0.6	1.6	0.3	21.8	0.1	13.3	3.9	1.7	0.3	0.05	8.2	1	110
24MBAG0768	649400	6198650	30	108.6	2.9	1.8	1.4	5.3	0.7	75	0.3	50.8	15	7.9	0.6	0.2	18.7	1.9	343
24MBAG0769	649400	6198700	40	72.7	3	1.7	1.2	3.6	0.5	43.8	0.2	30.1	8.7	4.5	0.6	0.2	16.2	1.6	222
24MBAG0770	649400	6198750	45	75	3.2	1.9	1.4	4.3	0.7	46.8	0.3	34.5	9.9	5.6	0.7	0.2	18	2	241
24MBAG0771	649400	6198800	40	223.8	4.6	2.1	2	6.5	0.8	69.1	0.3	56.3	16.5	8.8	0.9	0.3	21.2	2	488
24MBAG0772	649400	6198800	40	218.1	3.8	2.2	2.1	6.4	0.9	67.2	0.3	56.8	15.7	8.5	0.7	0.4	19.7	1.4	475
24MBAG0773	649400	6198850	30	91.3	2.9	1.5	1	4.5	0.6	45.9	0.3	33.8	9.5	5.5	0.5	0.2	17	1.8	255
24MBAG0774	649400	6198900	40	95.8	2.9	1.5	1.1	3.8	0.6	49.6	0.3	34.9	10.1	5.3	0.5	0.2	15	1.5	263
24MBAG0775	649400	6199000	40	137.5	3.6	1.8	1.3	4.2	0.7	54.9	0.4	41.1	11.9	6.3	0.7	0.3	19	2.5	337
24MBAG0776	649400	6199050	50	61.5	1.9	1.2	0.5	2.5	0.5	32.6	0.2	24.1	6.9	3.9	0.3	0.2	11.9	1.7	177
24MBAG0777	649400	6199100	50	107.3	2.6	1.6	0.9	3.8	0.5	43.5	0.2	31.2	9	4.9	0.4	0.2	11.9	1.2	258
24MBAG0778	649400	6199150	25	89.2	2.4	1	1.1	3.4	0.5	41.4	0.2	29.7	8.6	4.5	0.5	0.2	13	1.4	232
24MBAG0779	649400	6199200	20	278.6	6.7	2.7	3.2	10.7	1.1	150.6	0.2	100.7	30.2	16	1.3	0.3	25.2	2.7	741
24MBAG0780	649400	6199250	20	171.4	4.1	1.9	1.3	4.7	0.7	55.3	0.3	41.9	12.4	6.8	0.7	0.2	17.1	1.9	377
24MBAG0781	649400	6199300	30	87.9	2.9	1.4	1	3.4	0.5	44.8	0.2	32.2	9.3	5.4	0.5	0.1	11.5	1.4	238
24MBAG0782	649400	6199350	50	83.7	2.8	1.4	1	3.2	0.4	36.5	0.2	25.2	7.3	3.8	0.4	0.2	10	1.4	209
24MBAG0783	649400	6199400	50	39.2	1.5	0.5	0.5	1.7	0.2	19.4	0.2	14.1	4.4	2.3	0.3	0.2	6.4	0.6	108
24MBAG0784	649400	6199450	30	92.5	3	1.6	1.1	5	0.6	44.3	0.2	34	9.4	5.6	0.6	0.3	14.3	2	253
24MBAG0785	649400	6199500	35	117.2	4.9	2.7	1.6	6.7	0.8	38.3	0.5	42.5	11	8.4	1	0.4	21.8	3.1	307
24MBAG0786	649400	6199550	45	53	1.8	0.9	0.6	2.1	0.3	23.9	0.1	16.9	5	2.5	0.3	0.1	8.3	1	138
24MBAG0787	649450	6199550	40	81.2	4.2	2.4	1.4	5	0.7	28.8	0.3	28.1	7.7	5.5	0.7	0.4	19	2.1	221
24MBAG0788	649450	6199500	10	112.8	2.9	1.1	1.1	4.1	0.5	51.2	0.3	37.1	10.8	5.9	0.5	0.2	13.9	1.4	287
24MBAG0789	649450	6199450	50	149.6	2.6	1.3	1.6	5.5	0.6	72.6	0.3	52	15.2	7.5	0.6	0.3	14.7	1.3	383
24MBAG0790	649450	6199400	40	58.7	1.9	0.9	0.7	2.1	0.2	31.5	0.1	18.9	6.1	2.8	0.3	0.1	7.4	0.9	156
24MBAG0791	649450	6199350	40	49.5	1.3	0.9	0.6	1.5	0.3	24.8	0.1	16.3	5.1	2.8	0.2	0.1	6.1	0.6	130
24MBAG0792	649450	6199300	40	91.8	2.4	1.3	1	3.2	0.4	48.2	0.3	32.1	10	5.3	0.5	0.2	11.6	1.3	247
24MBAG0793	649450	6199250	40	107.6	3.3	1.7	1.3	4.2	0.6	50.1	0.2	37	10.5	6.8	0.6	0.2	13.2	1.3	281
24MBAG0794	649450	6199200	25	181.4	4.7	2.3	2.1	6.5	0.8	85.4	0.3	68.2	18.8	9.5	0.9	0.3	23.4	2.3	479
24MBAG0795	649450	6199150	10	120	4.7	2.1	1.6	5.7	0.7	69	0.4	54.3	14.8	7.7	0.7	0.3	20.8	2.5	360
24MBAG0796	649450	6199100	20	142.1	3.1	1.5	1.8	5.2	0.5	67.2	0.2	47.3	13.7	7.7	0.6	0.2	16	1.2	363
24MBAG0797	649450	6199050	30	194.7	5.4	2.6	2.3	8.1	0.9	104.2	0.3	75.1	22	12.1	0.9	0.3	23.2	2	534
24MBAG0798	649450	6199000	15	197.9	6.1	2.6	2.4	8.2	0.9	106	0.4	74.9	21.8	11.1	1	0.3	29.1	2.1	547
24MBAG0799	649450	6198950	20	214.3	6.5	3	2.4	8.9	1.2	111.4	0.4	77.8	22.6	11.3	1.1	0.5	31.8	3	584
24MBAG0800	649450	6198900	50	291.2	6.5	3.5	3.3	10.9	1.2	134.9	0.5	96.6	27.8	14	1.4	0.5	33.1	3.2	739
24MBAG0801	649450	6198850	30	191.5	6	3.3	2.5	7	1.1	98	0.5	65.8	19	9.9	1	0.4	29.3	2.5	516
24MBAG0802	649450	6198800	40	319.4	6.3	2.8	2.9	9.6	1	140.2	0.4	98.7	29.5	15.2	1.2	0.5	29.2	2.6	775
24MBAG0803	649450	6198750	30	127.8	4.4	2.3	1.2	4.1	0.8	38.2	0.4	29	7.9	5.4	0.7	0.3	21.5	2.1	290
24MBAG0804	649450	6198700	15	101.6	2.9	2	1.6	4.5	0.6	54.5	0.3	34.3	10	5.5	0.5	0.3	17.2	1.9	280
24MBAG0805	649450	6198600	50	48.1	1.9	1.3	0.6	1.9	0.3	28.4	0.2	17.1	5.2	2.6	0.3	0.2	9.2	1.2	140
24MBAG0806	649500	6198600	30	115.1	3.1	1.6	1.4	4.1	0.6	62.8	0.3	37.7	12.1	6.4	0.5	0.3	15.9	1.8	310
24MBAG0807	649500	6198650	30	80.7	2.5	1.4	1.4	3.1	0.4	50.7	0.2	29.1	8.6	4.4	0.5	0.3	12.7	1.7	233
24MBAG0808	649500	6198750	20	239.5	4.5	2.4	2.3	7	0.9	128.9	0.3	72.5	22.5	10	0.9	0.3	23.9	1.7	609
24MBAG0809	649500	6198800	30	181.4	3.4	2.2	2	6.1	0.7	88.3	0.4	54.2	16.3	8.3	0.8	0.4	19.5	2	454
24MBAG0810	649500	6198850	30	583.6	6.8	2.9	3.3	9.6	1.2	188.4	0.4	111.2	33.4	15.5	1.3	0.4	29.7	2.1	1162
24MBAG0811	649500	6198900	25	312.2	8.4	4.3	3.2	10.4	1.6	115.8	0.7	81.7	24.2	13.5	1.6	0.6	41.5	4.2	735
24MBAG0812	649500	6198950	30	361.1	9.7	4.2	4.4	14.5	1.6	262.5	0.6	165.8	48.2	23.1	1.8	0.6	46.1	4.1	1115
24MBAG0813	649500	6199000	20	242.6	6.3	3.3	2.7	9.1	1.1	125.4	0.5	91.7	26.6	14.5	1.1	0.5	34.6	3.6	663
24MBAG0814	649500	6199050	30	249.5	5.5	3	2.3	7.6	1.1	100.6	0.5	79.2	22.4	12.1	1	0.4	25.9	2.6	604
24MBAG0815	649500	6199100	15	249.2	5.9	3.1	2.8	8.5	0.9	115.8	0.5	84.1	25.3	13.9	1.1	0.5	27.7	3.2	638
24MBAG0816	649500	6199150	20	291.6	4.2	2	2.5	7.2	0.8	135.8	0.4	78.3	24.8	11.8	0.9	0.4	23.4	2.3	689
24MBAG0817	649500	6199200	30	332.7	6.7	2.5	3.7	11.9	1.1	171.1	0.4	129	38.4	20.6	1.3	0.5	29.9	2.6	884
24MBAG0818	649500	6199250	30	247.1	5.9	2.5	3	8.5	0.9	114	0.5	82.7	24.5	14.9	1.1	0.5	26.4	3.4	630
24MBAG0819	649500	6199300	50	118.6	3.4	1.8	1.4	4.4	0.5	63.6	0.3	44.2	12.3	6.7	0.6	0.1	16.6	2	325
24MBAG0820	649500	6199350	40	153.2	3.6	1.8	1.6	4.9	0.7	67.7	0.3	50.4	14.9	8.3	0.7	0.2	14.9	1.9	382
24MBAG0821	649500	6199400	50	270.3	4.7	2	2.4	7.5	0.7	129.8	0.4	87.4	27.6	13.4	0.9	0.2	19.4	2.3	669
24MBAG0822	649500	6199450	15	223.2	3.1	1.3	1.7	4.9	0.5	84.7	0.2	55.3	16.8	7.8	0.6	0.2	12.8	1.5	487
24MBAG0823	649500	6199500	15	239.1	7.1	3.3	2.5	9.5	1.2	112.2	0.4	76.8	22.3	11.7	1.2	0.5	34.8	2.5	618
24MBAG0824	649500	6199550	15	100.8	5.2	3.1	1.9	5.8	1.1	35.3	0.6	36.3	9.5	7.3	1	0.6	27.2	3.2	282
24MBAG0825	649550	6199550	20	313.5	11.4	5.7	4.8	17.1	2.2	101.6	0.8	117.3	30.1	22.1	2.3	0.8	50.5	4.1	806
24MBAG0826	649550	6199500	25	311	8.8	4	3.7	12.7	1.3	118.7	0.5	104.1	28.7	18	1.6	0.5	36	3.4	768
24MBAG0827	649550	6199450	30	393.5	10.7	4.9	5.1	16.9	1.6	156.8	0.5	137.7	37.5	23.1	2.1	0.7	43	3.3	985
24MBAG0828	649550	6199400	35	240.1	5.9	3.4	2.8	9	1.1	111.8	0.5	81.1	23.6	13.3	1	0.6	29.5	2.8	619
24MBAG0829	649550	6199350	40	133.9	4.4	1.8	1.9	5.5	0.5	71.2	0.3	49.9	14.6	8.4	0.7	0.4	19.8	1.5	371
24MBAG0830	649550	6199300	15	316.4	7.2	3.5	3.2	11.7	1.2	168.4	0.5	113.9	32.9	17.3	1.4	0.5	37.2	3	845
24MBAG0831	649550	6199200	20	392.4	4.9	2.1	2.3	7.6	0.7	115.9	0.3	65.9	19.4	10.2	0.9	0.3	21.7	1.9	759
24MBAG0832	649550	6199150	20	213.3	5.1	2.5	2.9	8.2	0.8	156.2	0.4	88.5	26.1	12.3	1	0.3	26.2	2.7	643
24MBAG0833	649550	6199100	40	268.4	5.2	2.6	2.4	8.3	0.8	101.6	0.4	71	20.6	11.5	0.9	0.3	23.2	2.3	611
24MBAG0834	649550	6199050	25	245.6	6.2	3.1	2.8	9.7	1.2	136	0.5	91.9	27.7	15.4	1.2	0.5	33.4	2.7	680
24MBAG0835	649550	6199000	20	187.5	5.4	2.6	1.7	6.5	0.8	76.6	0.4	56.4	16.6	9.5	0.8	0.5	24.8	2.2	462
24MBAG0836	649550	6198950	20	320.9	9.4	4.8	4	13	1.8	160.3	0.8	125.1	34.8	21.2	1.7	0.8	52.6	4.2	890
24MBAG0837	649550	6198900	30	197.5	4.6	2.4	2.4	7	0.7	64.1	0.3	49.5	14.3	9.1	1	0.2	21.3	1.9	443
24MBAG0838	649550	6198850	20	312.8	7.3	3.5	3	10.3	1.2	158.3	0.4	98.4	28.9	15.4	1.2	0.4	33.8	2.8	797
24MBAG0839	649550	6198800	30	121.1	4	1.7	1.1	4.8	0.7	68	0.3	39.3	12.1	6	0.7	0.3	20	1.8	332
24MBAG0840	649550	6198750	30	215.6	3	1.6	1.9	5.5	0.6	81.7	0.2	45.2	14	7.1	0.6	0.3	16.4	1.5	465
24MBAG0841	649550	6198700	15	230.2	5.3	2.5	2.2	7.8	0.9	125.5	0.5	72.5	21.7	10.7	1.1	0.4	27	2.2	601
24MBAG0842	649550	6198650	30	149.5	3.7	2	1.2	5	0.8	69.8	0.3	47.7	13.9	7.3	0.6	0.2	18.9	1.7	380
24MBAG0843	649550	6198600	30	142.8	3.6	2.2	1.6	5.1	0.7	85.5	0.3	51.4	15.4	9	0.7	0.3	21.2	2.5	403
24MBAG0844	649600	6198600	25	113.4	4.1	1.9	1.4	5	0.6	64.3	0.4	40.7	11.9	6.7	0.7	0.2	17.2	1.4	318
24MBAG0845	649600	6198650	45	69.5	3.1	1.7	1.4	3.7	0.6	43.1	0.3	30.7	8.8	5.4	0.5	0.3	16.7	2	221
24MBAG0846	649600	6198700	25	240.7	3.4	1.5	1.5	5.1	0.5	83.7	0.3	46.9	14.8	7.3	0.6	0.3	15.5	1.6	498
24MBAG0847	649600	6198750	35	223.7	3.5	1.9	2	4.7	0.6	76.2	0.3	41.4	13	7.1	0.7	0.3	16.9	1.2	463
24MBAG0848	649600	6198800	30	289.5	4.8	2.3	2.6	9.3	1	151.9	0.2	92.1	27.3	13	1	0.3	23.5	2.6	730
24MBAG0849	649600	6198850	15	126.6	4.2	2.4	1.6	5.7	0.8	73.4	0.4	47.3	13.8	7.7	0.8	0.4	22.5	2.8	366
24MBAG0850	649600	6198900	35	88.7	3.9	2	1.4	4.6	0.6	44.3	0.3	32.7	9.5	5.7	0.6	0.4	19.3	2	255
24MBAG0851	649600	6198950	20	126.8	5.6	3	2.3	7.7	0.9	64.3	0.4	52.2	14.3	8.6	1	0.4	28.8	2.7	376
24MBAG0852	649600	6199000	45	111.7	3.4	1.9	1.2	4.4	0.6	44.8	0.3	32.4	9.8	6.2	0.6	0.3	17.4	1.9	279
24MBAG0853	649600	6199050	30	155	4	2.3	1.9	6.3	1.1	82.6	0.5	59.7	17.4	9.1	0.8	0.4	24.4	2.5	433
24MBAG0854	649600	6199100	20	358	9.1	4.1	4.5	14.7	1.4	173.5	0.5	143	40.5	22.6	1.8	0.6	44	3.5	967
24MBAG0855	649600	6199150	25	142.6	3.4	2	1.9	4.7	0.5	68.9	0.3	43.4	12.5	7	0.6	0.2	17	1.8	361

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0858	649600	6199200	20	200.3	4.2	2.3	2.4	6.6	0.9	95	0.3	60.7	17.5	9.5	0.9	0.3	22.7	1.8	500
24MBAG0859	649600	6199250	30	183.2	2.8	1.7	1.7	4.2	0.5	71.6	0.3	40.1	12.1	6.3	0.6	0.2	15.1	1.4	402
24MBAG0860	649600	6199300	25	237.6	5.5	3.1	2.7	9.2	0.9	126.3	0.4	82.6	24.4	12.5	1.2	0.4	32.2	2.4	637
24MBAG0861	649600	6199350	10	707.9	6.7	3.2	3.4	10.8	1.2	171.4	0.3	115.8	33.6	17.3	1.3	0.3	30.2	2.7	1299
24MBAG0862	649600	6199400	15	136.6	4.2	2.3	1.9	6.3	0.8	67.6	0.4	48.6	13.7	8.1	0.8	0.4	24.6	2	375
24MBAG0863	649600	6199450	50	287	4.9	2	2.4	6.6	0.8	85.2	0.4	57.1	17	9.2	0.9	0.4	21	2	584
24MBAG0864	649600	6199500	20	339.2	9.2	3.5	3.6	13	1.7	161.3	0.5	115.5	33.3	18.8	1.7	0.5	42	3	879
24MBAG0865	649600	6199550	25	381.5	14.3	6	5.9	19.3	2.5	139.2	0.8	132.6	35.4	23.4	2.4	1	58	5	974
24MBAG0866	649650	6199550	10	304.1	6.6	2.4	3.1	10.4	1	92.1	0.3	83.6	23.8	14.4	1.3	0.4	21.7	2.6	667
24MBAG0867	649650	6199500	25	278.1	7.3	3.3	3.3	9.5	1.2	100	0.4	87.5	24.6	14.1	1.3	0.4	31.3	2.7	665
24MBAG0868	649650	6199450	25	103.7	2.9	1.8	1.3	4.5	0.5	54.2	0.3	37.8	11.1	6.6	0.5	0.3	16.5	1.7	287
24MBAG0869	649650	6199400	50	192	2.9	1.4	1.6	4.1	0.5	72.6	0.2	45.1	14	6.4	0.5	0.2	14.2	1.5	420
24MBAG0870	649650	6199350	20	547.5	13.7	5.9	6.6	22.6	2.2	261	0.6	193.6	55	30.4	3	0.8	58	4.3	1417
24MBAG0871	649650	6199300	20	217.6	7.6	3.4	3.5	11.9	1.4	103.7	0.6	81.3	22.7	14.8	1.5	0.5	37.6	3.7	603
24MBAG0872	649650	6199250	10	156.4	7.5	3.9	2.6	10	1.4	76.7	0.6	67.7	17.8	12.4	1.3	0.6	41	3	476
24MBAG0873	649650	6199200	60	202.9	4.8	2.2	2.1	6.3	0.7	100.2	0.3	62.2	19.1	9.5	0.9	0.3	23.4	2.4	515
24MBAG0874	649650	6199150	15	322.2	7.6	3.7	3.9	11.1	1.3	154.4	0.5	114.1	33.5	18.9	1.4	0.5	35.1	3.2	837
24MBAG0875	649650	6199100	20	224.4	4.7	2.3	2.4	6.5	0.8	69.2	0.4	57.7	16.6	9.4	0.8	0.4	22.1	2.3	494
24MBAG0876	649650	6199100	20	232.8	5.8	2.5	2.3	6.5	0.9	70.1	0.4	59.2	17.2	11	1.1	0.4	22.2	2.6	512
24MBAG0877	649650	6199050	20	102.7	3.6	2	1.5	4.9	0.6	56.5	0.3	39.5	11.4	6.3	0.7	0.4	18.6	2.3	296
24MBAG0878	649650	6199000	15	170.5	5.6	3.4	2.3	7.5	1	59.5	0.4	52.3	14.6	10.3	1.1	0.5	26.4	3.2	422
24MBAG0879	649650	6198950	15	102.2	3.1	1.8	1.2	3.9	0.6	51.5	0.4	34.5	10.4	6.2	0.6	0.3	17.1	2	278
24MBAG0880	649650	6198900	20	152.4	6.3	3.2	2.3	8.4	1.3	58.5	0.6	56.6	15.3	11	1.1	0.5	29.9	3	413
24MBAG0881	649650	6198850	25	49.2	2	1.3	0.7	2.5	0.5	26.2	0.2	19.4	5.4	3.1	0.3	0.1	10.2	0.9	144
24MBAG0882	649650	6198800	25	73.8	2.8	1.6	0.9	3.8	0.4	33.8	0.3	27.6	7.8	5.1	0.4	0.3	12	1.3	202
24MBAG0883	649650	6198750	15	96.5	3.3	1.6	1.7	5	0.5	52.9	0.3	40.3	11.6	7.2	0.6	0.3	14.1	1.5	279
24MBAG0884	649650	6198700	20	88.2	3.7	2.1	1.4	5.2	0.6	71.6	0.3	41.5	13.5	7.1	0.6	0.3	15.5	1.6	298
24MBAG0885	649650	6198650	30	81.5	3.9	2.3	1.2	5.3	0.9	59.7	0.3	40.1	11.4	7.7	0.6	0.4	20.2	2.6	281
24MBAG0886	649650	6198600	20	143.5	4.9	2.5	1.8	6	0.7	87.7	0.4	54.1	16.3	9.6	0.8	0.3	20	1.9	412
24MBAG0887	649650	6198550	25	104.1	3.4	1.7	1.7	4.6	0.6	51.8	0.3	35.4	10.7	6.2	0.6	0.2	17.8	2.2	284
24MBAG0888	649100	6200500	40	70.8	3.5	1.9	1	3.6	0.6	17.5	0.3	18	4.9	3.6	0.6	0.3	12.9	1.9	167
24MBAG0889	649100	6200450	80	16.6	1.2	0.7	0.3	1	0.2	7.4	0.2	6.2	1.9	1.1	0.2	0.2	6.2	0.7	52
24MBAG0890	649100	6200400	60	14.8	1	0.8	0.2	0.8	0.2	6.3	0.1	5	1.4	1.1	0.1	0.1	5.4	0.7	45
24MBAG0891	649100	6200350	60	8.7	0.8	0.5	0.1	0.7	0.2	4	0.05	3	0.8	0.7	0.05	0.05	4.1	0.8	29
24MBAG0892	649100	6200300	25	11.6	1.1	0.5	0.2	0.9	0.2	5.3	0.05	4.3	1.2	0.8	0.1	0.05	4	0.6	37
24MBAG0893	649100	6200250	10	10.2	0.6	0.5	0.1	0.7	0.1	5.9	0.1	4.1	1.2	0.6	0.1	0.05	3.9	0.7	34
24MBAG0894	649100	6200200	20	20.4	1.6	0.8	0.4	1.5	0.3	10.4	0.2	8.6	2.6	1.9	0.2	0.2	7.4	1	68
24MBAG0895	649100	6200150	35	33.9	2.7	1.1	0.7	2.5	0.5	14.7	0.2	14.7	4	3.1	0.4	0.2	9.2	1.2	105
24MBAG0896	649100	6200100	60	11.5	0.7	0.6	0.2	0.7	0.2	5	0.1	4	1.2	0.7	0.1	0.05	4.4	0.7	36
24MBAG0897	649100	6200050	50	25.5	2	1.2	0.5	2.1	0.3	10.8	0.2	10.5	2.8	2.2	0.3	0.2	9.2	1.6	82
24MBAG0898	649100	6200000	50	13.7	1.4	0.7	0.3	0.9	0.2	7.7	0.2	5.5	1.5	1	0.2	0.1	5.4	0.7	47
24MBAG0899	649100	6199950	25	23.6	1.5	0.9	0.3	1.4	0.3	11.7	0.2	8.7	2.4	1.9	0.2	0.2	6.8	1.3	72
24MBAG0900	649100	6199900	50	16	1.1	0.8	0.1	0.9	0.2	5.9	0.1	5.1	1.3	0.9	0.1	0.1	5.1	0.6	45
24MBAG0901	649100	6199850	70	5.6	0.4	0.3	0.05	0.3	0.1	2.7	0.05	2	0.5	0.2	0.05	0.05	3.5	0.6	20
24MBAG0902	649100	6199800	65	8.7	0.6	0.4	0.05	0.3	0.1	2.8	0.05	2.4	0.6	0.4	0.05	0.05	3	0.7	24
24MBAG0903	649100	6199750	90	6	0.4	0.3	0.1	0.3	0.1	3.5	0.05	2.6	0.8	0.4	0.05	0.05	3.2	0.5	22
24MBAG0904	649100	6199700	120	13.1	1.2	0.7	0.5	1.6	0.3	11.7	0.1	9.4	2.6	1.8	0.2	0.1	6.6	1	60
24MBAG0905	649100	6199650	40	36.8	1.5	1	0.5	1.6	0.3	11.2	0.1	10.2	3	2	0.3	0.1	7.2	1.3	91
24MBAG0906	649100	6199600	120	8.8	0.4	0.3	0.05	0.2	0.05	4	0.05	2.5	0.8	0.5	0.05	0.05	2.5	0.4	24
24MBAG0907	649150	6199600	70	7.6	0.5	0.3	0.2	0.4	0.1	4.6	0.05	2.9	0.9	0.5	0.05	0.05	3.2	0.5	26
24MBAG0908	649150	6199650	90	6.6	0.4	0.4	0.05	0.4	0.1	4.1	0.1	3.1	0.8	0.7	0.05	0.05	3.3	0.6	25
24MBAG0909	649150	6199700	10	71.2	5.5	2.6	2.2	7.5	0.9	50	0.3	61.1	16.2	10.5	0.9	0.3	28	2.1	306
24MBAG0910	649150	6199750	70	8	0.5	0.4	0.1	0.5	0.2	3.8	0.05	2.9	0.9	0.6	0.05	0.05	3.3	0.5	26
24MBAG0911	649150	6199800	50	7	0.6	0.4	0.05	0.6	0.05	3.6	0.1	3.1	0.9	0.4	0.1	0.05	3.3	0.5	25
24MBAG0912	649150	6199850	70	96.1	1.7	1	0.5	2.3	0.3	14.4	0.2	12.4	3.5	2.7	0.3	0.2	7.3	0.9	169
24MBAG0913	649150	6199900	60	23	1.3	0.7	0.4	1	0.2	9.3	0.1	7	2.2	1.6	0.2	0.1	5.6	1.2	64
24MBAG0914	649150	6199950	20	12.5	0.6	0.6	0.2	0.8	0.1	7.1	0.1	5.3	1.6	1.2	0.1	0.1	4.6	0.9	42
24MBAG0915	649150	6200000	160	14.8	0.6	0.5	0.2	1	0.1	6.3	0.05	4.7	1.4	1	0.1	0.2	4.5	1	43
24MBAG0916	649150	6200050	15	33.9	2.2	1.2	0.8	2.4	0.4	17.9	0.2	15.7	4.2	2.8	0.4	0.2	9.9	1.8	111
24MBAG0917	649150	6200100	15	20.5	1.7	1	0.4	1.4	0.3	11.1	0.2	9.4	2.7	1.8	0.3	0.2	7.1	0.9	70
24MBAG0918	649150	6200150	30	25.3	1.8	1	0.5	1.9	0.3	13.8	0.2	11.7	3.3	2.4	0.3	0.2	8.8	1	86
24MBAG0919	649150	6200200	30	7.6	0.7	0.4	0.05	0.6	0.1	4.1	0.05	2.9	0.9	0.6	0.1	0.05	3.5	0.7	26
24MBAG0920	649150	6200250	30	10.9	1.1	0.4	0.3	0.9	0.1	6.1	0.1	4.7	1.2	0.6	0.2	0.2	4.2	0.7	37
24MBAG0921	649150	6200300	25	14.4	0.9	0.6	0.2	0.9	0.2	7.9	0.05	4.7	1.4	0.8	0.1	0.05	4.7	0.9	45
24MBAG0922	649150	6200350	40	11.1	0.8	0.5	0.2	0.8	0.1	4.8	0.1	3.8	1.1	0.8	0.05	0.05	4.5	0.9	35
24MBAG0923	649150	6200400	30	5.6	0.5	0.4	0.1	0.5	0.1	3.1	0.05	2.3	0.6	0.3	0.1	0.05	3.5	0.6	21
24MBAG0924	649150	6200450	30	31.4	3.4	1.9	0.9	3.2	0.6	20.7	0.3	19	5.5	4.3	0.6	0.3	13.7	1.7	127
24MBAG0925	649150	6200500	50	46.7	2.6	1.9	0.8	3	0.6	14.8	0.3	15.7	4.5	4	0.5	0.3	11.2	1.9	128
24MBAG0926	649200	6200500	40	80.2	3.2	1.9	0.7	3	0.6	18	0.3	18.4	5.1	4.1	0.5	0.2	11.7	1.8	176
24MBAG0927	649200	6200450	30	30.1	2.5	1.3	0.6	2.4	0.5	14.5	0.3	14.2	3.7	2.6	0.3	0.2	9.4	1.1	99
24MBAG0928	649200	6200400	40	41.2	2.6	1.3	0.6	2.8	0.5	14	0.2	14	3.8	3.4	0.4	0.3	10.3	1.5	114
24MBAG0929	649200	6200350	40	17.8	1.3	0.8	0.3	1	0.2	8.4	0.1	7	2	1.9	0.2	0.2	6.1	0.9	57
24MBAG0930	649200	6200300	40	31	2.4	1.6	0.7	2.6	0.4	20.2	0.2	16.2	4.7	3.1	0.5	0.3	11.7	1.7	115
24MBAG0931	649200	6200250	10	34.6	3.4	1.6	0.8	2.7	0.5	17.4	0.2	18.6	4.9	3.5	0.5	0.3	11.5	1.3	120
24MBAG0932	649200	6200200	40	13	0.9	0.6	0.3	1	0.1	7.8	0.2	6.4	1.8	1.3	0.2	0.05	5.2	0.9	47
24MBAG0933	649200	6200150	30	14.3	1.2	1	0.3	1.2	0.2	8.1	0.2	6.9	1.9	1	0.2	0.2	5.6	0.9	51
24MBAG0934	649200	6200100	20	25	1.3	0.9	0.4	1.5	0.3	10.7	0.2	9.5	2.9	2.2	0.3	0.2	7.4	1.4	76
24MBAG0935	649200	6200050	130	3.3	0.2	0.2	0.05	0.3	0.05	1.9	0.05	1.3	0.5	0.4	0.05	0.05	2.2	0.6	13
24MBAG0936	649200	6200000	130	19.3	1	1	0.3	1.4	0.2	10.6	0.1	9	2.4	1.5	0.2	0.05	5.5	0.7	63
24MBAG0937	649200	6199950	30	20.1	1.1	0.6	0.3	1.1	0.2	11.8	0.05	8.4	2.4	1.8	0.2	0.1	5.2	0.8	64
24MBAG0938	649200	6199900	25	32.8	1.2	0.7	0.4	1.5	0.2	10.9	0.1	8.5	2.5	1.6	0.2	0.05	5.4	1.1	79
24MBAG0939	649200	6199850	30	82.8	2	1.1	0.8	2.8	0.4	34.1	0.2	25	7.2	4.5	0.5	0.2	10.6	1.3	204
24MBAG0940	649200	6199800	60	29.4	0.9	0.7	0.3	1.3	0.2	10.1	0.2	8.3	2.2	1.5	0.2	0.05	5.7	0.7	73
24MBAG0941	649200	6199750	45	20.2	0.7	0.3	0.2	0.5	0.2	5.9	0.05	4.4	1.2	0.4	0.05	0.05	3.5	0.3	45
24MBAG0942	649200	6199700	100	175.9	4.9	2.4	1.9	6.8	0.8	37	0.3	46.5	12.3	8.6	1	0.3	21.4	1.9	379
24MBAG0943	649200	6199650	50	38.8	2.4	0.9	0.7	2.7	0.3	28.6	0.2	17.5	5.3	2.7	0.4	0.2	9.5	1	131
24MBAG0944	649200	6199600	50	47.7	1.8	1.1	0.6	2.3	0.4	21	0.2	16.6	4.4	3.2	0.3	0.2	9.1	1.4	130
24MBAG0945	649250	6199600	70	33.9	1.6	0.9	0.6	2.4	0.3	22.8	0.2	15	4.6	2.2	0.3	0.2	8.1	1.3	111
24MBAG0946	649250	6199650	100	10.1	0.7	0.5	0.2	0.6	0.1	4.8	0.1	3.4	1	0.6	0.1	0.05	3.4	0.8	31
24MBAG0947	649250	6199700	110	23.6	0.8	0.3	0.2	0.7	0.1	8.6	0.1	7.6	2.3	1.1	0.1	0.05	4	0.7	59
24MBAG0948	649250	6199750	100	60.6	0.7	0.6	0.3	0.7	0.1	7.2	0.1	5.6	1.7	1	0.1	0.05	4.3	0.5	98
24MBAG0949	649250	6199800	70	26.3	0.3	0.2	0.05	0.4	0.1	4.6	0.05	2.6	0.8	0.6	0.05	0.05	2.8	0.7	47
24MBAG0950	649250	6199850	45	40.9	1	0.8	0.4	1.1	0.2	18.7	0.1	11.7	3.5	1.8	0.2	0.1	5.8	1	103
24MBAG0953	649250	6199900	25	18.5	1.1	0.4	0.2	0.6	0.1	6.3	0.05	4.2	1.3	0.7	0.05	0.05	3.4	0.7	44
24MBAG0954	649250	6199950	25	24	1.2	0.6	0.3	1.5	0.2	12.2	0.1	8.8	2.5	1.4	0.1	0.1	5	0.6	69
24MBAG0955	649250	6200000	120	3.6	0.3	0.1	0.05	0.2	0.05	1.9	0.05	1.7	0.4	0.2	0.05	0.05	2	0.5	13
24MBAG0956	649250	6200050	160	2.9	0.2	0.3	0.05	0.1	0.05	1.3	0.05	1	0.2	0.1	0.05	0.05	1.3	0.1	9
24MBAG0957	649250	6200100	100	5.1	0.3	0.2	0.05	0.2	0.05	1.6	0.05	1.1	0.3	0.2	0.05	0.05	1.8	0.2	13
24MBAG0958	649250	6200150	45	12.6	0.9	0.6	0.05	0.6	0.2	4.4	0.1	3.7	1.1	0.8	0.05	0.05	4	0.7	35
24MBAG0959	649250	6200200	20	6.7	0.6	0.5	0.1	0.4	0.1	3.1	0.05	2.5	0.7	0.4	0.05	0.05	3	0.4	22

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG0960	649250	6200250	30	5.9	0.4	0.4	0.1	0.7	0.1	3.2	0.05	2.6	0.7	0.5	0.05	0.05	3.3	0.5	22
24MBAG0961	649250	6200300	30	12.7	1.1	0.7	0.4	1.1	0.2	8	0.1	6.3	1.9	1.2	0.2	0.2	5.6	0.9	48
24MBAG0962	649250	6200350	30	42.5	2.3	1.1	0.7	2.2	0.4	11.7	0.2	12.3	3.3	3.3	0.4	0.2	7.7	1.2	105
24MBAG0963	649250	6200400	20	12.6	1	0.8	0.3	0.7	0.3	7.4	0.1	6.5	1.5	1.3	0.2	0.2	5.2	0.7	46
24MBAG0964	649250	6200450	30	21.1	1.4	0.9	0.5	1.5	0.3	9.4	0.2	11	2.7	2.1	0.3	0.1	6.2	1.1	69
24MBAG0965	649250	6200500	20	38.2	2.1	1.2	0.6	1.9	0.4	16	0.2	13.5	3.9	3.3	0.4	0.2	9	1.2	109
24MBAG0966	649300	6200500	30	38.7	2.3	1.4	1	2.9	0.4	14.4	0.3	16.4	4.4	3.5	0.4	0.2	9.6	1.6	115
24MBAG0967	649300	6200450	20	22	1.2	0.8	0.5	1.6	0.3	10.6	0.2	9.7	2.7	2	0.3	0.1	7.4	0.8	71
24MBAG0968	649300	6200400	30	36.2	2	1.2	0.5	2.1	0.3	13.6	0.2	15	3.8	2.6	0.3	0.2	10.1	0.7	105
24MBAG0969	649300	6200350	10	21.1	1.3	0.9	0.3	1.2	0.3	9.4	0.2	8.5	2.4	1.9	0.2	0.1	5.8	0.7	64
24MBAG0970	649300	6200300	30	27.8	2.1	1	0.5	2	0.3	13.3	0.2	11.7	3.2	2	0.3	0.1	8	0.9	87
24MBAG0971	649300	6200250	50	26.2	2.5	1.3	0.6	1.6	0.3	14.2	0.2	11.7	3.3	2.8	0.3	0.2	8.4	1.3	88
24MBAG0972	649300	6200250	50	25.3	2.2	1.2	0.5	1.7	0.3	14	0.2	12.1	3	2.5	0.3	0.2	8.2	1.1	86
24MBAG0973	649300	6200200	30	22.7	1.6	0.8	0.5	1.7	0.3	13	0.1	10.3	2.6	1.9	0.3	0.2	6.9	1.2	76
24MBAG0974	649300	6200150	30	54.6	3.4	2.2	0.9	3.4	0.6	21.9	0.2	21.8	5.7	4.6	0.6	0.3	13.4	2.4	160
24MBAG0975	649300	6200100	150	6.7	0.4	0.4	0.1	0.5	0.05	3.6	0.05	2.4	0.7	0.5	0.05	0.05	2.5	0.6	22
24MBAG0976	649300	6200050	60	6.5	0.3	0.1	0.05	0.3	0.05	3.4	0.05	2.3	0.7	0.4	0.05	0.05	1.7	0.3	19
24MBAG0977	649300	6200000	20	34.5	1.2	0.6	0.4	1.1	0.2	17.7	0.05	9.8	3.1	2	0.2	0.05	5.1	0.7	90
24MBAG0978	649300	6199950	150	2.5	0.2	0.05	0.05	0.1	0.05	1.4	0.05	1.2	0.3	0.2	0.05	0.05	1.3	0.2	9
24MBAG0979	649300	6199900	100	3.3	0.4	0.3	0.05	0.2	0.05	1.8	0.05	1.3	0.3	0.2	0.05	0.05	1.3	0.2	11
24MBAG0980	649300	6199850	150	2.4	0.2	0.1	0.05	0.1	0.05	1.7	0.05	1.3	0.3	0.05	0.05	0.05	1.3	0.3	9
24MBAG0981	649300	6199800	120	6.4	0.4	0.2	0.05	0.2	0.05	3.3	0.05	2.5	0.7	0.5	0.05	0.05	2.1	0.5	20
24MBAG0982	649300	6199750	90	3.9	0.3	0.3	0.05	0.3	0.05	2	0.05	1.6	0.5	0.4	0.05	0.05	1.6	0.4	14
24MBAG0983	649300	6199700	180	3.7	0.3	0.3	0.05	0.3	0.05	2.5	0.05	1.8	0.5	0.3	0.05	0.05	1.9	0.6	15
24MBAG0984	649300	6199650	70	8.7	0.4	0.3	0.1	0.3	0.05	3.2	0.05	2.3	0.7	0.4	0.05	0.05	2.2	0.3	23
24MBAG0985	649300	6199600	70	11.9	0.5	0.4	0.2	0.5	0.05	8	0.05	5.1	1.7	0.9	0.05	0.05	3.1	0.6	39
24MBAG0986	649350	6199600	70	6.2	0.4	0.2	0.05	0.3	0.05	2.5	0.05	1.4	0.5	0.2	0.05	0.05	1.3	0.4	16
24MBAG0987	649350	6199650	110	4.2	0.1	0.1	0.05	0.2	0.05	2.7	0.05	1.9	0.5	0.4	0.05	0.05	1.3	0.1	14
24MBAG0988	649350	6199700	110	7.3	0.4	0.3	0.1	0.3	0.05	4.8	0.05	2.7	0.8	0.3	0.05	0.05	1.6	0.2	22
24MBAG0989	649350	6200500	30	20.3	1.7	0.8	0.5	1.4	0.3	11.7	0.2	9.5	2.7	2.2	0.2	0.2	6.6	0.7	70
24MBAG0990	649350	6200450	20	21.2	1.7	0.8	0.4	1.8	0.3	10	0.1	8.6	2.4	2	0.3	0.1	6.2	0.9	67
24MBAG0991	649350	6200400	30	15.6	1.2	0.8	0.4	1.1	0.3	8.7	0.1	8	2.2	1.7	0.2	0.05	5.5	1	55
24MBAG0992	649350	6200350	30	27.5	1.7	1.1	0.6	1.8	0.3	12.1	0.2	12.6	3.2	2.9	0.3	0.2	6.7	1.3	85
24MBAG0993	649350	6200300	20	14.1	0.6	0.5	0.2	0.8	0.2	7.1	0.1	5.6	1.7	1.2	0.2	0.1	4.8	0.8	45
24MBAG0994	649350	6200250	25	20.9	1.6	0.7	0.4	1.3	0.2	10.5	0.1	9	2.6	2	0.2	0.2	5.7	1.2	67
24MBAG0995	649350	6200200	30	28.4	2	0.8	0.6	2.1	0.3	13	0.2	14.1	3.3	2	0.4	0.2	8.1	1.5	91
24MBAG0996	649350	6200150	110	3.6	0.3	0.2	0.05	0.2	0.05	2.1	0.05	1.4	0.4	0.2	0.05	0.05	1.9	0.2	13
24MBAG0997	649400	6200500	30	26.4	1.5	0.9	0.6	1.7	0.3	11.1	0.2	10.4	2.9	2.4	0.3	0.1	6.5	0.8	78
24MBAG0998	649400	6200450	25	52.4	2.3	1.5	1	3	0.6	16.5	0.2	18.8	4.8	3.8	0.5	0.3	12.4	1.6	141
24MBAG0999	649400	6200400	25	11	0.7	0.6	0.2	0.7	0.1	6	0.05	4.5	1.2	0.8	0.1	0.05	3.9	0.6	36
24MBAG1000	649400	6200350	20	15.3	1.1	0.5	0.2	1.2	0.2	7.7	0.05	6.1	1.7	1.1	0.1	0.05	4.2	0.9	48
24MBAG1001	649400	6200300	30	18.5	1.2	0.8	0.4	1.4	0.5	9	0.3	7.7	2.3	1.7	0.4	0.3	5	0.8	59
24MBAG1002	649400	6200250	30	37.5	2.4	1.1	0.7	2.1	0.4	19.3	0.3	15.2	4.4	2.6	0.3	0.2	9.4	1	114
24MBAG1003	649400	6200200	120	2.8	0.4	0.2	0.1	0.2	0.1	1.6	0.05	1.3	0.4	0.3	0.05	0.05	1.6	0.4	11
24MBAG1004	649450	6200500	30	61.4	3.6	2.1	1	3	0.6	16.7	0.3	19.7	5.4	3.7	0.5	0.3	11.8	2.1	156
24MBAG1005	649450	6200450	30	14.8	0.9	0.6	0.3	0.9	0.2	6.3	0.2	5	1.5	1	0.2	0.1	4.3	0.8	44
24MBAG1006	649450	6200400	25	25.3	1.8	1	0.6	1.6	0.3	11.9	0.2	10.6	2.9	1.8	0.4	0.2	7.9	1.2	80
24MBAG1007	649450	6200350	30	25.7	1.8	1.3	0.8	2.2	0.4	11.5	0.2	13.8	3.5	3.4	0.4	0.3	7.7	1.1	87
24MBAG1008	649450	6200300	30	79.9	2.7	1.2	0.8	2.8	0.4	24.8	0.3	21.5	6	3.8	0.4	0.2	11.3	0.8	185
24MBAG1009	649450	6200250	80	26.7	0.8	0.7	0.3	1.1	0.2	7.2	0.1	5.9	1.6	1.2	0.2	0.1	4.2	0.4	60
24MBAG1010	649450	6200200	150	3.7	0.3	0.3	0.05	0.3	0.1	2	0.05	1.6	0.4	0.5	0.05	0.05	1.7	0.2	13
24MBAG1011	649500	6200500	20	66.4	2.8	1.4	0.6	2.1	0.5	15.7	0.3	14.8	4.1	3.1	0.4	0.3	10.5	2.4	148
24MBAG1012	649500	6200450	25	89.7	3.2	1.6	0.9	2.8	0.6	17.3	0.3	15.8	4.4	3.8	0.5	0.2	11.5	1.4	181
24MBAG1013	649500	6200400	30	25.6	1.9	0.9	0.4	1.7	0.3	10.8	0.2	9.5	2.8	2	0.3	0.1	6.6	1.2	76
24MBAG1014	649500	6200350	35	42	2.8	1.3	0.7	2.8	0.4	12.6	0.2	15.4	4	3.4	0.4	0.3	9	1.5	114
24MBAG1015	649500	6200300	30	55	3.8	1.6	0.9	3.6	0.6	25.6	0.2	23.1	6.3	4.7	0.5	0.1	14	1.7	167
24MBAG1016	649500	6200250	150	20.9	1.2	0.7	0.4	1.5	0.3	13	0.1	9.9	2.8	2	0.2	0.2	5.9	0.9	71
24MBAG1017	649500	6200200	20	23	0.8	0.7	0.3	1.1	0.2	11.5	0.05	7.5	2.2	1.8	0.2	0.1	4.2	0.4	64
24MBAG1018	649500	6200150	30	90.5	2.1	0.9	0.9	2.3	0.3	41.6	0.2	22.7	7.5	3.3	0.4	0.1	8	1	214
24MBAG1019	649500	6200100	30	180.4	3.1	1.1	1.5	4.1	0.4	108	0.3	49.7	16.8	7.2	0.5	0.2	11.8	1.4	454
24MBAG1020	649500	6200050	30	315.2	2.2	1	1.9	4.7	0.3	207	0.2	78.5	28.9	10.3	0.5	0.2	8.2	0.8	774
24MBAG1021	649500	6200000	20	163.2	2.7	1	1.7	4	0.5	97.8	0.2	48	16.9	6.6	0.5	0.2	9.7	1.6	416
24MBAG1022	649500	6199950	15	53.3	1.7	0.7	0.5	2	0.2	32.4	0.1	17.1	5.3	3	0.3	0.1	6.1	1.1	146
24MBAG1023	649500	6199900	25	110.4	2.3	1.2	1.1	3.1	0.5	49.8	0.2	29.9	9.3	5	0.4	0.2	12.2	1.4	267
24MBAG1024	649500	6199850	20	247.7	3.9	1.6	1.8	4.5	0.5	101.5	0.3	59.9	19.5	9.2	0.7	0.3	15.5	1.9	551
24MBAG1025	649500	6199800	20	225.7	3	1.3	1.6	4.8	0.5	101	0.2	53.3	18.2	8.9	0.6	0.2	11.9	0.9	507
24MBAG1026	649500	6199750	25	149.8	5	2.5	1.6	7	0.9	55	0.4	47.4	14.1	8.6	0.9	0.3	20.7	2.2	372
24MBAG1027	649500	6199700	25	118.3	3	1.5	1.4	4.6	0.6	45	0.2	33.1	9.8	6.1	0.5	0.3	15.1	2.4	285
24MBAG1028	649500	6199650	25	91.7	2.6	1.5	1	3.2	0.5	39.7	0.3	26.6	8.3	4.9	0.5	0.1	12.5	1.1	229
24MBAG1029	649500	6199600	25	75.5	3.5	2.4	1.4	4.7	0.7	31.8	0.3	28.7	7.9	5.7	0.6	0.3	19.2	2	218
24MBAG1030	649550	6199600	30	187.3	5.6	3.2	2.8	7.7	1.1	65.7	0.4	65.4	18.6	12.6	1.1	0.4	26.2	2.8	472
24MBAG1031	649550	6199650	25	64	1.9	1.1	1	2.6	0.4	34.6	0.2	20.2	6.1	2.7	0.3	0.1	9.3	1.2	172
24MBAG1032	649550	6199750	20	168.5	3.3	1.7	1.6	5	0.6	75.5	0.3	47.5	14.3	8	0.7	0.3	14.5	1.5	404
24MBAG1033	649550	6199800	25	240.6	3.2	1.3	1.6	4.1	0.4	103.3	0.2	55	18.7	8.7	0.6	0.2	12.5	1.3	531
24MBAG1034	649550	6199850	25	205.9	2.9	1.5	1.7	4.9	0.5	109.8	0.2	57.9	19.1	8.4	0.7	0.05	12.9	1.7	503
24MBAG1035	649550	6199900	30	210.4	4.2	2.3	2.1	6.7	0.6	103.9	0.3	71.6	21.7	11.5	0.7	0.3	18	1.8	536
24MBAG1036	649550	6199950	30	95.8	3.2	1.6	1.1	3.9	0.6	61.5	0.3	40.3	12.8	5.8	0.6	0.2	12.8	1.7	285
24MBAG1037	649550	6200000	20	276.8	5.5	2.5	3.1	7.9	0.9	119.9	0.3	87.4	26.6	14.1	1	0.3	20	2.8	669
24MBAG1038	649550	6200050	30	243.1	2.2	0.8	1.5	4.1	0.3	159.2	0.1	60.4	22	7.5	0.5	0.1	8.5	1	600
24MBAG1039	649550	6200100	35	128.4	2	1	0.9	2.8	0.4	73.3	0.2	28.9	10.1	4.4	0.4	0.2	8.8	1	309
24MBAG1040	649550	6200150	45	48.7	1.4	0.8	0.6	2.1	0.3	26.6	0.2	16.8	5.2	2.9	0.2	0.1	6.9	0.6	133
24MBAG1041	649550	6200200	30	101.4	2.9	1.1	1.1	3.4	0.3	53.6	0.2	31.7	9.5	5	0.4	0.2	10.4	1.2	262
24MBAG1042	649550	6200250	50	60.6	2.6	1.2	1	3.1	0.5	23.6	0.2	21.3	6	4.4	0.4	0.3	10.4	1.2	161
24MBAG1043	649550	6200300	30	50.5	2.1	1.6	0.9	2.5	0.4	23.7	0.2	18.9	5.1	3.2	0.4	0.2	9.9	1.2	142
24MBAG1044	649550	6200350	40	15.6	0.9	0.5	0.3	0.8	0.2	7	0.1	5.2	1.7	1.2	0.1	0.1	4.6	1.1	47
24MBAG1045	649550	6200400	35	90	4.5	2.3	1.4	5.4	0.8	27	0.4	30.1	8.5	5.9	0.7	0.4	17.9	2	233
24MBAG1046	649550	6200450	35	244.9	7.7	4	2.1	7.7	1.5	31.8	0.6	45.3	12.2	10.8	1.2	0.6	26.8	3.7	472
24MBAG1047	649550	6200500	35	227.5	7.7	3.8	2	7.8	1.2	36.8	0.5	45.2	12.1	9.8	1.1	0.6	23.7	3.9	451
24MBAG1048	649600	6200500	30	271.9	10.3	5.9	3.7	14.3	2.1	96.1	0.7	92.3	25.4	17.4	2	0.8	55.3	4.8	711
24MBAG1049	649600	6200450	25	361.4	17.3	7.8	5	18	2.7	104.5	1.1	117	31.6	25.2	2.7	1.1	64	7.1	903
24MBAG1050	649600	6200400	30	21.2	1.1	0.8	0.3	1.3	0.3	9	0.1	7.7	2.3	1.7	0.2	0.05	5.8	0.6	62
24MBAG1051	649600	6200350	30	160.2	6.4	3	2.4	8.6	1.1	68.2	0.4	64.7	18.8	11.8	1.2	0.4	30.1	2.4	447
24MBAG1052	649600	6200300	35	144.3	5.2	2.4	1.4	6	0.7	59.7	0.4	50	14.5	9.4	0.8	0.3	20.9	2.2	375
24MBAG1055	649600	6200250	30	147.8	4.5	2.1	1.8	5.9	0.8	79.4	0.3	59.2	17.5	9.6	0.8	0.2	17.5	2	411
24MBAG1056	649600	6200200	25	132.9	2.2	1.1	1.1	3.7	0.4	77.6	0.2	44	13.4	6.6	0.5	0.1	10.7	1.3	348
24MBAG1057	649600	6200150	25	161	3.5	1.6	1.7	5.2	0.6	73.3	0.2	51.4	15	9.5	0.8	0.3	14.4	1.8	400
24MBAG1058	649600	6200100	30	66.9	2.3	0.9	0.8	2.4	0.3	32.7	0.2	23.6	6.7	4.1	0.3	0.1	8.7	1.1	178
24MBAG1059	649600	6200050	40	172.1	2.6	0.8	1.3	4.1	0.4	110.8	0.2	43.7	15.1	6.3	0.5	0.2	8.9	1.3	432
24MBAG1060	649600	6200000	25	219.9	4.1	2	2.4	6.8	0.7	126.7	0.2	75.3	22.8	12.2	0.9	0.3	16.8	1.7	579
24MBAG1061	649600	6199950	40	105.9	2.4	1	0.8	3.7	0.5	62.3	0.2	34.4	10.5	4.7	0.4	0.1	11.2	1.1	281

Sample_ID	Easting	Northing	Depth_cm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	TREO+Y_ppm
24MBAG1062	649600	6199900	40	219.4	5.4	2.1	2.5	8.2	0.8	133.4	0.4	83.9	25.1	13.4	1	0.4	22	2.9	612
24MBAG1063	649600	6199850	25	242.2	5.8	2.7	2.3	8.5	0.9	94.1	0.4	70.4	20.7	12.4	1	0.4	23.1	2.1	573
24MBAG1064	649600	6199800	25	68.2	1.9	1.2	0.8	3.1	0.5	40.4	0.3	26.6	7.6	5.3	0.4	0.2	12.1	1.3	200
24MBAG1065	649600	6199750	30	133.1	5.8	2.7	2.5	7.7	1	66	0.4	58.4	15.7	10.9	1	0.4	23.6	2.8	391
24MBAG1066	649600	6199700	30	163.9	4.9	2.6	2.1	7.5	0.8	66.2	0.4	54.5	15	9.4	1	0.4	22.2	2.5	416
24MBAG1067	649600	6199650	50	57.7	1.3	0.7	0.6	1.8	0.3	29.7	0.1	19.2	6	3.7	0.3	0.1	6.7	0.5	151
24MBAG1068	649600	6199600	20	125.1	3.3	1.6	1.4	4.7	0.7	51.5	0.3	43.1	12.3	6.4	0.6	0.3	14	1.5	314
24MBAG1069	649650	6199600	35	229.4	9.2	4.9	3.5	13.1	1.8	71.8	0.7	82.4	21.6	14.8	1.9	0.6	42.1	4.6	592
24MBAG1070	649650	6199650	25	226.7	5.4	2.8	2.1	6.7	0.9	78.7	0.3	58.9	17.7	9.8	0.9	0.5	24.4	2	515
24MBAG1071	649650	6199700	40	202.6	7.1	3.8	3.4	10.3	1.2	63.6	0.5	68.7	18.2	13.8	1.2	0.6	28.4	3.5	502
24MBAG1072	649650	6199750	20	116.5	6.5	3.2	2.3	8.7	1.1	43.8	0.5	48.5	12.4	9.2	1.1	0.4	26.4	2.6	334
24MBAG1073	649650	6199800	30	325	8.1	3.8	3.9	12.5	1.4	203.3	0.4	131.6	38.8	21	1.5	0.4	33.4	3.1	927
24MBAG1074	649650	6199850	25	168.7	4.3	2.3	2	6.7	0.9	111.6	0.4	71.8	21.1	11.6	0.8	0.3	21.3	2.6	502
24MBAG1075	649650	6199900	40	373.8	5.4	2.4	3	9.7	0.9	181.8	0.2	109.1	34	17.2	1.1	0.2	20.7	1.6	894
24MBAG1076	649650	6199900	40	378	5.3	2.1	2.9	8.7	0.8	180.2	0.3	108.8	32.7	14.6	1.2	0.3	20.1	1.6	890
24MBAG1077	649650	6199950	40	375.4	4.3	1.8	2.8	8.6	0.7	179.1	0.3	109.1	33.6	15.6	0.9	0.3	17.2	1.5	882
24MBAG1078	649650	6200000	35	236.4	3.3	1.5	1.8	5.1	0.5	116	0.2	62.2	19.5	8.7	0.6	0.2	14.7	1.2	554
24MBAG1079	649650	6200050	30	250.8	3.7	1.5	1.8	6.2	0.6	120.2	0.2	66.6	20.1	10.3	0.7	0.3	15.6	1.2	587
24MBAG1080	649650	6200100	30	47.4	1.3	0.7	0.6	2.2	0.2	23.1	0.2	18.9	5.1	2.8	0.3	0.1	6.4	1	130
24MBAG1081	649650	6200150	30	61.2	2.7	1.7	1	3.1	0.5	27.5	0.3	20.8	6.1	4	0.5	0.3	13.7	1.5	171
24MBAG1082	649650	6200200	40	49.3	1.7	1	0.7	2	0.2	26.9	0.2	16.2	4.8	3.4	0.2	0.2	7.8	1.2	136
24MBAG1083	649650	6200250	45	74.9	2.1	1.3	0.7	2.7	0.3	35.4	0.2	25.5	7.5	3.8	0.4	0.2	10	1.2	196
24MBAG1084	649650	6200300	15	43.6	1.3	0.9	0.5	1.5	0.2	22.6	0.1	15.3	4.4	2.3	0.2	0.1	6	0.7	117
24MBAG1085	649650	6200350	25	102.8	3.6	2.1	1.4	4.7	0.6	26.2	0.3	31.8	8.4	6	0.6	0.3	12.7	1.8	239
24MBAG1086	649650	6200400	30	83.6	3	2	1.3	4.4	0.6	34.4	0.3	29.4	8.3	5.2	0.6	0.3	16.4	1.8	226
24MBAG1087	649650	6200450	50	76.1	2.8	1.6	0.8	3.2	0.6	16.5	0.3	18.7	5.1	4	0.5	0.3	12.2	2.2	171
24MBAG1088	649650	6200500	40	71.1	3.8	2.2	1.2	3.7	0.6	21.8	0.3	23.3	6.4	5.6	0.6	0.3	14.2	2.4	186
24MBAG1089	649700	6200500	30	24.6	1.6	1.1	0.5	1.8	0.4	10.8	0.2	9.7	2.8	2	0.2	0.2	8.4	0.9	77
24MBAG1090	649700	6200450	30	148.1	6	3.2	2.3	8.7	1.3	61.5	0.5	58.2	14.9	10.4	1.1	0.4	34.5	3.2	418
24MBAG1091	649700	6200400	20	73.8	2.8	1.2	0.9	3.3	0.5	15.4	0.2	18.9	4.8	4.8	0.5	0.3	10.6	1.7	164
24MBAG1092	649700	6200350	30	53.2	2.4	1.5	0.9	2.9	0.5	18.9	0.2	19.6	5.5	4.2	0.3	0.3	12.1	1.9	147
24MBAG1093	649700	6200300	30	200.2	5.2	2.1	2.2	7.6	0.8	89	0.3	71.3	19.4	11.4	1	0.4	21	1.8	510
24MBAG1094	649700	6200250	35	51.2	2.3	0.9	0.8	2.2	0.3	27.1	0.2	21	6.1	3.4	0.3	0.2	8	1.8	148
24MBAG1095	649700	6200200	30	36	1.7	0.9	0.6	1.7	0.3	21	0.1	13.2	3.8	2.5	0.2	0.2	6.4	0.9	105
24MBAG1096	649700	6200150	30	63.1	2.3	1.1	0.8	2.4	0.3	25.9	0.2	20.2	5.8	4.1	0.4	0.2	10.7	1.1	163
24MBAG1097	649700	6200100	30	94.1	3.1	1.8	1.3	4.5	0.7	46.3	0.3	35.2	9.9	7.1	0.7	0.3	16.6	1.9	264
24MBAG1098	649700	6200050	30	522	5.5	2.2	3.5	11	0.9	216.7	0.2	129.1	39.6	21.1	1.2	0.3	19.6	1.6	1144
24MBAG1099	649700	6200000	40	209	3.5	1.9	1.9	6.3	0.7	110.6	0.3	65.3	20.1	9.2	0.7	0.3	18.3	1.5	529
24MBAG1100	649700	6199950	50	232.6	3.8	2	2.2	5.2	0.6	102	0.3	59	17.9	8.6	0.7	0.3	18.3	1.7	535
24MBAG1101	649700	6199900	40	129.6	2.3	1.4	1.5	3.8	0.6	73.1	0.2	40.9	13.3	6.5	0.5	0.2	12.8	1.8	339
24MBAG1102	649700	6199850	30	337.3	4.9	2.8	2.2	8.2	1	139.4	0.4	81.7	24.9	12.6	1	0.2	28	1.7	760
24MBAG1103	649700	6199800	35	193.3	8.2	4.3	2.6	9.9	1.5	85.3	0.6	69.1	18.7	12.8	1.5	0.7	39.8	3.2	532
24MBAG1104	649700	6199750	40	437.5	6.5	3	3.2	11.4	1.1	206.8	0.4	125.5	38.6	18.7	1.4	0.2	29.4	2.1	1041
24MBAG1105	649700	6199700	30	69.1	2.9	2	1.4	3.6	0.6	30.6	0.3	19.3	5.5	4	0.6	0.4	18.2	1.7	189
24MBAG1106	649700	6199650	50	66.1	2.2	1.3	0.9	2.4	0.4	36.4	0.2	20.1	5.9	3.2	0.4	0.2	13.6	1.2	182
24MBAG1107	649700	6199600	20	42.5	2.2	1.7	0.6	2.4	0.6	18.6	0.2	15.9	4.1	3	0.4	0.3	13.2	1.7	127
24MBAG1108	649700	6199550	35	115.1	5.9	3.1	1.7	7.1	1	41.3	0.4	41.3	11	8.5	1	0.4	25.7	2.8	315
24MBAG1109	649700	6199500	25	119.3	4.4	2.5	1.8	5.7	0.7	48.8	0.3	42.3	12.3	7.4	0.7	0.3	18.4	2.1	314
24MBAG1110	649750	6199500	40	218.4	3.7	1.8	2	6.8	0.7	103.9	0.3	64.3	19.9	10	0.7	0.4	19.3	1.5	533
24MBAG1111	649750	6199550	30	122.2	3.6	1.8	1.5	4.7	0.5	63.1	0.3	32.4	9.7	6.1	0.6	0.2	17.7	1.5	313
24MBAG1112	649750	6199600	30	145.4	4.2	2.8	1.8	6.8	1	81.6	0.4	49.4	14.9	8.6	0.8	0.5	28.5	2.5	412
24MBAG1113	649750	6199650	50	54	5.6	3.3	1.8	5.9	1.2	27.6	0.5	24.3	6.4	5.2	0.9	0.5	33.6	3	206
24MBAG1114	649750	6199700	25	77.7	2.9	2.1	1	3.6	0.7	38.7	0.3	22.1	6.9	4.3	0.5	0.3	17.5	2	213
24MBAG1115	649750	6199750	30	109.9	9.4	5.6	3	10.6	2	47.8	0.9	50.4	13.2	11.1	1.6	0.8	53.7	5.2	386
24MBAG1116	649750	6199800	35	158.8	6	3.6	2.2	8.2	1.2	75.6	0.4	57.8	16.4	10.6	1.1	0.6	31.4	2.8	444
24MBAG1117	649750	6199850	20	324.6	7.7	4	3.3	12.2	1.3	155.2	0.5	103	31.9	15	1.3	0.6	38.2	3.5	826
24MBAG1118	649750	6199900	40	278.8	4.1	2.2	2	6.6	0.7	89	0.2	54.4	17.4	9	0.8	0.2	18.2	1.8	570
24MBAG1119	649750	6199950	40	236.5	4	2.3	2.1	6.8	0.7	96.9	0.3	56.2	17.9	9.4	0.9	0.3	19.3	1.6	535
24MBAG1120	649750	6200000	40	726.3	10.3	3.7	5.8	20	1.4	325.3	0.4	231.4	71.5	33.6	2.2	0.5	37.4	3	1729
24MBAG1121	649750	6200050	30	204.6	3.8	1.8	1.9	6.2	0.7	106	0.2	65.8	20.8	9.9	0.7	0.2	16.3	1.2	517
24MBAG1122	649750	6200100	30	238.5	5	2.3	2	7.2	0.9	124.7	0.4	75	23.2	11.3	0.9	0.2	22.3	2	607
24MBAG1123	649750	6200150	25	92.2	3.6	2	1.4	5.4	0.8	50.3	0.3	34.5	10.6	6.8	0.7	0.3	18.2	1.4	269
24MBAG1124	649750	6200200	30	45.8	1.6	0.9	0.6	1.6	0.3	27.7	0.2	14.9	4.6	2.6	0.3	0.1	7	1	129
24MBAG1125	649750	6200250	25	190.4	4.7	2.6	2.5	7.9	0.8	105	0.3	82.1	24.1	13.1	1	0.4	22.5	1.9	540
24MBAG1126	649750	6200300	30	73	2.2	1.2	0.7	2.6	0.4	34.3	0.2	23.1	7.6	4.5	0.4	0.2	9.7	1.3	190
24MBAG1127	649750	6200350	30	65.6	2.5	1.3	0.9	3.6	0.4	27.6	0.3	22.3	6.5	4.1	0.4	0.3	12.8	2.1	178
24MBAG1128	649750	6200400	30	39.7	2	1.2	0.5	2.4	0.5	16	0.2	13.3	3.9	3.1	0.3	0.2	10.2	1.5	112
24MBAG1129	649750	6200450	50	21.5	1.2	0.8	0.3	1	0.2	9.2	0.1	6.4	1.9	1.5	0.2	0.1	6.5	0.9	61
24MBAG1130	649750	6200500	50	22.8	1.2	0.9	0.4	1.4	0.3	10.1	0.1	8.1	2.4	2.1	0.2	0.1	6.6	0.9	68
24MBAG1131	649800	6200500	50	17.3	1	0.7	0.2	1	0.2	6.7	0.1	4.7	1.4	1.2	0.1	0.2	5.1	0.9	48
24MBAG1132	649800	6200450	40	78.5	3.7	2.1	1	4.3	0.7	35.1	0.3	28.4	8.1	5.6	0.7	0.4	17.4	1.9	222
24MBAG1133	649800	6200400	30	35.5	2.3	1.3	0.5	2	0.4	14.4	0.2	12.2	3.6	2.6	0.4	0.2	8.9	1.5	101
24MBAG1134	649800	6200350	20	143.6	4.6	2.5	1.8	6.1	0.7	60.4	0.3	47.4	13.9	8.9	0.7	0.4	20.7	2.4	370
24MBAG1135	649800	6200300	30	112.8	2.9	1.7	1.2	4.5	0.6	55.2	0.2	39.4	12	6.7	0.5	0.1	12.1	1.2	295
24MBAG1136	649800	6200250	25	189.1	4.3	2.1	2	7.4	0.8	81.7	0.2	64.9	19.9	11.3	0.8	0.3	17.8	2	481
24MBAG1137	649800	6200200	40	38	1.2	1	0.6	1.6	0.3	25	0.1	14.2	4.2	2.1	0.2	0.2	7	0.6	113
24MBAG1138	649800	6200150	20	54.5	4.1	1.6	1.1	3.9	0.6	28.3	0.2	22.5	6.5	4.6	0.5	0.2	18.6	2.6	177
24MBAG1139	649800	6200100	30	110.3	3.6	2.1	1.4	4.3	0.6	62.3	0.3	35.8	11.6	6.1	0.6	0.4	18.9	2.3	307
24MBAG1140	649800	6200050	30	83	3.2	1.6	0.8	4.5	0.6	49.2	0.2	29.8	9.2	5.5	0.6	0.3	16.3	1.9	244
24MBAG1141	649800	6200000	50	348.1	5.3	2.9	3.1	10	1	157.2	0.4	100.4	31.2	15.7	1.1	0.4	33.5	2.7	839
24MBAG1142	649800	6199950	35	197.4	4.2	2.2	2	6.5	0.7	109.9	0.3	64.7	20.2	9.2	0.8	0.3	20.7	1.8	519
24MBAG1143	649800	6199900	40	258	4.2	2.1	2.1	6.9	0.8	103.7	0.2	63.7	19.2	9.4	0.9	0.3	22.6	2	583
24MBAG1144	649800	6199850	20	933.5	16.5	6.4	7.5	26.3	2.4	328.7	0.7	264.3	78.8	43.2	2.9	0.9	65.2	5.2	2094
24MBAG1145	649800	6199800	40	180.4	5.8	2.6	2.5	8.2	1	84.4	0.3	61.8	17	10	0.9	0.4	26.9	2.1	476
24MBAG1146	649800	6199750	30	95.5	7.8	5.8	2.3	11.1	2	49	0.8	44.7	11.9	9.3	1.5	0.8	51	5.7	355
24MBAG1147	649800	6199700	30	252.1	6	3.4	2.3	7.7	1.1	116	0.5	58.8	19.1	10.1	1.1	0.4	29.9	2.1	601
24MBAG1148	649800	6199650	30	77.4	4.4	2.7	1.6	4.8	0.8	41	0.4	28.8	7.7	5.7	0.7	0.4	23.8	2.4	239
24MBAG1149	649800	6199600	30	113.3	4	2	1.5	4.6	0.5	69	0.3	39.3	11.9	6.3	0.7	0.4	19.9	2	325
24MBAG1150	649800	6199550	30	91.3	3.6	1.7	1.4	4.3	0.7	48.9	0.2	29.8	9	5.6	0.7	0.3	17.1	2.2	255
24MBAG1151	649800	6199500	30	85.8	2.6	1.9	0.9	3.3	0.5	40.2	0.2	21.6	6.8	3.9	0.6	0.2	16	1.6	219

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	• Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. • Aspects of the determination of mineralisation that are Material to the Public Report. • In cases where 'industry standard' work has been done this would be relatively simple (eg' reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.	• Hand auger sampling consisted of collecting regolith from 10-180cm below the surface targeting clays with material collected raw in calico bags. • Duplicate samples were collected at approximately every 100 samples, with blanks and standards all inserted at 100 sample intervals. • Samples were collected at 50m intervals over a 1x1km grid. No samples collected where outcrop was present or if the site was cultural disturbed, ie a road or dam. • Sampling medium varied from clay to sandy clays with larger samples taken in the case of diluted clays from sands.
Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	• No drilling conducted.
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed. • Measures taken to maximise sample recovery and ensure representative nature of the samples. • Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	• No drilling conducted. . .
Logging	• Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	• No drilling conducted.

Criteria	JORC Code explanation	Commentary
	• *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Hand auger sampling utilised the tube bit for collection with all samples reported as dry due to being the summer and a general lack of rain. Sampling was conducted below the culturally disturbed surface is a recognised sampling technique and is appropriate for this location. • Duplicate samples were taken at around the 100th sample point. REE standards and blanks were also inserted every 100th sample. • Sample size was on average 1kg of raw material and sample sizes are considered appropriate for the objectives of the programme which are to define a contour of anomalous clays for drilling or trenching. REE clays being the target of the exploration programme.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• The auger samples were consigned to Intertek Genalysis for SP1 dry and screen preparation and lithium borate fusion (FB6) for REE suite and an ICP-MS finish and a ICP-OE finish for major oxides. Due to the refractory nature of lanthanides the fusion technique is the industry standard. • Duplicates, standards (OREAS146) and blanks (washed sand) were used at every 100 samples. Results indicated were within acceptable standard deviations.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• The analytical results are consistent with the due diligence soil sampling. Confirming the trigger areas. • No modification was done to the assay data apart from conversion from element to oxide using the parameters given in table 6, element to stoichiometric oxide conversion factor available from JCU https://www.jcu.edu.au/advanced-analytical-

Criteria	JORC Code explanation	Commentary
		centre/resources/element-to-stoichiometric-oxide-conversion-factors
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• The datum used the GDA94 zone 50 using a handheld Garmin GPSMAP66st GPS • Topographic height control was limited to the GPS and therefore has up to 20m variation
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• The 50m centred grid auger sampling is considered adequate for defining areas for drilling or trenching follow-up. • The auger sampling is not sufficient to indicate any continuity of mineralisation due to the limited depth of penetration. • No mineral compositing has been done.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• The sampling is not testing any structures and the nature of the grid auger sampling is sufficient for determining areas for more detailed work. • No drilling conducted.
Sample security	• *The measures taken to ensure sample security.*	• Samples were collected by company personnel and directly lodged at the laboratory.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audit reviews were conducted

Section 2 Reporting of Exploration Results
(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.*	• The three tenements that for the Monjebup project E70/6042-44 are held by Liontown and are subject to a farm-in arrangement with Red Mountain. The licences are held over freehold land and are subject to the normal conditions associated with freehold. An access agreement with the native title holders is in place.

Criteria	JORC Code explanation	Commentary
	• *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• All three Project licences are in good stating with no impediments from the mines department.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Iluka Resources conducted roadside aircore drilling at various intervals (generally 500-1000m) along approximately NW- SE roads toward the coast. The drilling was done to blade refusal or basement and depths can indicate an approximate depth of weathering across the area. Selected intervals from cover rocks with visible heavy minerals, usually greater than 1.5% were subject to wet geochemistry and HM concentration. In E70/6043 drill cuttings from hole W00414 interval 0-1.5m (Sandy Clay) returned Ce>500ppm, La 353ppm, P 3780ppm, Th 458 ppm (Note Nd levels were not tested).
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Monjebup Project is located in the Proterozoic Albany Fraser Belt, an 1100-1300Ma orogenic belt marginal to the SW Yilgarn block and locally in the East Biranup Zone of granitoids which contains reworked Archaean rocks from the Yilgarn. The zone consists of older reworked and metamorphosed gneissic rocks with late to post tectonic granites with minor low-grade deformation, weak foliation and recrystallisation. These late stage granitoids are generally porphyritic or seriate textured adamellites with abundant microcline phenocrysts set in a medium to coarse granite quartz, plagioclase, microlite, biotite, hornblende with minor opaques, apatite and zircon. The mapped basement geology consists of Archaean metamorphosed agmatite, (Amf), adamellite and granodiorite (Agg) and granite and adamellite (Agl). A compositionally layer gneiss (AP_gn) is located in the SE and is late Archaean, early Proterozoic in age. No Proterozoic sediments are mapped in the area.
• . The WACHEM database records has two Granitic rock samples 225506 (metagranodiorite) and 184120 (metagranite) in the project licences, the former has an elevated REE trace elements at 142.5ppm TREE and the later has below detection TREE.
• The mapped cover sequences are the Tertiary (Tp) Plantagenet group, siltstones. Silty sandstones and spongolite and the

Criteria	JORC Code explanation	Commentary
		Pallinup siltstone which is generally exposed in the drained areas skirting the basement. Quaternary cover dominates the tenements with sandplain (Czs) and minor lateritic duricrusts (Czl) and colluvium (Qc) around the drainages eroded sandplain areas

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	   o *easting and northing of the drill hole collar*
	   o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	   o *dip and azimuth of the hole*
	   o *down hole length and interception depth*
	   o *hole length.*
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*
		• No drilling information provided.
		• All sampling positions have been provided with eastings and northings using datum GDA94 zone 50.

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No weighting or averaging techniques or truncations are undertaken. • No data aggregation methods were used. • No metal equivalents have been used.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• No relationships between mineralisation widths and intercepts have been made. • No drilling conducted

Criteria	JORC Code explanation	Commentary
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Appropriate location and results maps are presented in the body of the announcement
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Standard REE reporting methods used and compliant with JORC 2012. Y is included in the TREO calculations. • *Total Rare Earth Oxide TREO = La_2O_3 + Ce_2O_3 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3*
Other substantive	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical*	• All relevant data has been reported

Table within Balanced reporting Commentary:

Element	Oxide Factor	Oxide Form
Nb	1.4305	Nb2O5
Ce	1.2284	Ce2O3
Dy	1.1477	Dy2O3
Er	1.1435	Er2O3
Eu	1.1579	Eu2O3
Gd	1.1526	Gd2O3
Ho	1.1455	Ho2O3
La	1.1728	La2O3
Lu	1.1371	Lu2O3
Nd	1.1664	Nd2O3
Pr	1.2082	Pr7O11
Sm	1.1596	Sm2O3
Tb	1.1762	Tb4O7
Tm	1.1421	Tm2O3
Y	1.2699	Y2O3
Yb	1.1387	Yb2O3
U	1.1792	U3O8
Th	1.1379	ThO2

Criteria	JORC Code explanation	Commentary
exploration data	*survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Short term future work plans involve closing off the open contoured data, geologically mapping the anomalous areas and possible aircore drilling or trenching to determine the thickness of the REE clays • No diagrams of future work are provided in this release.