

095994

# GEOCHEMICAL REPORT

CLAIMS:  
BREW 1-56, 57-168

YC87746-YC87801  
YC95901-YC96012

NTS Map Sheet #: 1150/03

LAT: ~~8° 51' N~~ 63° 09' 12" N

LONG: ~~144° 0' W~~ 139° 02' 02" W

Registered Owner: Ryanwood Exploration Inc.

DAWSON CITY MINING DISTRICT

AUTHOR OF REPORT: SHAWN RYAN

WORK PERFORMED August 20<sup>th</sup> – September 1, 2009

DATE OF REPORT January 17, 2012



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## **SUMMARY**

Ryanwood Exploration Inc. completed a soil sample survey on the BREW claim block. A total of 1317 soils were collected from the property between August 20<sup>th</sup> and September 1<sup>st</sup>, 2009.

## **1 INTRODUCTION**

The 2009 BREW field campaign consisted of a 42 man-day soil sampling program. 1317 soil samples were collected from a square grid 2500m by 2500m. The 26 traverse lines are oriented northeast, and are parallel with 100m spacing between them. Samples were collected every 50m along the traverse lines (Figure 1).

The objective of the survey was to explore for gold in the hills around the Brewer Creek placer gold deposits, with specific attention being paid to the magnetic anomaly encompassed within the claim block.

## **2 LOCATION AND ACCESS**

The BREW claims are located in the Brewer Creek area, south of Stewart River. NTS map sheet 1150/06.

Access was attained via helicopter from the Thistle Creek Camp operated by Ryanwood Exploration Inc. and Owned by Stuart Schmidt .

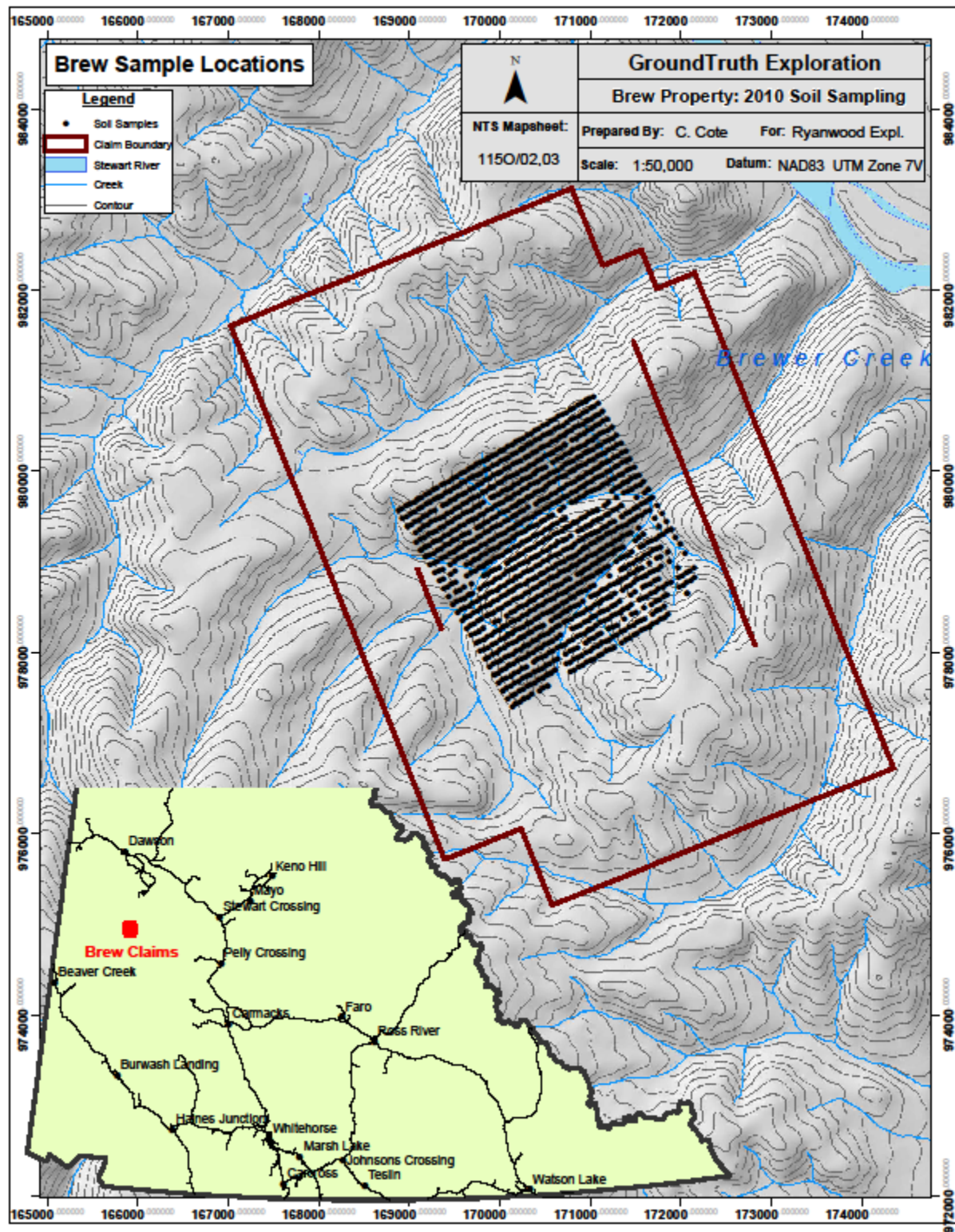
## **3 PROPERTY DESCRIPTION**

The BREW property consists of 168 full Quartz mining claims registered in the Dawson Mining District.

The property lies between the elevations of 420m to 800m. The property is cut by three drainages and associated ridges with a northeast bearing. It is a heavily forested property with south aspect slopes being dominated by Alder Trees, north aspect slopes dominated by Black Spruce, and the remainder of the property having mixed forests of these species plus White Spruce and Birch trees.

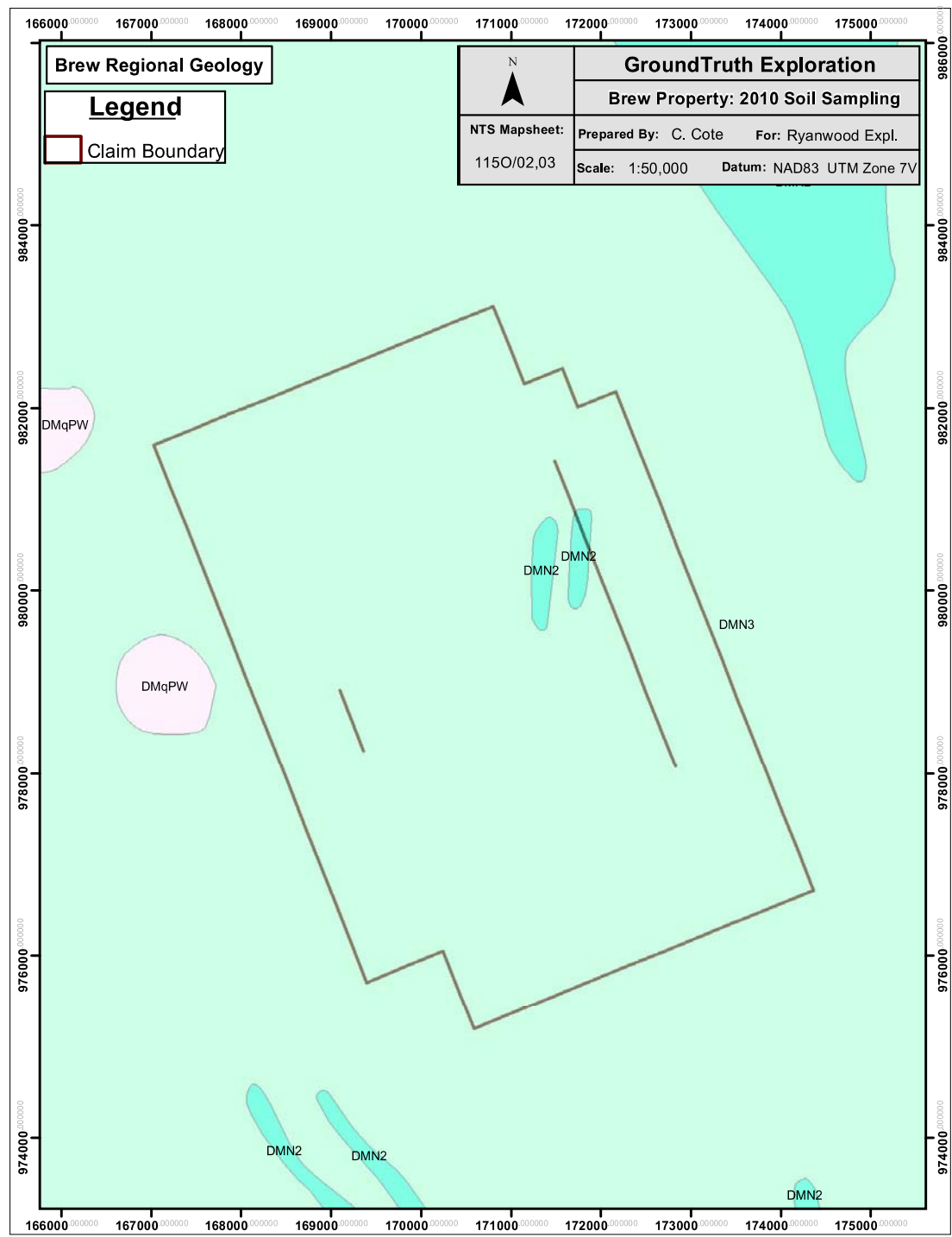
The Brew lies within Canada's discontinuous permafrost zone. This area is typified by thick moss mats overlying permafrost on north aspects, rocky and boggy permafrost zones at alpine elevations, no permafrost on south aspect, and varying degrees of permafrost in intermediate zones depending on localized effects of vegetation, aspect and hydrology.

Figure 1: Locator map of BREW claims.



# 4 REGIONAL GEOLOGY

Figure 2: Regional Geology



## Legend for YGS Regional Geology (figure 2):

### DEVONIAN, MISSISSIPPIAN AND(?) OLDER



#### DMN: NASINA

graphitic quartzite and muscovite quartz-rich schist (1), (3)-(5), and(?) (6) with interspersed marble (2) and probable correlative successions (7) - (9)

1. dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (+/-chlorite; +/- feldspar augen) schist, locally garnetiferous; minor graphitic stretched metaconglomerate and metagrit (**Nasina assem.**)
2. marble (**Nasina assem.**)
3. quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Nisling Assemblage
4. quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Klondike Schist Assemblage
5. black-weathering, massive, dark grey to black strongly graphitic quartzite with lesser grey micaceous quartzite and quartz mica schist; commonly shows alternating light and dark grey colour lamination (**Nasina quartzite**)
6. biotite schist or gneiss; association uncertain, may belong to Nisling Assemblage
7. medium green to yellow green muscovite-chlorite-actinolite-epidote-albite +/-biotite schist to quartz-rich schist, local albite porphyroblasts; green and yellow banded biotite+/-magnetite schist (metatuff?); micaceous quartzite; minor metachert (**Hazel**)
8. hornblende-oligoclase-quartz+/-biotite +/-actinolite mafic gneiss and schist; hornblende amphibolite; sheared metaplutonic rock with interleaved quartzite and muscovite+/- biotite+/-oligoclase+/-garnet schist; bands of quartzofeldspathic melt (**Dorsey**)
9. fine grained actinolite+chlorite-muscovite+/-epidote phyllite and schist; calcareous metavolcanic rocks; quartzite; marble; sheared felsic to intermediated metaplutonic rocks; minor calcareous green metasiltstone or metatuff and sandy metacarbonate (**Ram Creek**)
10. Eclogite

## LATE DEVONIAN TO MISSISSIPPIAN

### DMPW

#### DMPW: PELLY GNEISS SUITE - SOUTHWEST

variably deformed granitic rocks of predominantly felsic (q) to intermediate composition (g) southwest of Tintina Fault

- q. foliated equigranular medium-grained muscovite quartz monzonite; moderately to strongly foliated K-feldspar augen-bearing quartz monzonitic to granitic gneiss (**S. Fiftymile Batholith, Mt. Burnham Orthogneiss,**)
- g. foliated medium grained, homogeneous biotite granite gneiss to biotite or hornblende granodiorite gneiss; massive to strongly foliated dioritic to granodioritic gneiss; includes interfoliated amphibolite, quartz-mica schist and phyllite (**Selwyn Gneiss, Pelly Gneiss, N. Fiftymile Batholith, Moose Creek Orthogneiss**)

## 4.1 PROPERTY GEOLOGY

The BREW claims are part of the Nasina Assembly. The claims are primarily composed of quartzite, micaceous quartzite, quartz muscovite schist, and minor metaconglomerate and metagrit, but may locally include significant Nisling Assemblage (DMN3). There are also two small packages of Nasina Assembly Marble (DMN2), (YTG Regional Geology, 2011) (Figure 2).

## 5 WORK PROGRAM / METHODS

The BREW claims were sampled by Ryanwood Exploration Inc. Two helicopter loads, (Bell 206 Jet Ranger) totaling 8 soil samplers, would fly the 15km to the property from the Thistle Creek airstrip. Sampling took place between 20<sup>th</sup> August to 1<sup>st</sup> September, 2009. A total of 1317 soils were collected on the BREW soil program. 42 field man days were required to collect these samples.

### 5.1 SOIL WORK

All soil samples are taken with one-meter soil augers or a prospector pick where more rocky terrain is encountered. Soil samples are gathered from an average depth of 70 centimeters. Soil sample locations are marked in the field with pink flagging and aluminum tags. The sample number is inscribed on the aluminum tag and tied to a tree or shrub at shoulder height above sample site.

The sample number is recorded with a Garmin Map76Cx GPS unit using UTM coordinates and NAD 83 datum.

Sample description such as color, depth, slope, sample quality, ground vegetation, tree cover and GPS coordinates (backup) are recorded in a Palm PDA data recorder for further evaluation of soil samples.

A total of 400-500 grams of soil is collected and placed in well-marked kraft soil bag for every sample. If this is not possible, the sample is marked as a “small sample”, although enough soil is still taken for an assay to be performed.

The GPS and PDA are downloaded every night and stored in the crew chiefs official company computer. A second backup copy of the data is transferred to a memory stick and the memory stick is relocated to a secondary tent (in case of fire).

All samples are brought back to Dawson City where they are air dried, repacked in rice bags, and sent to the Acme prep Lab in Whitehorse, YT.

Samples are processed with Aqua Regia ICP-MS for 36 elements (Acme Labs 1DX-15 gram).

## **6 INTERPRETATION: SOIL GEOCHEMISTRY**

Results from the sampling program indicate areas anomalous results. While the southern and western portions of the grid have fairly low results, the northern, central and eastern areas have higher concentrations of gold, arsenic, and antimony, with five samples yielding gold values above 40 ppb, and one sample assayed at 874 ppb.

There is a zone of gold mineralization trending southeast (figure 4).

There seems to be a strong correlation between arsenic and antimony on the property. Gold displays a weak correlation with arsenic, and a slightly stronger correlation with antimony, as displayed in figures 4, 5 and 6.

## **7 RECOMMENDATION**

I would recommend continuing the soil grid along trend of the gold anomaly indicated in figure 4. This would expand the grid to the north and south. The soil grid should be on 100m line spacing and 50m sample spacing, with lines parallel to the original grid traverse lines.

When the gold anomaly is outlined, a trench should be placed perpendicular to strike in the most prospective locations.

## 8 REFERENCES CITED

Yukon Geological Survey: Bedrock Geology (ESRI Lyr file). (1/21/2011)  
[www.geomaticsyukon.ca/other\\_data.html#Mining](http://www.geomaticsyukon.ca/other_data.html#Mining). Department of Energy, Mines and Resources. Accessed Jan 21, 2011.

## 9 COST

|                                               |                   |
|-----------------------------------------------|-------------------|
| Assay Cost 1317 samples @ 24.00 per sample    | \$31,608.00       |
| Wage 42 man days @ \$330 per day              | \$13,860.00       |
| Food/Camp 42 man days @ \$100 per day         | \$4,200.00        |
| Helicopter Cost- 14.3 hours @ \$1300 per hour | \$18,590.00       |
| Report Writing                                | \$1,000.00        |
| Total                                         | <hr/> \$69,258.00 |

## 10 QUALIFICATION

I, Shawn Ryan, located in Dawson City, Yukon work as a professional prospector. I run a small exploration company located in Dawson city.

I have worked in the exploration business for the last 25 years. I worked the first 12 years as a contractor working on numerous projects in the NWT, Ontario, Quebec and the Yukon. I have worked for the last 8 years as a local prospector for myself.

I have being trained to run various geophysical instruments and surveys such as magnetic surveys, max-min surveys, induce polarity surveys and Vlf surveys.

I have overseen the BREW soil Survey.

I own 100 % of the BREW.

Dated this 18<sup>th</sup> of January, 2012 in Whitehorse, Yukon.

Respectfully submitted

Shawn Ryan

Figure 3: Claim Map

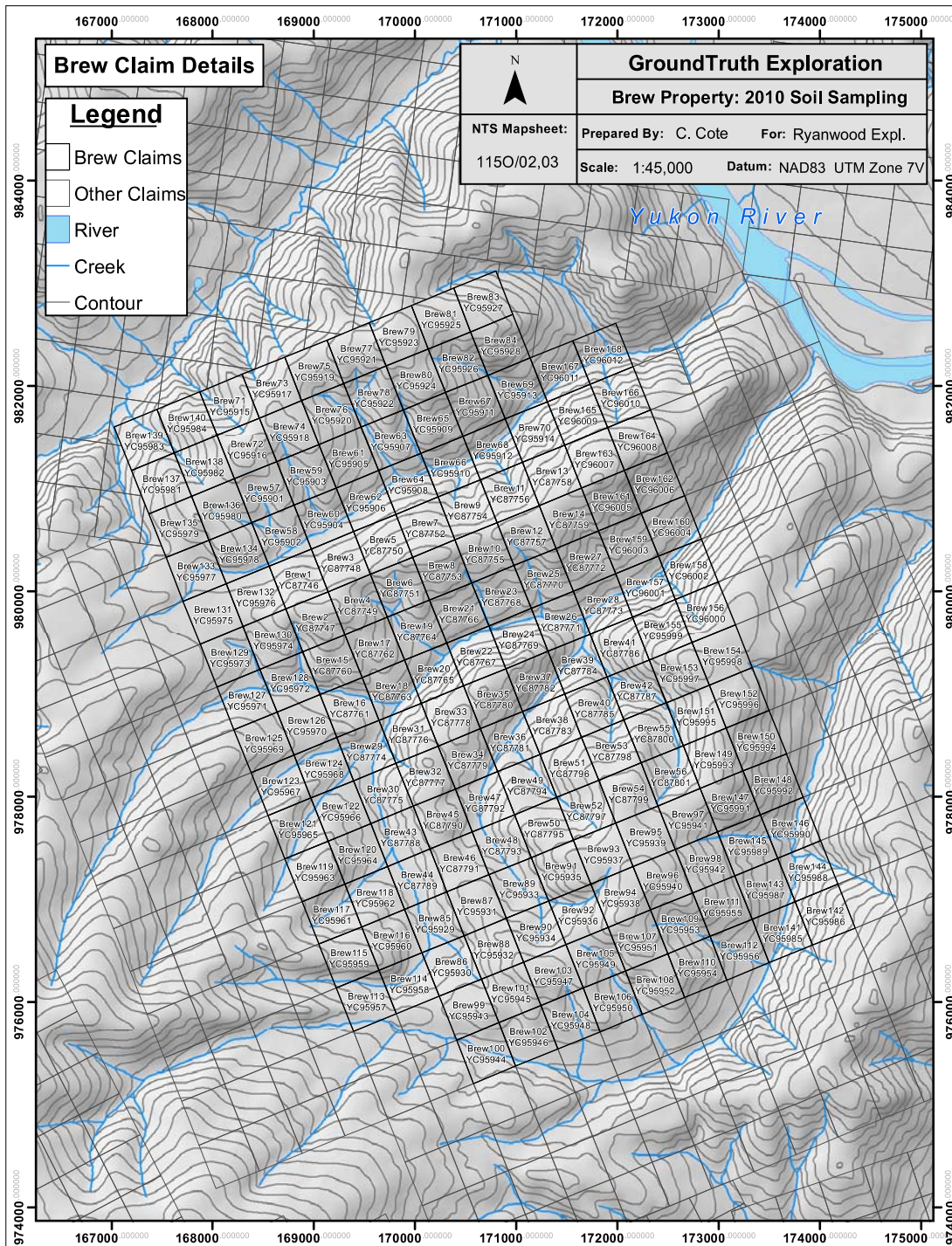


Figure 4: Gold Anomaly Map

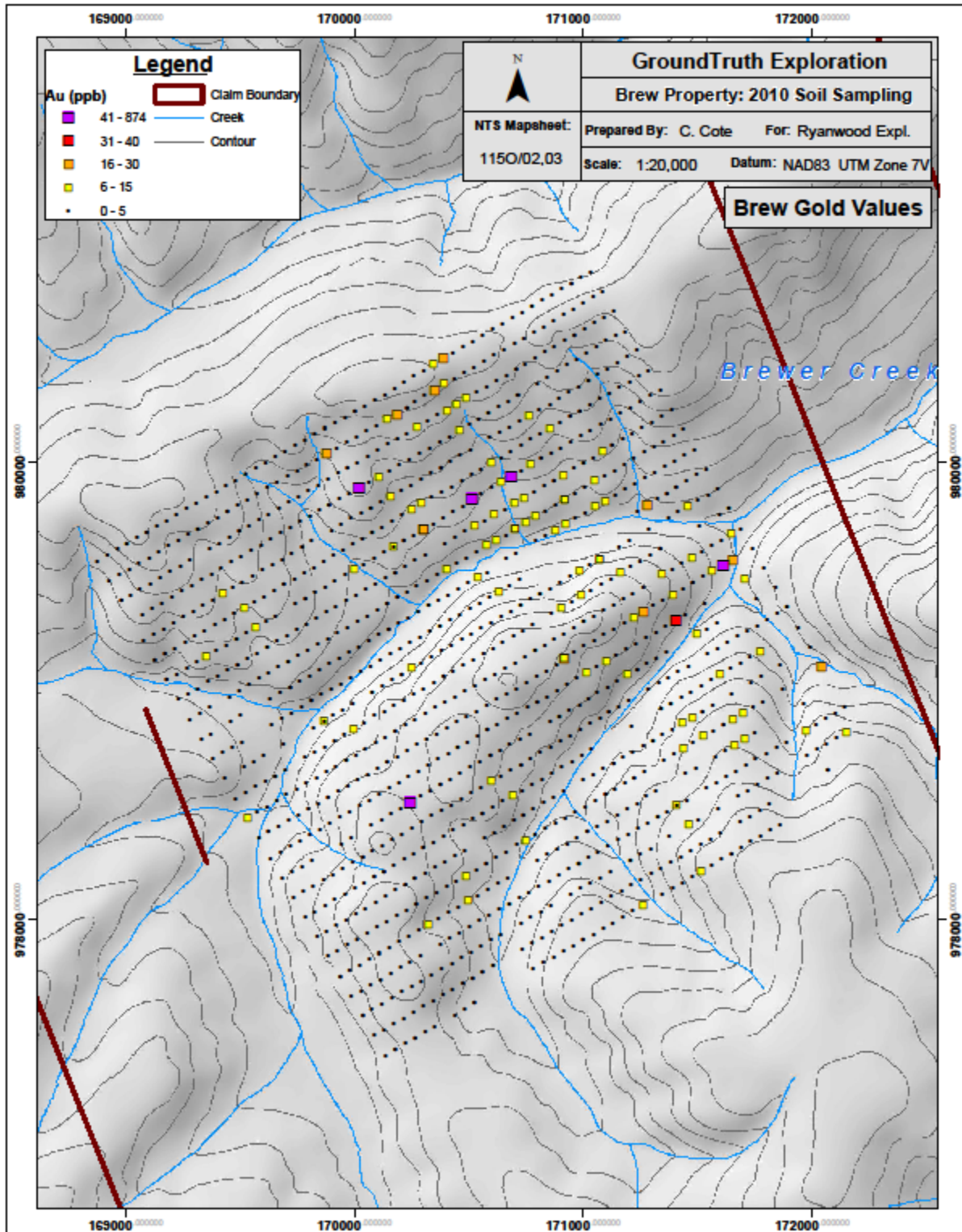


Figure 5: Arsenic Anomaly Map

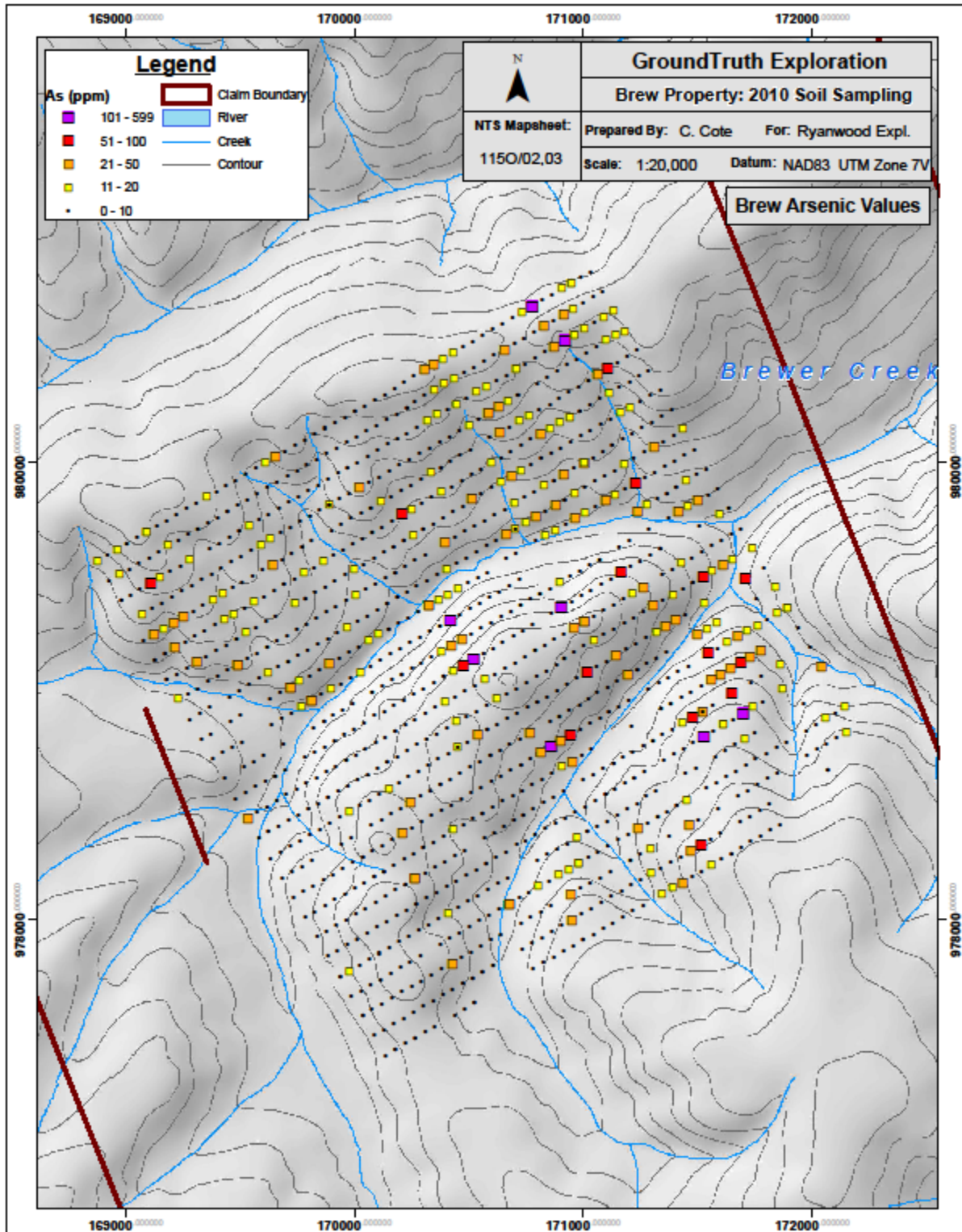
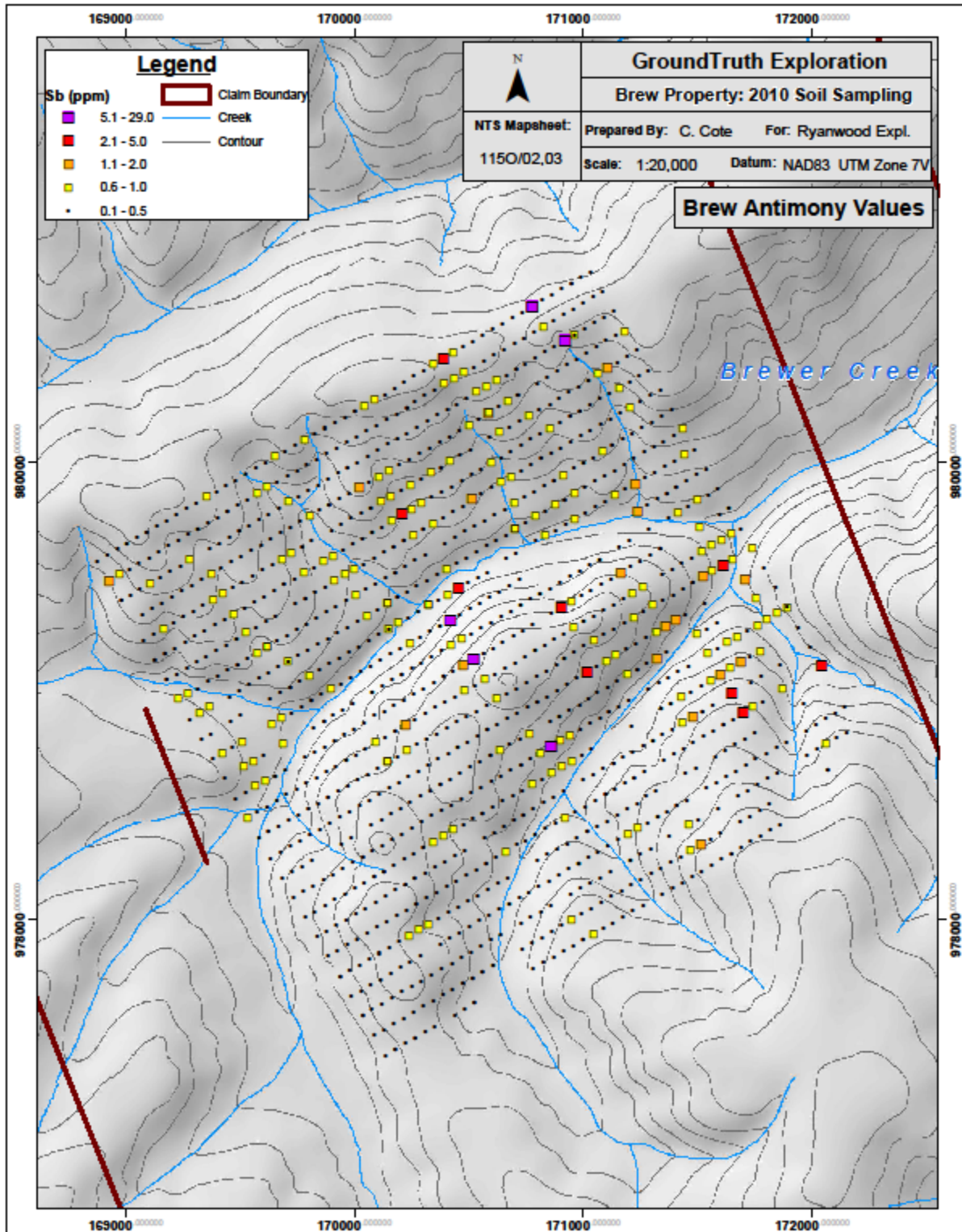


Figure 6: Antimony Anomaly Map



| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb    | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|-------|-----|------|-------|------|
| BRW100665 | Soil | 595936     | 7004526    | 07V      | 0.4 | 22.2  | 8     | 49  | 0.05 | 16.9  | 6.8  |
| BRW101171 | Soil | 596179     | 7004210    | 07V      | 0.6 | 22    | 3.1   | 53  | 0.05 | 30.9  | 15.1 |
| BRW101172 | Soil | 596216     | 7004241    | 07V      | 0.3 | 27.1  | 2.7   | 61  | 0.05 | 34.9  | 10.5 |
| BRW101176 | Soil | 596374     | 7004364    | 07V      | 0.5 | 67.8  | 3.1   | 77  | 0.05 | 25.3  | 29.6 |
| BRW101186 | Soil | 596454     | 7004426    | 07V      | 0.2 | 13.4  | 4.6   | 95  | 0.05 | 7.9   | 15.2 |
| BRW101188 | Soil | 596533     | 7004488    | 07V      | 1.2 | 81    | 5.7   | 109 | 0.1  | 92.7  | 25.2 |
| BRW101190 | Soil | 596612     | 7004551    | 07V      | 0.3 | 67.2  | 6.5   | 74  | 0.05 | 33.1  | 20.1 |
| BRW101192 | Soil | 596694     | 7004609    | 07V      | 0.4 | 89.6  | 2.7   | 56  | 0.05 | 23.8  | 20.2 |
| BRW102605 | Soil | 596458     | 7004175    | 07V      | 0.2 | 53.9  | 3.1   | 79  | 0.05 | 54    | 17.5 |
| BRW102605 | REP  | 596458     | 7004175    | 07V      | 0.2 | 53    | 2.9   | 79  | 0.05 | 52.1  | 18   |
| BRW102768 | Soil | 597932     | 7005705    | 07V      | 0.8 | 26.2  | 14.1  | 142 | 0.05 | 13.1  | 13.2 |
| BRW102769 | Soil | 597969     | 7005737    | 07V      | 0.7 | 25.1  | 4.7   | 117 | 0.05 | 17.6  | 20.5 |
| BRW102770 | Soil | 598009     | 7005765    | 07V      | 1.3 | 20.6  | 11.9  | 110 | 0.05 | 20.6  | 13.1 |
| BRW102771 | Soil | 598049     | 7005798    | 07V      | 1.5 | 25.7  | 14    | 82  | 0.05 | 38.6  | 15.6 |
| BRW102900 | Soil | 600357     | 7005442    | 07V      | 1.2 | 16.9  | 15.5  | 58  | 0.2  | 19    | 8.4  |
| BRW102900 | REP  | 600357     | 7005442    | 07V      | 1.2 | 16.8  | 15.6  | 58  | 0.2  | 17.5  | 8    |
| BRW102902 | Soil | 600279     | 7005380    | 07V      | 1.2 | 26    | 15.4  | 78  | 0.1  | 25.6  | 11.4 |
| BRW102903 | Soil | 600238     | 7005350    | 07V      | 1.4 | 18.7  | 13.4  | 65  | 0.05 | 22.2  | 9.6  |
| BRW102904 | Soil | 600198     | 7005320    | 07V      | 1.6 | 25.8  | 18.6  | 67  | 0.4  | 25.6  | 10.1 |
| BRW102997 | Soil | 600012     | 7005555    | 07V      | 0.9 | 33.8  | 9.3   | 75  | 0.05 | 34.3  | 11.2 |
| BRW102999 | Soil | 600092     | 7005618    | 07V      | 1.1 | 30.9  | 11.4  | 71  | 0.1  | 24.2  | 9.6  |
| BRW103627 | Soil | 600486     | 7005039    | 07V      | 1.6 | 21.5  | 14    | 54  | 0.2  | 21.2  | 8.4  |
| BRW103635 | Soil | 600214     | 7004817    | 07V      | 1.1 | 23.7  | 11.5  | 83  | 0.1  | 31.9  | 12.5 |
| BRW103636 | Soil | 600170     | 7004789    | 07V      | 2   | 49.7  | 16.4  | 117 | 0.3  | 43.8  | 14.6 |
| BRW103637 | Soil | 600131     | 7004760    | 07V      | 0.8 | 41.6  | 28.8  | 153 | 0.2  | 49.6  | 14.6 |
| BRW103638 | Soil | 600092     | 7004729    | 07V      | 3.2 | 38.1  | 136.5 | 50  | 0.7  | 18.6  | 5.1  |
| BRW103639 | Soil | 600051     | 7004698    | 07V      | 2.9 | 37.8  | 41.9  | 202 | 0.3  | 65.9  | 8    |
| BRW103640 | Soil | 600011     | 7004666    | 07V      | 3   | 25.5  | 18.7  | 65  | 0.2  | 16.8  | 8.9  |
| BRW103641 | Soil | 599973     | 7004636    | 07V      | 1.4 | 20.8  | 12.7  | 53  | 0.1  | 15.7  | 8.5  |
| BRW103642 | Soil | 599933     | 7004605    | 07V      | 2.3 | 48.7  | 19.8  | 68  | 0.3  | 26.2  | 11.6 |
| BRW103643 | Soil | 599895     | 7004575    | 07V      | 2.2 | 45    | 40.7  | 70  | 0.3  | 23.9  | 15.2 |
| BRW103644 | Soil | 599853     | 7004545    | 07V      | 3.4 | 37.3  | 15.9  | 87  | 0.1  | 27.5  | 10.2 |
| BRW103645 | Soil | 599816     | 7004513    | 07V      | 3.5 | 37.6  | 14.9  | 75  | 0.2  | 44.1  | 16.9 |
| BRW103646 | Soil | 599775     | 7004483    | 07V      | 3.3 | 39.6  | 13.8  | 131 | 0.05 | 51.4  | 18.6 |
| BRW104094 | Soil | 600215     | 7005459    | 07V      | 1   | 29.1  | 16.5  | 81  | 0.2  | 32.2  | 12.3 |
| BRW104097 | Soil | 600096     | 7005367    | 07V      | 1.4 | 23.6  | 14    | 83  | 0.3  | 27    | 11.4 |
| BRW104098 | Soil | 600060     | 7005337    | 07V      | 1.6 | 26.5  | 12.9  | 90  | 0.2  | 28.4  | 10.5 |
| BRW104100 | Soil | 599977     | 7005274    | 07V      | 1.2 | 28.4  | 16.3  | 61  | 0.4  | 19.1  | 9.3  |
| BRW104101 | Soil | 599938     | 7005244    | 07V      | 1.9 | 41.9  | 16    | 113 | 0.3  | 40.2  | 16   |
| BRW104102 | Soil | 599899     | 7005213    | 07V      | 1.5 | 34.6  | 14.3  | 95  | 0.3  | 30.8  | 12.3 |
| BRW104103 | Soil | 599861     | 7005182    | 07V      | 1   | 24.5  | 6.7   | 61  | 0.05 | 23.9  | 12   |
| BRW104104 | Soil | 599819     | 7005150    | 07V      | 1.3 | 28.4  | 7.5   | 63  | 0.1  | 27.4  | 15.4 |
| BRW104104 | REP  | 599819     | 7005150    | 07V      | 1.3 | 28.3  | 7.9   | 63  | 0.1  | 27.8  | 15.4 |
| BRW104105 | Soil | 599781     | 7005120    | 07V      | 1.7 | 51.3  | 21.8  | 111 | 0.2  | 51.9  | 8.9  |
| BRW104106 | Soil | 599739     | 7005088    | 07V      | 4.2 | 48.2  | 16.9  | 150 | 0.1  | 78.8  | 22.7 |
| BRW104107 | Soil | 599703     | 7005061    | 07V      | 8.3 | 150.4 | 19.8  | 128 | 0.2  | 80.3  | 24.3 |
| BRW104110 | Soil | 599582     | 7004966    | 07V      | 1.4 | 38.8  | 12.2  | 73  | 0.05 | 36.1  | 16.8 |
| BRW104111 | Soil | 599543     | 7004937    | 07V      | 2.6 | 25.6  | 6.3   | 67  | 0.05 | 134.1 | 29.5 |
| BRW104113 | Soil | 599469     | 7004876    | 07V      | 1.3 | 18.4  | 6     | 50  | 0.05 | 17    | 9.5  |
| BRW104115 | Soil | 599390     | 7004811    | 07V      | 0.5 | 21.9  | 5.3   | 57  | 0.05 | 16.1  | 9.3  |
| BRW104116 | Soil | 599351     | 7004783    | 07V      | 1.9 | 42.3  | 9.4   | 75  | 0.1  | 37.9  | 14.7 |
| BRW104117 | Soil | 599311     | 7004750    | 07V      | 2.4 | 51.8  | 11.7  | 90  | 0.2  | 48.3  | 18.3 |
| BRW104233 | Soil | 600418     | 7005364    | 07V      | 1.3 | 14.6  | 17.3  | 60  | 0.3  | 19.6  | 10.7 |
| BRW104233 | REP  | 600418     | 7005364    | 07V      | 1.5 | 15.1  | 16.1  | 61  | 0.2  | 19.1  | 10.9 |
| BRW104234 | Soil | 600379     | 7005336    | 07V      | 1.5 | 19.4  | 15.8  | 76  | 0.3  | 22.9  | 10.1 |
| BRW104235 | Soil | 600339     | 7005305    | 07V      | 1.3 | 25.6  | 23    | 91  | 0.1  | 28.1  | 11.7 |
| BRW104236 | Soil | 600299     | 7005273    | 07V      | 1.1 | 20.6  | 10.3  | 60  | 0.1  | 23.1  | 8.6  |
| BRW104237 | Soil | 600260     | 7005241    | 07V      | 1.4 | 22.8  | 30    | 70  | 0.2  | 25.1  | 9.8  |
| BRW104238 | Soil | 600221     | 7005211    | 07V      | 1   | 18.8  | 11.8  | 63  | 0.2  | 19.9  | 9.2  |
| BRW104239 | Soil | 600182     | 7005182    | 07V      | 1.7 | 25.5  | 15.7  | 74  | 0.3  | 27.7  | 11.6 |
| BRW104240 | Soil | 600141     | 7005150    | 07V      | 1.6 | 32.4  | 13.3  | 86  | 0.2  | 28.5  | 10.6 |
| BRW104241 | Soil | 600102     | 7005118    | 07V      | 1.1 | 21.2  | 9.9   | 72  | 0.1  | 23.2  | 9.4  |
| BRW104242 | Soil | 600063     | 7005086    | 07V      | 1.7 | 28.8  | 11    | 86  | 0.1  | 27.6  | 10.3 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba   |
|-----------|------|------|-------|-----|------|------|-----|------|------|------|-----|------|-------|----|-----|------|------|
| BRW100665 | 139  | 2.19 | 8.1   | 0.7 | 1.8  | 2.2  | 31  | 0.1  | 0.4  | 0.1  | 60  | 0.52 | 0.06  | 10 | 28  | 0.54 | 235  |
| BRW101171 | 477  | 3.5  | 1.4   | 0.5 | 0.25 | 3.4  | 30  | 0.05 | 0.05 | 0.05 | 117 | 0.75 | 0.042 | 11 | 68  | 1.32 | 139  |
| BRW101172 | 397  | 3.33 | 5.2   | 1.1 | 0.5  | 8.2  | 28  | 0.05 | 0.05 | 0.05 | 141 | 0.93 | 0.107 | 18 | 58  | 1.06 | 659  |
| BRW101176 | 717  | 5.72 | 19.4  | 0.9 | 0.25 | 3.1  | 22  | 0.05 | 0.1  | 0.05 | 250 | 0.93 | 0.101 | 12 | 32  | 1.21 | 379  |
| BRW101186 | 748  | 4.18 | 2.4   | 0.6 | 0.6  | 1.3  | 52  | 0.05 | 0.05 | 0.05 | 104 | 1.06 | 0.115 | 5  | 7   | 1.12 | 437  |
| BRW101188 | 627  | 4.21 | 34.8  | 0.5 | 0.5  | 2.5  | 22  | 0.4  | 0.2  | 0.05 | 132 | 1.2  | 0.223 | 11 | 97  | 1.5  | 415  |
| BRW101190 | 529  | 3.99 | 2     | 0.3 | 1.3  | 1.3  | 111 | 0.05 | 0.2  | 0.05 | 108 | 1.72 | 0.106 | 5  | 49  | 1.43 | 149  |
| BRW101192 | 417  | 3.53 | 2     | 0.2 | 0.25 | 1.3  | 46  | 0.05 | 0.1  | 0.05 | 103 | 1.1  | 0.087 | 3  | 28  | 1.63 | 155  |
| BRW102605 | 476  | 4.91 | 3.4   | 1.6 | 1.7  | 13.4 | 39  | 0.05 | 0.1  | 0.05 | 177 | 0.66 | 0.155 | 29 | 97  | 1.63 | 894  |
| BRW102605 | 475  | 4.89 | 3.6   | 1.5 | 0.5  | 13.7 | 40  | 0.05 | 0.1  | 0.05 | 180 | 0.68 | 0.159 | 31 | 97  | 1.66 | 912  |
| BRW102768 | 772  | 6.21 | 2.8   | 0.6 | 0.25 | 11.9 | 11  | 0.05 | 0.1  | 0.05 | 66  | 0.49 | 0.165 | 17 | 25  | 1.1  | 436  |
| BRW102769 | 807  | 6.75 | 2     | 0.8 | 1.1  | 7.1  | 18  | 0.05 | 0.05 | 0.05 | 107 | 0.53 | 0.096 | 22 | 59  | 1.47 | 512  |
| BRW102770 | 918  | 4.52 | 6.9   | 0.7 | 2.5  | 8    | 16  | 0.1  | 0.4  | 0.1  | 67  | 0.32 | 0.089 | 21 | 39  | 0.75 | 196  |
| BRW102771 | 609  | 4.15 | 29    | 0.7 | 1.9  | 9.2  | 18  | 0.1  | 0.5  | 0.1  | 65  | 0.28 | 0.045 | 18 | 42  | 0.57 | 228  |
| BRW102900 | 337  | 2.52 | 9.2   | 1.5 | 7.3  | 4.6  | 19  | 0.1  | 0.5  | 0.2  | 49  | 0.25 | 0.043 | 15 | 27  | 0.38 | 230  |
| BRW102900 | 337  | 2.51 | 9.1   | 1.5 | 4.3  | 4.5  | 18  | 0.05 | 0.6  | 0.2  | 47  | 0.24 | 0.041 | 15 | 25  | 0.37 | 225  |
| BRW102902 | 331  | 3.37 | 9.3   | 1.6 | 5.8  | 7.2  | 22  | 0.05 | 0.5  | 0.3  | 56  | 0.32 | 0.046 | 28 | 37  | 0.6  | 251  |
| BRW102903 | 355  | 2.88 | 8.2   | 0.9 | 1.6  | 4.4  | 19  | 0.2  | 0.5  | 0.2  | 50  | 0.24 | 0.054 | 14 | 29  | 0.44 | 260  |
| BRW102904 | 391  | 2.97 | 8.3   | 2.7 | 5.8  | 5.5  | 31  | 0.1  | 0.6  | 0.4  | 49  | 0.41 | 0.056 | 29 | 31  | 0.4  | 454  |
| BRW102997 | 408  | 3    | 8.8   | 1.1 | 8.3  | 3.6  | 37  | 0.1  | 0.6  | 0.1  | 61  | 1.01 | 0.078 | 14 | 61  | 0.92 | 259  |
| BRW102999 | 366  | 2.6  | 8.3   | 1.5 | 3.5  | 4.1  | 38  | 0.1  | 0.6  | 0.2  | 54  | 0.89 | 0.075 | 17 | 30  | 0.54 | 305  |
| BRW103627 | 402  | 2.48 | 7     | 2   | 4.1  | 3.7  | 24  | 0.2  | 0.6  | 0.4  | 45  | 0.27 | 0.068 | 15 | 28  | 0.34 | 254  |
| BRW103635 | 419  | 3.2  | 7.6   | 1.5 | 1.7  | 7.8  | 20  | 0.1  | 0.5  | 0.3  | 68  | 0.42 | 0.045 | 18 | 49  | 0.67 | 339  |
| BRW103636 | 558  | 4.43 | 7.6   | 2.5 | 4.9  | 12.8 | 34  | 0.2  | 1    | 0.2  | 73  | 0.65 | 0.107 | 35 | 49  | 0.54 | 457  |
| BRW103637 | 616  | 3.44 | 56.8  | 1.9 | 3.9  | 4.6  | 24  | 0.5  | 2.3  | 0.2  | 52  | 1.1  | 0.123 | 19 | 33  | 0.67 | 390  |
| BRW103638 | 133  | 2.22 | 231.9 | 2.4 | 12.4 | 2.1  | 29  | 0.4  | 20   | 0.3  | 40  | 0.26 | 0.066 | 13 | 31  | 0.18 | 614  |
| BRW103639 | 176  | 5.83 | 342.2 | 6.2 | 6.1  | 3.5  | 27  | 0.4  | 59.7 | 0.3  | 53  | 0.07 | 0.186 | 9  | 28  | 0.06 | 731  |
| BRW103640 | 356  | 2.51 | 153.9 | 1   | 6.8  | 4    | 21  | 0.3  | 1.7  | 0.2  | 53  | 0.16 | 0.066 | 13 | 27  | 0.29 | 338  |
| BRW103641 | 272  | 2.16 | 25.2  | 0.9 | 4.6  | 4.5  | 19  | 0.2  | 0.8  | 0.1  | 49  | 0.17 | 0.047 | 10 | 27  | 0.3  | 197  |
| BRW103642 | 469  | 2.46 | 36.4  | 1.8 | 12.3 | 5.1  | 29  | 0.2  | 1.8  | 0.2  | 55  | 0.23 | 0.051 | 15 | 31  | 0.3  | 394  |
| BRW103643 | 658  | 2.63 | 44.8  | 1.8 | 10.1 | 4.7  | 32  | 0.3  | 1.8  | 0.2  | 58  | 0.25 | 0.058 | 16 | 35  | 0.38 | 270  |
| BRW103644 | 537  | 2.73 | 16.7  | 1.5 | 6.4  | 7.1  | 27  | 0.1  | 1    | 0.1  | 58  | 0.12 | 0.081 | 22 | 27  | 0.3  | 229  |
| BRW103645 | 1127 | 3.31 | 43.9  | 0.6 | 3.1  | 2.7  | 15  | 0.2  | 1.2  | 0.2  | 72  | 0.14 | 0.047 | 9  | 38  | 0.29 | 218  |
| BRW103646 | 1428 | 4.35 | 21.4  | 1.5 | 2.9  | 14.4 | 32  | 0.1  | 0.7  | 0.1  | 80  | 0.25 | 0.036 | 24 | 51  | 0.75 | 349  |
| BRW104094 | 436  | 3.22 | 11.3  | 2.1 | 4    | 8.3  | 25  | 0.2  | 0.7  | 0.2  | 46  | 0.45 | 0.053 | 32 | 38  | 0.56 | 255  |
| BRW104097 | 391  | 2.85 | 5.9   | 1.5 | 11.7 | 6.8  | 21  | 0.2  | 0.5  | 0.3  | 47  | 0.29 | 0.066 | 20 | 31  | 0.37 | 210  |
| BRW104098 | 318  | 3.17 | 5.9   | 1.6 | 9    | 7.1  | 20  | 0.1  | 0.5  | 0.4  | 48  | 0.25 | 0.073 | 21 | 29  | 0.34 | 163  |
| BRW104100 | 500  | 2.18 | 5.3   | 3.9 | 5.9  | 4.3  | 45  | 0.2  | 0.4  | 0.4  | 37  | 1.11 | 0.063 | 25 | 21  | 0.32 | 291  |
| BRW104101 | 519  | 3.99 | 7.1   | 2.4 | 3.9  | 11.2 | 23  | 0.2  | 0.9  | 0.5  | 62  | 0.46 | 0.091 | 26 | 46  | 0.65 | 296  |
| BRW104102 | 468  | 3.31 | 11.4  | 2.1 | 3.8  | 6.5  | 28  | 0.2  | 0.7  | 0.4  | 48  | 0.51 | 0.079 | 20 | 30  | 0.39 | 422  |
| BRW104103 | 421  | 2.56 | 8.1   | 1   | 2.8  | 3.7  | 43  | 0.1  | 0.4  | 0.05 | 57  | 0.83 | 0.084 | 13 | 38  | 0.72 | 200  |
| BRW104104 | 1095 | 2.6  | 10    | 1.3 | 3.5  | 3    | 46  | 0.3  | 0.7  | 0.1  | 53  | 0.99 | 0.065 | 12 | 35  | 0.58 | 297  |
| BRW104104 | 1047 | 2.6  | 10.3  | 1.3 | 1.8  | 2.9  | 46  | 0.3  | 0.7  | 0.1  | 50  | 0.97 | 0.066 | 12 | 34  | 0.6  | 302  |
| BRW104105 | 307  | 2.86 | 206.1 | 1.1 | 5.1  | 2.4  | 49  | 0.6  | 9.2  | 0.2  | 44  | 2.33 | 0.055 | 11 | 30  | 0.34 | 266  |
| BRW104106 | 542  | 6.03 | 109.5 | 1.9 | 3.8  | 9.2  | 32  | 0.3  | 2.9  | 0.2  | 74  | 0.6  | 0.031 | 21 | 65  | 0.67 | 390  |
| BRW104107 | 461  | 5.89 | 148.4 | 2.8 | 5.6  | 16.7 | 43  | 0.3  | 6.2  | 0.2  | 81  | 0.18 | 0.059 | 38 | 50  | 0.22 | 404  |
| BRW104110 | 549  | 4.58 | 14.1  | 1.5 | 3.3  | 20.5 | 22  | 0.05 | 0.3  | 0.1  | 75  | 0.57 | 0.043 | 49 | 120 | 1.42 | 177  |
| BRW104111 | 452  | 4.09 | 7.8   | 0.9 | 3    | 5    | 48  | 0.05 | 0.2  | 0.05 | 121 | 1.05 | 0.034 | 29 | 680 | 3.64 | 1068 |
| BRW104113 | 399  | 2.32 | 6.1   | 1   | 1.6  | 3.1  | 49  | 0.05 | 0.3  | 0.05 | 51  | 1.41 | 0.085 | 11 | 28  | 0.64 | 202  |
| BRW104115 | 234  | 2.11 | 3.4   | 1.2 | 2.3  | 2.8  | 78  | 0.2  | 0.3  | 0.05 | 46  | 1.31 | 0.075 | 11 | 23  | 0.68 | 166  |
| BRW104116 | 561  | 3.37 | 12.1  | 1.6 | 11.6 | 8.5  | 50  | 0.2  | 0.5  | 0.05 | 69  | 1.33 | 0.068 | 26 | 51  | 0.92 | 424  |
| BRW104117 | 463  | 4.02 | 12.9  | 1.4 | 8.8  | 15.3 | 47  | 0.2  | 0.6  | 0.1  | 77  | 1.12 | 0.063 | 48 | 60  | 1.05 | 514  |
| BRW104233 | 527  | 2.77 | 15.1  | 0.9 | 3.1  | 4.1  | 20  | 0.1  | 0.7  | 0.2  | 52  | 0.28 | 0.061 | 14 | 28  | 0.4  | 203  |
| BRW104233 | 522  | 2.73 | 14.9  | 0.9 | 3.1  | 3.9  | 20  | 0.05 | 0.7  | 0.2  | 52  | 0.28 | 0.061 | 13 | 29  | 0.4  | 197  |
| BRW104234 | 444  | 3.26 | 12.3  | 1.2 | 1.2  | 4.9  | 21  | 0.05 | 0.5  | 0.4  | 64  | 0.33 | 0.072 | 14 | 38  | 0.58 | 227  |
| BRW104235 | 429  | 3.44 | 12.8  | 1.8 | 3.7  | 9.3  | 23  | 0.1  | 0.7  | 0.3  | 46  | 0.26 | 0.045 | 24 | 31  | 0.47 | 211  |
| BRW104236 | 229  | 2.79 | 6.6   | 1.4 | 4.8  | 5.6  | 20  | 0.05 | 0.6  | 0.3  | 51  | 0.25 | 0.032 | 16 | 32  | 0.45 | 191  |
| BRW104237 | 306  | 2.93 | 9     | 2.2 | 7.6  | 6.4  | 25  | 0.05 | 0.8  | 0.2  | 42  | 0.28 | 0.047 | 22 | 28  | 0.34 | 315  |
| BRW104238 | 311  | 2.77 | 8.8   | 1.9 | 3.6  | 6.1  | 24  | 0.1  | 0.6  | 0.3  | 53  | 0.29 | 0.039 | 18 | 31  | 0.41 | 255  |
| BRW104239 | 534  | 2.9  | 7.1   | 2.5 | 26.7 | 4.7  | 33  | 0.2  | 0.5  | 0.4  | 47  | 0.35 | 0.062 | 18 | 31  | 0.36 | 352  |
| BRW104240 | 393  | 3.45 | 7.6   | 2.2 | 5.1  | 7.5  | 27  | 0.2  | 0.7  | 0.3  | 46  | 0.25 | 0.064 | 24 | 27  | 0.31 | 240  |
| BRW104241 | 348  | 2.95 | 6.3   | 1.7 | 5.6  | 6.7  | 25  | 0.05 | 0.5  | 0.2  | 50  | 0.31 | 0.058 | 20 | 30  | 0.4  | 222  |
| BRW104242 | 474  | 3.46 | 8.1   | 1.8 | 3.7  | 7.9  | 29  | 0.1  | 0.8  | 0.3  | 49  | 0.37 | 0.071 | 22 | 30  | 0.46 | 326  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Tl   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW100665 | 0.074 | 1   | 1.58 | 0.022 | 0.05 | 0.1  | 0.03  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW101171 | 0.029 | 0.5 | 2.2  | 0.013 | 0.08 | 0.05 | 0.005 | 8.3  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |
| BRW101172 | 0.192 | 0.5 | 2.22 | 0.012 | 0.45 | 0.05 | 0.005 | 7.1  | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |
| BRW101176 | 0.148 | 0.5 | 2.34 | 0.071 | 0.4  | 0.05 | 0.005 | 11.2 | 0.2  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000120 |
| BRW101186 | 0.181 | 0.5 | 2.29 | 0.019 | 0.28 | 0.05 | 0.005 | 4.8  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW101188 | 0.095 | 1   | 2.41 | 0.053 | 0.2  | 0.05 | 0.02  | 9.7  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW101190 | 0.174 | 1   | 3.32 | 0.057 | 0.11 | 0.05 | 0.01  | 8.4  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW101192 | 0.169 | 0.5 | 2.67 | 0.062 | 0.06 | 0.05 | 0.005 | 5    | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000120 |
| BRW102605 | 0.231 | 0.5 | 2.65 | 0.019 | 0.92 | 0.1  | 0.005 | 11   | 0.2  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000120 |
| BRW102605 | 0.235 | 0.5 | 2.7  | 0.02  | 0.94 | 0.1  | 0.005 | 11.1 | 0.3  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000120 |
| BRW102768 | 0.357 | 0.5 | 3.03 | 0.01  | 1.66 | 0.1  | 0.01  | 12   | 0.6  | 0.025 | 14 | 0.25 | 1DX15  | WHI10000120 |
| BRW102769 | 0.206 | 0.5 | 2.88 | 0.01  | 1.49 | 0.05 | 0.01  | 18.3 | 0.4  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000120 |
| BRW102770 | 0.15  | 0.5 | 2.41 | 0.009 | 0.57 | 0.1  | 0.005 | 7.6  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW102771 | 0.09  | 1   | 1.83 | 0.011 | 0.18 | 0.1  | 0.02  | 4.6  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW102900 | 0.054 | 1   | 1.31 | 0.011 | 0.13 | 0.1  | 0.03  | 3.1  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW102900 | 0.05  | 0.5 | 1.23 | 0.008 | 0.13 | 0.05 | 0.03  | 3.1  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW102902 | 0.097 | 0.5 | 1.89 | 0.013 | 0.2  | 0.1  | 0.03  | 3.8  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000120 |
| BRW102903 | 0.07  | 1   | 1.34 | 0.01  | 0.15 | 0.1  | 0.01  | 2.8  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW102904 | 0.057 | 2   | 1.8  | 0.017 | 0.19 | 0.1  | 0.07  | 4.4  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW102997 | 0.085 | 2   | 1.68 | 0.019 | 0.46 | 0.1  | 0.04  | 5.8  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW102999 | 0.069 | 3   | 1.29 | 0.018 | 0.22 | 0.2  | 0.05  | 3.8  | 0.1  | 0.06  | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW103627 | 0.032 | 2   | 1.31 | 0.01  | 0.1  | 0.1  | 0.02  | 3.4  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000120 |
| BRW103635 | 0.128 | 1   | 1.81 | 0.013 | 0.45 | 0.05 | 0.03  | 4.4  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW103636 | 0.091 | 5   | 1.59 | 0.01  | 0.64 | 0.05 | 0.05  | 6.8  | 0.4  | 0.025 | 6  | 1.7  | 1DX15  | WHI10000120 |
| BRW103637 | 0.055 | 3   | 1.26 | 0.012 | 0.26 | 0.1  | 0.19  | 6.2  | 0.4  | 0.025 | 5  | 1    | 1DX15  | WHI10000120 |
| BRW103638 | 0.017 | 2   | 1.08 | 0.008 | 0.09 | 0.2  | 1.17  | 3.4  | 0.2  | 0.025 | 4  | 1.6  | 1DX15  | WHI10000120 |
| BRW103639 | 0.008 | 1   | 0.69 | 0.002 | 0.04 | 0.4  | 8.33  | 4.3  | 0.3  | 0.025 | 2  | 1.7  | 1DX15  | WHI10000120 |
| BRW103640 | 0.045 | 1   | 1.36 | 0.009 | 0.08 | 0.3  | 0.04  | 2.5  | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000120 |
| BRW103641 | 0.06  | 1   | 1.33 | 0.011 | 0.09 | 0.1  | 0.02  | 2.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW103642 | 0.045 | 2   | 1.47 | 0.01  | 0.11 | 0.05 | 0.05  | 3.6  | 0.2  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000120 |
| BRW103643 | 0.055 | 1   | 1.47 | 0.01  | 0.1  | 0.1  | 0.07  | 4.8  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW103644 | 0.029 | 2   | 1.02 | 0.005 | 0.18 | 0.05 | 0.02  | 3.1  | 0.2  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000120 |
| BRW103645 | 0.035 | 0.5 | 1.81 | 0.013 | 0.08 | 0.1  | 0.03  | 3.1  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW103646 | 0.122 | 2   | 2.11 | 0.013 | 0.53 | 0.05 | 0.03  | 7.8  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000120 |
| BRW104094 | 0.082 | 2   | 1.46 | 0.014 | 0.31 | 0.1  | 0.05  | 3.9  | 0.2  | 0.06  | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW104097 | 0.057 | 2   | 1.17 | 0.012 | 0.2  | 0.1  | 0.05  | 3.4  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW104098 | 0.05  | 2   | 1.19 | 0.009 | 0.2  | 0.1  | 0.03  | 3.3  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW104100 | 0.036 | 3   | 0.94 | 0.015 | 0.2  | 0.05 | 0.11  | 3    | 0.2  | 0.06  | 3  | 0.7  | 1DX15  | WHI10000120 |
| BRW104101 | 0.105 | 2   | 1.65 | 0.014 | 0.5  | 0.05 | 0.07  | 4.4  | 0.4  | 0.025 | 5  | 1.1  | 1DX15  | WHI10000120 |
| BRW104102 | 0.053 | 2   | 1.19 | 0.009 | 0.26 | 0.05 | 0.11  | 4.5  | 0.3  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000120 |
| BRW104103 | 0.105 | 2   | 1.39 | 0.036 | 0.11 | 0.2  | 0.03  | 4.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW104104 | 0.08  | 3   | 1.35 | 0.036 | 0.12 | 0.2  | 0.04  | 3.9  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000120 |
| BRW104104 | 0.076 | 3   | 1.29 | 0.033 | 0.12 | 0.2  | 0.03  | 3.9  | 0.05 | 0.05  | 4  | 0.6  | 1DX15  | WHI10000120 |
| BRW104105 | 0.014 | 10  | 0.9  | 0.013 | 0.09 | 0.3  | 0.22  | 5.5  | 0.05 | 0.025 | 3  | 1.2  | 1DX15  | WHI10000120 |
| BRW104106 | 0.073 | 2   | 1.84 | 0.012 | 0.34 | 0.1  | 0.03  | 6.6  | 0.2  | 0.025 | 6  | 1.6  | 1DX15  | WHI10000120 |
| BRW104107 | 0.011 | 3   | 0.89 | 0.003 | 0.16 | 0.2  | 0.05  | 10.5 | 0.2  | 0.025 | 5  | 1.8  | 1DX15  | WHI10000120 |
| BRW104110 | 0.121 | 2   | 2.82 | 0.01  | 0.6  | 0.1  | 0.01  | 9.1  | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000120 |
| BRW104111 | 0.148 | 2   | 3.09 | 0.013 | 1.11 | 0.05 | 0.02  | 10.6 | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW104113 | 0.074 | 2   | 1.14 | 0.025 | 0.15 | 0.2  | 0.03  | 3.4  | 0.05 | 0.11  | 4  | 0.6  | 1DX15  | WHI10000120 |
| BRW104115 | 0.085 | 5   | 1.17 | 0.027 | 0.13 | 0.2  | 0.05  | 3.8  | 0.05 | 0.06  | 4  | 1.5  | 1DX15  | WHI10000120 |
| BRW104116 | 0.113 | 2   | 1.59 | 0.027 | 0.4  | 0.2  | 0.03  | 5.9  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW104117 | 0.127 | 3   | 1.74 | 0.019 | 0.56 | 0.1  | 0.04  | 7.9  | 0.3  | 0.08  | 6  | 0.5  | 1DX15  | WHI10000120 |
| BRW104233 | 0.054 | 1   | 1.42 | 0.01  | 0.11 | 0.2  | 0.03  | 2.8  | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000120 |
| BRW104233 | 0.055 | 0.5 | 1.42 | 0.01  | 0.11 | 0.2  | 0.02  | 2.8  | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000120 |
| BRW104234 | 0.119 | 2   | 1.68 | 0.013 | 0.43 | 0.1  | 0.005 | 4    | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW104235 | 0.081 | 0.5 | 1.44 | 0.01  | 0.21 | 0.2  | 0.03  | 4    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW104236 | 0.074 | 1   | 1.41 | 0.011 | 0.13 | 0.05 | 0.03  | 3.2  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000120 |
| BRW104237 | 0.052 | 1   | 1.26 | 0.011 | 0.13 | 0.1  | 0.06  | 3.8  | 0.1  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000120 |
| BRW104238 | 0.075 | 2   | 1.48 | 0.014 | 0.12 | 0.2  | 0.06  | 3.9  | 0.1  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000120 |
| BRW104239 | 0.042 | 1   | 1.49 | 0.012 | 0.15 | 0.1  | 0.06  | 4    | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW104240 | 0.039 | 1   | 1.2  | 0.01  | 0.13 | 0.1  | 0.02  | 4.8  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000120 |
| BRW104241 | 0.069 | 2   | 1.34 | 0.014 | 0.14 | 0.1  | 0.03  | 4    | 0.1  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000120 |
| BRW104242 | 0.071 | 3   | 1.42 | 0.013 | 0.25 | 0.1  | 0.03  | 4.9  | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000120 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|-------|------|
| BRW104243 | Soil | 600024     | 7005057    | 07V      | 2.2 | 42.8 | 15.9 | 120 | 0.5  | 46.8  | 13.5 |
| BRW104244 | Soil | 599985     | 7005026    | 07V      | 1.5 | 47   | 15.2 | 101 | 0.1  | 42.5  | 14.2 |
| BRW104245 | Soil | 599946     | 7004995    | 07V      | 1.8 | 30.9 | 16.9 | 80  | 0.1  | 35    | 12.5 |
| BRW104246 | Soil | 599906     | 7004968    | 07V      | 2.7 | 64.7 | 24.2 | 74  | 0.5  | 39.1  | 20.4 |
| BRW104246 | REP  | 599906     | 7004968    | 07V      | 2.7 | 65.8 | 25.5 | 74  | 0.5  | 38.5  | 20.5 |
| BRW104247 | Soil | 599866     | 7004935    | 07V      | 0.8 | 31.1 | 14   | 97  | 0.1  | 18.8  | 24.7 |
| BRW104248 | Soil | 599825     | 7004903    | 07V      | 2.2 | 29.7 | 17.5 | 119 | 0.1  | 38.1  | 19.3 |
| BRW104249 | Soil | 599786     | 7004873    | 07V      | 3.7 | 25.7 | 26.9 | 290 | 0.3  | 55    | 23.4 |
| BRW104249 | REP  | 599786     | 7004873    | 07V      | 3.4 | 25.8 | 26.4 | 296 | 0.3  | 55.8  | 24   |
| BRW104250 | Soil | 599748     | 7004842    | 07V      | 3.2 | 26.6 | 20.1 | 139 | 0.4  | 45.4  | 9.5  |
| BRW104251 | Soil | 599709     | 7004811    | 07V      | 3   | 48.9 | 12.2 | 97  | 0.1  | 31.2  | 13.7 |
| BRW104252 | Soil | 599669     | 7004779    | 07V      | 5.4 | 67.7 | 15.1 | 96  | 0.3  | 36.4  | 15.4 |
| BRW104253 | Soil | 599629     | 7004748    | 07V      | 7.7 | 42.1 | 11.5 | 87  | 0.1  | 38.2  | 16.4 |
| BRW104254 | Soil | 599590     | 7004719    | 07V      | 1.1 | 47.5 | 9.9  | 64  | 0.05 | 104.4 | 22.3 |
| BRW104255 | Soil | 599552     | 7004687    | 07V      | 1   | 19.2 | 7    | 98  | 0.05 | 14.3  | 19.1 |
| BRW104256 | Soil | 599511     | 7004656    | 07V      | 1   | 20.1 | 8.1  | 70  | 0.05 | 18.1  | 11.9 |
| BRW104262 | Soil | 599315     | 7004500    | 07V      | 1.9 | 32.4 | 10.5 | 85  | 0.1  | 33    | 15.7 |
| BRW108079 | Soil | 599926     | 7004853    | 07V      | 1.1 | 18.4 | 10.2 | 87  | 0.05 | 12.5  | 11   |
| BRW108079 | REP  | 599926     | 7004853    | 07V      | 1   | 18.2 | 10.2 | 88  | 0.05 | 11.9  | 11.2 |
| BRW108080 | Soil | 599885     | 7004824    | 07V      | 1.5 | 15.2 | 12.2 | 49  | 0.1  | 13.3  | 6    |
| BRW108081 | Soil | 599847     | 7004793    | 07V      | 1.2 | 13.8 | 6.3  | 24  | 0.05 | 8.2   | 2.6  |
| BRW108082 | Soil | 599808     | 7004762    | 07V      | 3.6 | 60.9 | 21.2 | 148 | 0.2  | 46.9  | 19.1 |
| BRW108082 | REP  | 599808     | 7004762    | 07V      | 3.6 | 60   | 21.2 | 149 | 0.2  | 47.4  | 19.7 |
| BRW108083 | Soil | 599768     | 7004730    | 07V      | 1.7 | 24.8 | 8.2  | 82  | 0.1  | 26.6  | 10.6 |
| BRW108084 | Soil | 599728     | 7004699    | 07V      | 4   | 88.8 | 13.1 | 152 | 0.4  | 70    | 18.8 |
| BRW108085 | Soil | 599693     | 7004671    | 07V      | 2.3 | 18.7 | 12.3 | 76  | 0.05 | 23    | 12.2 |
| BRW108086 | Soil | 599652     | 7004640    | 07V      | 2.1 | 19   | 9.5  | 77  | 0.05 | 18    | 10.6 |
| BRW108304 | Soil | 600233     | 7005600    | 07V      | 1.5 | 25.4 | 12.6 | 106 | 0.05 | 29.9  | 12.7 |
| BRW108305 | Soil | 600195     | 7005576    | 07V      | 1.6 | 30.1 | 15.6 | 99  | 0.3  | 31.8  | 11.7 |
| BRW108306 | Soil | 600153     | 7005542    | 07V      | 2.8 | 41.4 | 22.5 | 96  | 0.1  | 40.1  | 13.8 |
| BRW108307 | Soil | 600117     | 7005509    | 07V      | 1.1 | 23.8 | 8.6  | 41  | 0.3  | 17.7  | 7.4  |
| BRW108315 | Soil | 599762     | 7005230    | 07V      | 2.8 | 37.8 | 12.5 | 95  | 0.2  | 39.8  | 12.9 |
| BRW108316 | Soil | 599723     | 7005200    | 07V      | 0.9 | 29.1 | 7.4  | 61  | 0.05 | 26.3  | 10.6 |
| BRW108317 | Soil | 599683     | 7005169    | 07V      | 0.9 | 26.4 | 8.6  | 49  | 0.1  | 21.4  | 9.7  |
| BRW108318 | Soil | 599644     | 7005138    | 07V      | 1.1 | 35.1 | 10.4 | 70  | 0.1  | 33.3  | 11.5 |
| BRW108319 | Soil | 599603     | 7005106    | 07V      | 1.1 | 21.9 | 9.9  | 52  | 0.05 | 25    | 10.4 |
| BRW108320 | Soil | 599565     | 7005076    | 07V      | 0.8 | 25.8 | 8.4  | 56  | 0.05 | 26.3  | 11   |
| BRW108323 | Soil | 599445     | 7004986    | 07V      | 1.5 | 26.5 | 7.7  | 54  | 0.05 | 22.8  | 9.2  |
| BRW108334 | Soil | 600647     | 7004910    | 07V      | 1.1 | 51.6 | 18.1 | 118 | 0.05 | 51.3  | 17.3 |
| BRW108335 | Soil | 600606     | 7004877    | 07V      | 1.3 | 22.7 | 11.7 | 64  | 0.05 | 21.8  | 10.6 |
| BRW108336 | Soil | 600565     | 7004848    | 07V      | 1.1 | 34.4 | 10.8 | 80  | 0.2  | 29.9  | 9.8  |
| BRW108337 | Soil | 600528     | 7004816    | 07V      | 1.1 | 28.6 | 11.4 | 56  | 0.1  | 27.2  | 11.9 |
| BRW108338 | Soil | 600486     | 7004786    | 07V      | 1.3 | 39.4 | 13.8 | 146 | 0.05 | 46.5  | 15.4 |
| BRW108339 | Soil | 600450     | 7004754    | 07V      | 1.2 | 27   | 9.6  | 57  | 0.05 | 31.2  | 11.3 |
| BRW108339 | REP  | 600450     | 7004754    | 07V      | 1.2 | 27.1 | 9.8  | 59  | 0.05 | 30.4  | 11.5 |
| BRW108340 | Soil | 600407     | 7004724    | 07V      | 1.9 | 39.7 | 12.5 | 89  | 0.1  | 34.8  | 10.9 |
| BRW108341 | Soil | 600682     | 7004941    | 07V      | 0.7 | 78.3 | 52.7 | 238 | 0.05 | 33.8  | 16.6 |
| BRW108342 | Soil | 600725     | 7004971    | 07V      | 1.1 | 19.1 | 60.1 | 91  | 0.2  | 17.1  | 9.8  |
| BRW108343 | Soil | 600369     | 7004692    | 07V      | 1.6 | 31.8 | 15.2 | 102 | 0.1  | 38.3  | 14.2 |
| BRW108344 | Soil | 600329     | 7004663    | 07V      | 1.3 | 57.3 | 11.2 | 95  | 0.05 | 52.8  | 17.9 |
| BRW108345 | Soil | 600291     | 7004631    | 07V      | 1.7 | 40.6 | 20   | 140 | 0.1  | 39.2  | 13.3 |
| BRW108349 | Soil | 600132     | 7004507    | 07V      | 1.4 | 25.2 | 11.2 | 48  | 0.1  | 15    | 7.4  |
| BRW108349 | REP  | 600132     | 7004507    | 07V      | 1.4 | 24   | 10.7 | 50  | 0.05 | 15.9  | 7.1  |
| BRW108350 | Soil | 600093     | 7004475    | 07V      | 1.4 | 28.2 | 15.1 | 52  | 0.1  | 18    | 9.5  |
| BRW108351 | Soil | 600054     | 7004446    | 07V      | 1.3 | 39   | 18.3 | 59  | 0.05 | 22    | 9.9  |
| BRW108352 | Soil | 600016     | 7004415    | 07V      | 2   | 41   | 57.1 | 47  | 0.2  | 18.8  | 8.6  |
| BRW108353 | Soil | 599976     | 7004383    | 07V      | 2.9 | 60.2 | 20.5 | 68  | 0.05 | 26.7  | 9.8  |
| BRW108354 | Soil | 599935     | 7004354    | 07V      | 2.6 | 55.4 | 10.5 | 77  | 0.2  | 39.8  | 12.1 |
| BRW108355 | Soil | 599898     | 7004326    | 07V      | 2.2 | 33.3 | 8    | 54  | 0.05 | 21.6  | 9.3  |
| BRW108356 | Soil | 599858     | 7004296    | 07V      | 1.4 | 41.3 | 13   | 47  | 0.1  | 24.4  | 8.9  |
| BRW108357 | Soil | 599815     | 7004263    | 07V      | 0.6 | 14.8 | 4.9  | 55  | 0.05 | 15.1  | 17.2 |
| BRW108358 | Soil | 599780     | 7004231    | 07V      | 1   | 23   | 8.4  | 77  | 0.05 | 20.6  | 11.9 |
| BRW108359 | Soil | 599740     | 7004201    | 07V      | 1.7 | 36.9 | 11.4 | 99  | 0.1  | 25.9  | 12.3 |

| SampleID  | Mn   | Fe   | As    | U   | Au    | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|-------|------|----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW104243 | 536  | 4.09 | 23.8  | 2.7 | 14.4  | 13.2 | 24 | 0.2  | 0.5  | 0.4  | 71  | 0.58 | 0.079 | 55 | 65  | 0.73 | 643 |
| BRW104244 | 477  | 3.88 | 11    | 2.4 | 5.8   | 12.8 | 26 | 0.1  | 0.7  | 0.3  | 62  | 0.73 | 0.078 | 36 | 43  | 0.6  | 352 |
| BRW104245 | 382  | 3.61 | 11.6  | 1.6 | 14.5  | 9.3  | 23 | 0.2  | 0.8  | 0.2  | 69  | 0.46 | 0.028 | 26 | 42  | 0.5  | 253 |
| BRW104246 | 588  | 3.7  | 54.7  | 2.1 | 13.3  | 3.6  | 26 | 0.3  | 3.3  | 0.5  | 42  | 0.18 | 0.094 | 10 | 26  | 0.31 | 176 |
| BRW104246 | 607  | 3.69 | 55.8  | 2.1 | 13.8  | 3.8  | 28 | 0.2  | 3.2  | 0.5  | 42  | 0.19 | 0.092 | 11 | 30  | 0.31 | 177 |
| BRW104247 | 735  | 5.27 | 6.6   | 1.2 | 1.3   | 5.5  | 15 | 0.05 | 0.7  | 0.2  | 108 | 0.71 | 0.064 | 22 | 51  | 1.87 | 306 |
| BRW104248 | 640  | 4.01 | 98.6  | 1.4 | 2     | 5.6  | 21 | 0.4  | 2.8  | 0.2  | 43  | 0.08 | 0.04  | 16 | 25  | 0.15 | 148 |
| BRW104249 | 1137 | 3.79 | 305.7 | 4.9 | 6.2   | 6.5  | 24 | 2.4  | 9.5  | 0.5  | 49  | 0.47 | 0.1   | 19 | 40  | 0.15 | 275 |
| BRW104249 | 1139 | 3.84 | 304.8 | 4.6 | 4.1   | 6.6  | 24 | 2.7  | 9.5  | 0.5  | 46  | 0.47 | 0.098 | 19 | 38  | 0.15 | 285 |
| BRW104250 | 220  | 4.55 | 556.1 | 3.2 | 6.1   | 2.9  | 21 | 0.7  | 30.5 | 0.3  | 44  | 0.12 | 0.078 | 13 | 28  | 0.19 | 252 |
| BRW104251 | 420  | 3.86 | 20.1  | 0.9 | 3.5   | 7.8  | 17 | 0.3  | 1.1  | 0.1  | 80  | 0.16 | 0.059 | 20 | 37  | 0.56 | 174 |
| BRW104252 | 903  | 4.09 | 62.8  | 1.7 | 4.3   | 6.2  | 32 | 0.1  | 2.4  | 0.2  | 62  | 0.15 | 0.107 | 17 | 36  | 0.32 | 262 |
| BRW104253 | 1417 | 2.82 | 27    | 1   | 16.6  | 5.2  | 37 | 0.2  | 1    | 0.05 | 46  | 0.18 | 0.072 | 18 | 26  | 0.17 | 231 |
| BRW104254 | 324  | 3    | 4.9   | 0.9 | 3.4   | 5.9  | 20 | 0.1  | 0.2  | 0.1  | 97  | 0.63 | 0.077 | 23 | 298 | 2.13 | 349 |
| BRW104255 | 687  | 5.58 | 4.5   | 0.6 | 3.7   | 4.9  | 21 | 0.05 | 0.2  | 0.05 | 117 | 0.58 | 0.142 | 24 | 25  | 1.37 | 233 |
| BRW104256 | 427  | 3.47 | 7.7   | 0.9 | 1.5   | 6.7  | 25 | 0.05 | 0.4  | 0.1  | 68  | 0.5  | 0.079 | 24 | 36  | 0.76 | 212 |
| BRW104262 | 375  | 4    | 8.8   | 0.6 | 0.7   | 7.9  | 20 | 0.05 | 0.4  | 0.1  | 102 | 0.29 | 0.035 | 20 | 71  | 1.09 | 317 |
| BRW108079 | 481  | 5.3  | 9     | 1.3 | 2.5   | 8.3  | 11 | 0.05 | 1.5  | 0.2  | 32  | 0.32 | 0.098 | 29 | 14  | 0.49 | 293 |
| BRW108079 | 481  | 5.17 | 9     | 1.3 | 1.9   | 8.4  | 11 | 0.05 | 1.3  | 0.2  | 31  | 0.3  | 0.097 | 29 | 15  | 0.5  | 286 |
| BRW108080 | 201  | 2.42 | 114.5 | 0.6 | 2.4   | 2.6  | 15 | 0.2  | 2    | 0.2  | 53  | 0.15 | 0.061 | 10 | 23  | 0.3  | 223 |
| BRW108081 | 52   | 2.66 | 474.7 | 1.1 | 2     | 2.6  | 15 | 0.05 | 5.4  | 0.1  | 26  | 0.05 | 0.028 | 8  | 16  | 0.08 | 113 |
| BRW108082 | 754  | 3.96 | 51.1  | 1.9 | 10.1  | 10.1 | 24 | 0.2  | 2    | 0.05 | 57  | 0.09 | 0.051 | 21 | 41  | 0.29 | 250 |
| BRW108082 | 749  | 3.97 | 51.2  | 1.9 | 10.4  | 9.8  | 24 | 0.3  | 2    | 0.05 | 58  | 0.09 | 0.052 | 20 | 41  | 0.3  | 247 |
| BRW108083 | 548  | 2.8  | 11.7  | 0.6 | 1.4   | 3.5  | 13 | 0.3  | 0.6  | 0.1  | 68  | 0.11 | 0.04  | 10 | 31  | 0.36 | 186 |
| BRW108084 | 709  | 3.55 | 27.5  | 1.8 | 4.6   | 7.3  | 39 | 0.8  | 1.2  | 0.1  | 87  | 0.2  | 0.079 | 21 | 40  | 0.4  | 436 |
| BRW108085 | 760  | 3.4  | 16.6  | 0.5 | 3.7   | 3    | 17 | 0.2  | 0.7  | 0.2  | 78  | 0.18 | 0.119 | 10 | 32  | 0.41 | 354 |
| BRW108086 | 413  | 3.38 | 6.6   | 1   | 9.6   | 6.9  | 21 | 0.2  | 0.2  | 0.1  | 63  | 0.43 | 0.081 | 40 | 33  | 0.62 | 211 |
| BRW108304 | 330  | 3.95 | 6.8   | 1.4 | 3.9   | 8.8  | 23 | 0.1  | 0.3  | 0.2  | 63  | 0.33 | 0.066 | 25 | 44  | 0.77 | 257 |
| BRW108305 | 438  | 3.81 | 7.5   | 2.4 | 3.4   | 10.2 | 23 | 0.2  | 0.4  | 0.2  | 56  | 0.51 | 0.066 | 35 | 36  | 0.56 | 307 |
| BRW108306 | 349  | 4.93 | 10.8  | 1.6 | 2.5   | 7.4  | 13 | 0.1  | 0.9  | 0.3  | 62  | 0.14 | 0.032 | 22 | 46  | 0.58 | 149 |
| BRW108307 | 359  | 1.39 | 5.3   | 2.2 | 4.7   | 1.5  | 41 | 0.2  | 0.5  | 0.1  | 19  | 1.06 | 0.061 | 36 | 16  | 0.8  | 497 |
| BRW108315 | 559  | 3.21 | 18.9  | 0.5 | 3.2   | 4.6  | 25 | 0.3  | 1.4  | 0.2  | 73  | 0.47 | 0.034 | 14 | 40  | 0.45 | 437 |
| BRW108316 | 452  | 2.28 | 10.5  | 0.8 | 4.6   | 2.5  | 51 | 0.3  | 0.8  | 0.1  | 50  | 1.27 | 0.053 | 11 | 28  | 0.55 | 273 |
| BRW108317 | 389  | 2.45 | 9.2   | 1.1 | 2.7   | 2.8  | 51 | 0.1  | 0.7  | 0.1  | 49  | 1.05 | 0.062 | 13 | 31  | 0.53 | 303 |
| BRW108318 | 412  | 2.71 | 10.8  | 1.1 | 11.2  | 3.7  | 44 | 0.2  | 1.1  | 0.1  | 53  | 1.08 | 0.058 | 16 | 63  | 0.59 | 365 |
| BRW108319 | 468  | 2.68 | 9.7   | 0.6 | 10.8  | 3.6  | 33 | 0.05 | 0.7  | 0.2  | 60  | 0.52 | 0.024 | 14 | 45  | 0.52 | 283 |
| BRW108320 | 368  | 2.77 | 8.5   | 0.6 | 3.9   | 4.6  | 32 | 0.1  | 0.4  | 0.1  | 60  | 0.62 | 0.067 | 16 | 57  | 0.67 | 230 |
| BRW108323 | 271  | 1.88 | 6     | 3.7 | 5.9   | 2.6  | 52 | 0.2  | 0.5  | 0.05 | 46  | 1.17 | 0.072 | 11 | 26  | 0.57 | 232 |
| BRW108334 | 359  | 4.15 | 13.3  | 1.9 | 1.2   | 7.7  | 14 | 0.2  | 1    | 0.3  | 48  | 0.14 | 0.045 | 22 | 35  | 0.47 | 160 |
| BRW108335 | 212  | 3.19 | 11    | 0.8 | 1.2   | 5.2  | 14 | 0.05 | 0.6  | 0.2  | 41  | 0.1  | 0.033 | 13 | 22  | 0.23 | 147 |
| BRW108336 | 465  | 3.63 | 11.6  | 1.9 | 3.6   | 8.4  | 21 | 0.05 | 0.6  | 0.2  | 62  | 0.14 | 0.034 | 28 | 37  | 0.42 | 215 |
| BRW108337 | 446  | 2.79 | 11.7  | 1.2 | 3.5   | 3.6  | 22 | 0.2  | 0.6  | 0.2  | 65  | 0.22 | 0.024 | 14 | 35  | 0.46 | 290 |
| BRW108338 | 265  | 3.99 | 4.2   | 2.6 | 2.2   | 10.4 | 12 | 0.05 | 0.3  | 0.2  | 61  | 0.1  | 0.041 | 27 | 41  | 0.57 | 236 |
| BRW108339 | 277  | 3.25 | 11.1  | 1.3 | 4.6   | 7.1  | 19 | 0.05 | 0.8  | 0.2  | 63  | 0.2  | 0.036 | 19 | 40  | 0.47 | 270 |
| BRW108339 | 267  | 3.25 | 10.8  | 1.3 | 3.9   | 7.5  | 19 | 0.05 | 0.7  | 0.2  | 64  | 0.19 | 0.037 | 18 | 37  | 0.46 | 268 |
| BRW108340 | 281  | 3.61 | 7.1   | 1.2 | 4.5   | 7.5  | 19 | 0.05 | 0.5  | 0.2  | 70  | 0.22 | 0.047 | 22 | 39  | 0.53 | 314 |
| BRW108341 | 826  | 4.93 | 14.4  | 1.4 | 1.8   | 13.5 | 16 | 0.1  | 0.3  | 0.4  | 49  | 0.22 | 0.042 | 45 | 46  | 1    | 219 |
| BRW108342 | 756  | 2.15 | 17.6  | 1.1 | 1.4   | 8    | 13 | 0.2  | 0.6  | 0.2  | 29  | 0.23 | 0.031 | 28 | 19  | 0.18 | 179 |
| BRW108343 | 470  | 4.18 | 9.7   | 1.6 | 3.8   | 9.4  | 18 | 0.2  | 1.1  | 0.3  | 80  | 0.28 | 0.064 | 23 | 54  | 0.75 | 334 |
| BRW108344 | 463  | 4.78 | 8.2   | 1.4 | 3.8   | 8.8  | 21 | 0.1  | 0.6  | 0.2  | 123 | 0.52 | 0.094 | 38 | 84  | 1.25 | 627 |
| BRW108345 | 417  | 4.33 | 18.4  | 2.5 | 7.1   | 16.1 | 18 | 0.2  | 1.5  | 0.3  | 64  | 0.28 | 0.083 | 34 | 44  | 0.53 | 330 |
| BRW108349 | 218  | 2.18 | 29.4  | 1.1 | 8     | 4.7  | 21 | 0.1  | 0.9  | 0.1  | 52  | 0.19 | 0.022 | 11 | 29  | 0.37 | 251 |
| BRW108349 | 218  | 2.18 | 28    | 0.9 | 3.5   | 4.7  | 19 | 0.1  | 0.9  | 0.1  | 53  | 0.18 | 0.02  | 10 | 29  | 0.37 | 242 |
| BRW108350 | 384  | 2.44 | 21.8  | 1.1 | 5.1   | 5.2  | 22 | 0.1  | 0.9  | 0.2  | 58  | 0.21 | 0.025 | 14 | 30  | 0.41 | 239 |
| BRW108351 | 365  | 2.52 | 17    | 1.1 | 10.6  | 5.7  | 24 | 0.05 | 1.2  | 0.2  | 57  | 0.23 | 0.022 | 15 | 33  | 0.46 | 294 |
| BRW108352 | 353  | 2.24 | 53    | 1.2 | 8.4   | 5.7  | 20 | 0.2  | 2.5  | 0.2  | 53  | 0.15 | 0.037 | 14 | 25  | 0.32 | 209 |
| BRW108353 | 245  | 3.06 | 52.2  | 1.7 | 16.1  | 21.6 | 31 | 0.05 | 4.5  | 0.1  | 64  | 0.14 | 0.027 | 30 | 37  | 0.4  | 237 |
| BRW108354 | 736  | 3.19 | 28    | 1.4 | 225.6 | 7.7  | 32 | 0.1  | 0.9  | 0.2  | 70  | 0.22 | 0.049 | 20 | 35  | 0.32 | 259 |
| BRW108355 | 357  | 2.07 | 16.7  | 1.2 | 5     | 6.8  | 24 | 0.2  | 0.8  | 0.05 | 37  | 0.1  | 0.046 | 15 | 21  | 0.19 | 168 |
| BRW108356 | 238  | 2.57 | 16.1  | 1.6 | 4.1   | 5.1  | 23 | 0.05 | 0.8  | 0.2  | 59  | 0.2  | 0.022 | 15 | 36  | 0.42 | 308 |
| BRW108357 | 396  | 3.57 | 3.7   | 0.3 | 0.25  | 2.3  | 22 | 0.05 | 0.2  | 0.05 | 89  | 0.69 | 0.123 | 7  | 69  | 1.53 | 162 |
| BRW108358 | 403  | 4.09 | 8.8   | 0.8 | 2.2   | 8.2  | 20 | 0.05 | 0.5  | 0.1  | 68  | 0.37 | 0.092 | 19 | 34  | 0.81 | 180 |
| BRW108359 | 534  | 4.87 | 6.2   | 0.6 | 0.25  | 8.1  | 16 | 0.1  | 0.4  | 0.2  | 90  | 0.21 | 0.05  | 16 | 44  | 0.93 | 489 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW104243 | 0.133 | 3   | 2.01 | 0.017 | 0.67 | 0.05 | 0.11  | 7.2  | 0.6  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000120 |
| BRW104244 | 0.1   | 4   | 1.57 | 0.016 | 0.39 | 0.1  | 0.13  | 5.8  | 0.4  | 0.025 | 6  | 1.1  | 1DX15  | WHI10000120 |
| BRW104245 | 0.079 | 4   | 1.81 | 0.013 | 0.41 | 0.1  | 0.12  | 5.1  | 0.3  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000120 |
| BRW104246 | 0.033 | 2   | 1.02 | 0.012 | 0.16 | 0.2  | 0.08  | 4.5  | 0.3  | 0.15  | 4  | 0.9  | 1DX15  | WHI10000120 |
| BRW104246 | 0.034 | 2   | 1.02 | 0.012 | 0.17 | 0.2  | 0.08  | 4.3  | 0.3  | 0.14  | 3  | 0.9  | 1DX15  | WHI10000120 |
| BRW104247 | 0.164 | 2   | 2.66 | 0.019 | 0.87 | 0.05 | 0.04  | 13.1 | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW104248 | 0.007 | 2   | 0.82 | 0.005 | 0.13 | 0.05 | 0.06  | 4.8  | 0.3  | 0.06  | 3  | 0.7  | 1DX15  | WHI10000120 |
| BRW104249 | 0.007 | 5   | 1.04 | 0.006 | 0.13 | 0.3  | 28.86 | 9.6  | 0.6  | 0.26  | 3  | 1.2  | 1DX15  | WHI10000120 |
| BRW104249 | 0.007 | 5   | 0.99 | 0.006 | 0.13 | 0.3  | 29.41 | 9.2  | 0.6  | 0.23  | 3  | 2    | 1DX15  | WHI10000120 |
| BRW104250 | 0.009 | 2   | 1.17 | 0.006 | 0.11 | 0.3  | 10.65 | 4.9  | 0.4  | 0.025 | 4  | 2    | 1DX15  | WHI10000120 |
| BRW104251 | 0.074 | 2   | 1.88 | 0.018 | 0.15 | 0.1  | 0.08  | 3.6  | 0.2  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000120 |
| BRW104252 | 0.03  | 1   | 1.1  | 0.007 | 0.16 | 0.1  | 0.08  | 4.5  | 0.5  | 0.18  | 4  | 1.3  | 1DX15  | WHI10000120 |
| BRW104253 | 0.024 | 0.5 | 0.72 | 0.008 | 0.1  | 0.05 | 0.02  | 3.6  | 0.3  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW104254 | 0.117 | 1   | 1.82 | 0.014 | 0.48 | 0.1  | 0.05  | 6    | 0.4  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000120 |
| BRW104255 | 0.178 | 1   | 2.81 | 0.012 | 0.94 | 0.05 | 0.02  | 10.4 | 0.5  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000120 |
| BRW104256 | 0.129 | 0.5 | 2    | 0.015 | 0.35 | 0.1  | 0.05  | 5.5  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW104262 | 0.157 | 0.5 | 2.76 | 0.015 | 0.49 | 0.05 | 0.02  | 4.5  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |
| BRW108079 | 0.179 | 2   | 1.95 | 0.01  | 0.62 | 0.2  | 0.02  | 10.2 | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW108079 | 0.176 | 2   | 1.92 | 0.011 | 0.63 | 0.2  | 0.02  | 10   | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW108080 | 0.033 | 1   | 1.2  | 0.007 | 0.09 | 0.2  | 0.25  | 2.8  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108081 | 0.01  | 2   | 0.55 | 0.01  | 0.17 | 0.05 | 0.43  | 2.4  | 0.3  | 0.25  | 2  | 0.25 | 1DX15  | WHI10000120 |
| BRW108082 | 0.031 | 2   | 0.86 | 0.006 | 0.16 | 0.1  | 0.04  | 5    | 0.6  | 0.025 | 4  | 1    | 1DX15  | WHI10000120 |
| BRW108082 | 0.029 | 2   | 0.88 | 0.006 | 0.16 | 0.1  | 0.03  | 5    | 0.6  | 0.025 | 4  | 1.2  | 1DX15  | WHI10000120 |
| BRW108083 | 0.046 | 0.5 | 1.6  | 0.007 | 0.07 | 0.1  | 0.01  | 2.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108084 | 0.043 | 0.5 | 1.26 | 0.008 | 0.15 | 0.1  | 0.03  | 4    | 0.4  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000120 |
| BRW108085 | 0.057 | 1   | 1.76 | 0.008 | 0.09 | 0.1  | 0.03  | 2.9  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108086 | 0.115 | 1   | 1.9  | 0.01  | 0.44 | 0.05 | 0.02  | 6.2  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW108304 | 0.138 | 2   | 2.08 | 0.017 | 0.48 | 0.05 | 0.005 | 4.1  | 0.3  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000120 |
| BRW108305 | 0.082 | 2   | 1.8  | 0.017 | 0.35 | 0.1  | 0.05  | 5.5  | 0.3  | 0.025 | 6  | 1.1  | 1DX15  | WHI10000120 |
| BRW108306 | 0.091 | 0.5 | 1.68 | 0.01  | 0.39 | 0.2  | 0.03  | 4.4  | 0.3  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000120 |
| BRW108307 | 0.025 | 5   | 0.75 | 0.019 | 0.09 | 0.05 | 0.11  | 2.7  | 0.05 | 0.26  | 2  | 0.25 | 1DX15  | WHI10000120 |
| BRW108315 | 0.06  | 2   | 1.85 | 0.013 | 0.19 | 0.1  | 0.04  | 4.7  | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000120 |
| BRW108316 | 0.066 | 3   | 1.28 | 0.027 | 0.09 | 0.2  | 0.04  | 3.2  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108317 | 0.071 | 1   | 1.33 | 0.029 | 0.07 | 0.2  | 0.04  | 3.5  | 0.05 | 0.025 | 4  | 0.8  | 1DX15  | WHI10000120 |
| BRW108318 | 0.066 | 2   | 1.42 | 0.016 | 0.16 | 0.2  | 0.06  | 4.5  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108319 | 0.082 | 2   | 1.67 | 0.02  | 0.1  | 0.1  | 0.02  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108320 | 0.1   | 1   | 1.66 | 0.028 | 0.19 | 0.1  | 0.02  | 5.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108323 | 0.069 | 5   | 1.06 | 0.024 | 0.16 | 0.1  | 0.03  | 3    | 0.05 | 0.12  | 3  | 1    | 1DX15  | WHI10000120 |
| BRW108334 | 0.068 | 1   | 1.57 | 0.007 | 0.23 | 0.05 | 0.005 | 4.4  | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108335 | 0.02  | 2   | 1.31 | 0.006 | 0.1  | 0.05 | 0.02  | 2.4  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108336 | 0.06  | 1   | 1.57 | 0.01  | 0.21 | 0.1  | 0.03  | 6.5  | 0.2  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000120 |
| BRW108337 | 0.057 | 1   | 1.89 | 0.011 | 0.06 | 0.1  | 0.04  | 4.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108338 | 0.129 | 1   | 1.86 | 0.007 | 0.46 | 0.05 | 0.02  | 5.6  | 0.5  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000120 |
| BRW108339 | 0.063 | 2   | 2.14 | 0.012 | 0.1  | 0.05 | 0.03  | 4.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108339 | 0.063 | 2   | 2.07 | 0.013 | 0.1  | 0.1  | 0.02  | 4.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108340 | 0.09  | 1   | 1.71 | 0.009 | 0.31 | 0.05 | 0.03  | 4    | 0.2  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000120 |
| BRW108341 | 0.174 | 0.5 | 2.68 | 0.009 | 0.83 | 0.05 | 0.005 | 3.4  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW108342 | 0.012 | 0.5 | 0.92 | 0.005 | 0.06 | 0.1  | 0.08  | 2    | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108343 | 0.133 | 3   | 2.06 | 0.008 | 0.49 | 0.1  | 0.01  | 4.9  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000120 |
| BRW108344 | 0.187 | 2   | 3.01 | 0.025 | 0.77 | 0.05 | 0.01  | 8.2  | 0.5  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000120 |
| BRW108345 | 0.12  | 2   | 1.43 | 0.006 | 0.47 | 0.2  | 0.2   | 6.2  | 0.6  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000120 |
| BRW108349 | 0.075 | 1   | 1.43 | 0.015 | 0.06 | 0.05 | 0.03  | 2.8  | 0.2  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000120 |
| BRW108349 | 0.07  | 1   | 1.39 | 0.012 | 0.06 | 0.05 | 0.03  | 2.6  | 0.1  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000120 |
| BRW108350 | 0.082 | 1   | 1.47 | 0.017 | 0.06 | 0.1  | 0.03  | 3.7  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108351 | 0.085 | 0.5 | 1.59 | 0.013 | 0.07 | 0.05 | 0.03  | 4.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108352 | 0.059 | 2   | 1.31 | 0.008 | 0.07 | 0.1  | 0.03  | 3.4  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108353 | 0.094 | 0.5 | 1.65 | 0.011 | 0.12 | 0.05 | 0.02  | 5    | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000120 |
| BRW108354 | 0.048 | 1   | 1.58 | 0.009 | 0.07 | 0.1  | 0.02  | 5.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108355 | 0.027 | 1   | 0.71 | 0.006 | 0.07 | 0.05 | 0.01  | 2.7  | 0.2  | 0.025 | 2  | 0.25 | 1DX15  | WHI10000120 |
| BRW108356 | 0.056 | 0.5 | 1.86 | 0.011 | 0.05 | 0.05 | 0.02  | 4.2  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108357 | 0.156 | 1   | 2.62 | 0.019 | 0.54 | 0.05 | 0.005 | 6.8  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000120 |
| BRW108358 | 0.157 | 0.5 | 2.3  | 0.014 | 0.77 | 0.1  | 0.02  | 8.3  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW108359 | 0.212 | 0.5 | 2.36 | 0.01  | 0.98 | 0.05 | 0.005 | 8.2  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|------|------|
| BRW108360 | Soil | 599701     | 7004169    | 07V      | 1.4  | 29.3  | 11.6 | 79  | 0.05 | 31.3 | 11.6 |
| BRW108361 | Soil | 599663     | 7004138    | 07V      | 2.3  | 37    | 11.6 | 85  | 0.05 | 30   | 13.1 |
| BRW108362 | Soil | 599623     | 7004108    | 07V      | 1    | 34.1  | 11.5 | 104 | 0.05 | 38.2 | 20.7 |
| BRW108363 | Soil | 599582     | 7004075    | 07V      | 1.6  | 45.3  | 12.5 | 119 | 0.05 | 50.6 | 17.4 |
| BRW108364 | Soil | 599544     | 7004047    | 07V      | 1.5  | 44.4  | 10.6 | 96  | 0.1  | 39.8 | 14.8 |
| BRW108365 | Soil | 599544     | 7004047    | 07V      | 1.6  | 50.8  | 10.4 | 105 | 0.1  | 40.4 | 15.6 |
| BRW108454 | Soil | 599796     | 7004373    | 07V      | 1.6  | 44    | 12.7 | 59  | 0.05 | 23.5 | 10.3 |
| BRW108455 | Soil | 599756     | 7004342    | 07V      | 1.2  | 21.1  | 2.5  | 86  | 0.05 | 10.9 | 21.3 |
| BRW108456 | Soil | 599717     | 7004312    | 07V      | 2    | 17.5  | 7.8  | 87  | 0.05 | 16.6 | 13.5 |
| BRW108457 | Soil | 599679     | 7004278    | 07V      | 1    | 15.2  | 7.1  | 82  | 0.05 | 12.7 | 10.9 |
| BRW108458 | Soil | 599638     | 7004248    | 07V      | 0.8  | 12    | 9.5  | 68  | 0.05 | 13.1 | 8.6  |
| BRW108459 | Soil | 599600     | 7004218    | 07V      | 0.6  | 19.8  | 7.1  | 69  | 0.05 | 22.2 | 11.4 |
| BRW108460 | Soil | 599560     | 7004188    | 07V      | 1.9  | 70.2  | 10.2 | 65  | 0.1  | 40.5 | 15.8 |
| BRW108461 | Soil | 599519     | 7004158    | 07V      | 1.4  | 38.1  | 3.4  | 83  | 0.1  | 16.7 | 18.5 |
| BRW108462 | Soil | 599482     | 7004126    | 07V      | 1.4  | 49.8  | 10   | 100 | 0.05 | 28   | 16.8 |
| BRW108463 | Soil | 599482     | 7004126    | 07V      | 1.2  | 44.4  | 9.8  | 100 | 0.05 | 27.8 | 18.9 |
| BRW108471 | Soil | 600632     | 7004518    | 07V      | 0.6  | 44.4  | 13.9 | 111 | 0.05 | 33.5 | 10   |
| BRW108473 | Soil | 600554     | 7004457    | 07V      | 3.7  | 49.9  | 42.2 | 149 | 0.05 | 54   | 11.2 |
| BRW108475 | Soil | 600475     | 7004395    | 07V      | 2    | 59.4  | 24.7 | 200 | 0.05 | 57.3 | 13.3 |
| BRW108476 | Soil | 600437     | 7004364    | 07V      | 1.6  | 41.4  | 18.8 | 79  | 0.05 | 34.4 | 10.4 |
| BRW108478 | Soil | 600357     | 7004303    | 07V      | 0.7  | 45.7  | 23.7 | 128 | 0.05 | 49   | 13.2 |
| BRW108479 | Soil | 600317     | 7004270    | 07V      | 0.05 | 23.4  | 6.3  | 78  | 0.05 | 43.5 | 14.6 |
| BRW108483 | Soil | 600159     | 7004149    | 07V      | 2    | 32.2  | 11.1 | 52  | 0.05 | 28.1 | 10.5 |
| BRW108484 | Soil | 600119     | 7004116    | 07V      | 2    | 28.6  | 11   | 61  | 0.2  | 33.7 | 13.8 |
| BRW108485 | Soil | 600083     | 7004088    | 07V      | 1.6  | 78.2  | 10.6 | 65  | 0.4  | 38.3 | 13.3 |
| BRW108486 | Soil | 600042     | 7004057    | 07V      | 2.5  | 44.5  | 10.9 | 65  | 0.2  | 35.3 | 15.1 |
| BRW108487 | Soil | 600004     | 7004025    | 07V      | 3.1  | 108.9 | 14.5 | 66  | 0.2  | 49.8 | 14.8 |
| BRW108488 | Soil | 599964     | 7003994    | 07V      | 1.9  | 44.7  | 9.9  | 60  | 0.3  | 38.6 | 13.5 |
| BRW108489 | Soil | 599924     | 7003963    | 07V      | 3.2  | 73.3  | 15.4 | 78  | 0.05 | 44.1 | 14.2 |
| BRW108490 | Soil | 599924     | 7003963    | 07V      | 4    | 88.3  | 17.4 | 92  | 0.05 | 49.7 | 14.2 |
| BRW108491 | Soil | 599886     | 7003935    | 07V      | 1.6  | 42.7  | 10.6 | 102 | 0.1  | 39.6 | 14.9 |
| BRW108492 | Soil | 599847     | 7003901    | 07V      | 1.7  | 32.3  | 8.6  | 73  | 0.2  | 37.1 | 12.5 |
| BRW108495 | Soil | 599728     | 7003810    | 07V      | 2.6  | 34.8  | 9.1  | 110 | 0.1  | 34.3 | 16.2 |
| BRW108501 | Soil | 600160     | 7005289    | 07V      | 1.1  | 21.6  | 12.6 | 69  | 0.2  | 22.9 | 12   |
| BRW108502 | Soil | 600120     | 7005259    | 07V      | 1.4  | 22.8  | 14.4 | 79  | 0.2  | 24.7 | 9.1  |
| BRW108503 | Soil | 600080     | 7005227    | 07V      | 1.5  | 27.4  | 13.1 | 75  | 0.3  | 29.1 | 9.7  |
| BRW108504 | Soil | 600039     | 7005196    | 07V      | 1.2  | 23.8  | 12.3 | 70  | 0.4  | 24.7 | 9.9  |
| BRW108505 | Soil | 600001     | 7005165    | 07V      | 1.9  | 34.4  | 17.8 | 122 | 0.2  | 45.8 | 15.8 |
| BRW108507 | Soil | 599923     | 7005104    | 07V      | 1.9  | 51.3  | 22.9 | 114 | 0.4  | 46.2 | 16.6 |
| BRW108507 | REP  | 599923     | 7005104    | 07V      | 1.7  | 51.5  | 22.9 | 114 | 0.4  | 45.6 | 16.5 |
| BRW108508 | Soil | 599886     | 7005074    | 07V      | 1.8  | 34    | 26.5 | 97  | 0.2  | 34.7 | 14.2 |
| BRW108509 | Soil | 599846     | 7005043    | 07V      | 1.3  | 37.3  | 12   | 68  | 0.3  | 31.8 | 10.5 |
| BRW108510 | Soil | 599805     | 7005014    | 07V      | 1.2  | 48.3  | 46.7 | 218 | 0.3  | 20.3 | 18.5 |
| BRW108511 | Soil | 599768     | 7004983    | 07V      | 1.6  | 25.1  | 11.8 | 84  | 0.1  | 24.3 | 13   |
| BRW108512 | Soil | 599729     | 7004950    | 07V      | 2.1  | 16    | 11.5 | 58  | 0.1  | 16.7 | 8.6  |
| BRW108514 | Soil | 599649     | 7004890    | 07V      | 11.9 | 56.6  | 25.9 | 111 | 0.3  | 46.6 | 20.5 |
| BRW108515 | Soil | 599609     | 7004859    | 07V      | 2.7  | 43.1  | 8.6  | 52  | 0.2  | 33.7 | 18.4 |
| BRW108516 | Soil | 599570     | 7004826    | 07V      | 2    | 36    | 12   | 84  | 0.1  | 39.5 | 18.1 |
| BRW108517 | Soil | 599530     | 7004796    | 07V      | 1.1  | 23.2  | 6.5  | 69  | 0.05 | 37.1 | 20.8 |
| BRW108518 | Soil | 599490     | 7004768    | 07V      | 10.1 | 19.3  | 15.1 | 92  | 0.2  | 22.8 | 14.2 |
| BRW108519 | Soil | 599450     | 7004735    | 07V      | 1.8  | 16.1  | 6.8  | 77  | 0.05 | 17.4 | 13.6 |
| BRW108520 | Soil | 599412     | 7004705    | 07V      | 1.5  | 23.8  | 12.9 | 102 | 0.2  | 22.6 | 12.7 |
| BRW108522 | Soil | 599372     | 7004671    | 07V      | 1.6  | 28.7  | 13.1 | 108 | 0.2  | 33.7 | 16.4 |
| BRW108523 | Soil | 599332     | 7004643    | 07V      | 1.1  | 31    | 11.9 | 93  | 0.3  | 27.6 | 12.6 |
| BRW108524 | Soil | 599293     | 7004613    | 07V      | 1.4  | 36.3  | 10.5 | 108 | 0.1  | 35.5 | 16.4 |
| BRW108525 | Soil | 599293     | 7004613    | 07V      | 1.2  | 34    | 9.9  | 103 | 0.1  | 33.8 | 16.2 |
| BRW108526 | Soil | 599254     | 7004581    | 07V      | 1.4  | 36.9  | 11.2 | 102 | 0.1  | 45.2 | 14.7 |
| BRW108527 | Soil | 599212     | 7004550    | 07V      | 2.7  | 42.4  | 14.1 | 97  | 0.3  | 42   | 17.1 |
| BRW108528 | Soil | 599212     | 7004550    | 07V      | 2.8  | 43.8  | 14   | 99  | 0.3  | 43.2 | 17.1 |
| BRW108529 | Soil | 600847     | 7004811    | 07V      | 1    | 24.3  | 27.8 | 69  | 0.05 | 30   | 10.4 |
| BRW108530 | Soil | 600809     | 7004784    | 07V      | 0.8  | 39.4  | 24.8 | 125 | 0.05 | 39   | 15   |
| BRW108531 | Soil | 600769     | 7004750    | 07V      | 1.1  | 29.1  | 12.2 | 72  | 0.05 | 24.3 | 8.2  |
| BRW108532 | Soil | 600732     | 7004720    | 07V      | 1.2  | 20.8  | 9.3  | 43  | 0.05 | 18.6 | 9.9  |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|------|------|----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW108360 | 378  | 3.09 | 5.2   | 0.7 | 1.4  | 12   | 13 | 0.05 | 0.4  | 0.2  | 64  | 0.18 | 0.031 | 26 | 40  | 0.62 | 352 |
| BRW108361 | 397  | 3.87 | 7.4   | 0.9 | 5.8  | 10   | 22 | 0.05 | 0.5  | 0.1  | 79  | 0.26 | 0.03  | 36 | 50  | 0.62 | 294 |
| BRW108362 | 537  | 4.88 | 3.6   | 0.6 | 0.25 | 5.7  | 32 | 0.05 | 0.1  | 0.05 | 115 | 0.57 | 0.065 | 15 | 141 | 2.04 | 448 |
| BRW108363 | 522  | 5.52 | 6.9   | 0.9 | 0.25 | 18.5 | 21 | 0.05 | 0.4  | 0.05 | 123 | 0.32 | 0.046 | 43 | 79  | 1.35 | 512 |
| BRW108364 | 501  | 4.74 | 8.3   | 0.7 | 1.7  | 16.4 | 28 | 0.05 | 0.4  | 0.1  | 88  | 0.37 | 0.029 | 35 | 56  | 0.98 | 334 |
| BRW108365 | 520  | 4.97 | 7     | 0.7 | 1    | 17.7 | 27 | 0.1  | 0.4  | 0.1  | 95  | 0.36 | 0.03  | 37 | 60  | 1.08 | 339 |
| BRW108454 | 521  | 2.32 | 20.8  | 1.3 | 4.1  | 7.2  | 23 | 0.2  | 1.2  | 0.1  | 46  | 0.12 | 0.027 | 14 | 30  | 0.28 | 181 |
| BRW108455 | 574  | 5.6  | 2.9   | 0.5 | 0.25 | 4.1  | 19 | 0.05 | 0.1  | 0.05 | 98  | 0.84 | 0.275 | 14 | 27  | 1.23 | 240 |
| BRW108456 | 417  | 4.66 | 6.3   | 0.7 | 0.7  | 3.8  | 16 | 0.05 | 0.3  | 0.05 | 74  | 0.36 | 0.11  | 12 | 27  | 0.75 | 231 |
| BRW108457 | 412  | 4.29 | 4.5   | 0.7 | 0.8  | 9.2  | 15 | 0.05 | 0.2  | 0.05 | 65  | 0.46 | 0.169 | 24 | 23  | 0.71 | 179 |
| BRW108458 | 377  | 2.85 | 5.3   | 0.6 | 2.4  | 7.4  | 16 | 0.05 | 0.3  | 0.05 | 46  | 0.36 | 0.111 | 14 | 21  | 0.61 | 203 |
| BRW108459 | 324  | 3.25 | 5.2   | 0.5 | 0.9  | 7.3  | 19 | 0.05 | 0.3  | 0.05 | 67  | 0.24 | 0.035 | 15 | 51  | 1.08 | 493 |
| BRW108460 | 232  | 3.86 | 6.6   | 1   | 1.7  | 10   | 19 | 0.05 | 0.4  | 0.1  | 85  | 0.21 | 0.017 | 29 | 72  | 0.74 | 402 |
| BRW108461 | 486  | 4.58 | 2.3   | 0.6 | 0.25 | 2.6  | 18 | 0.05 | 0.1  | 0.05 | 89  | 0.8  | 0.269 | 15 | 43  | 1.63 | 262 |
| BRW108462 | 455  | 4.67 | 4.4   | 1   | 0.25 | 20.4 | 21 | 0.05 | 0.2  | 0.05 | 91  | 0.42 | 0.072 | 64 | 42  | 1.21 | 285 |
| BRW108463 | 513  | 4.89 | 3.9   | 1   | 0.6  | 16.5 | 25 | 0.05 | 0.2  | 0.05 | 91  | 0.42 | 0.078 | 81 | 40  | 1.41 | 291 |
| BRW108471 | 345  | 3.76 | 3.8   | 4.8 | 4.4  | 13.9 | 22 | 0.2  | 0.5  | 0.3  | 68  | 0.27 | 0.09  | 42 | 44  | 0.6  | 475 |
| BRW108473 | 289  | 3.86 | 463.9 | 3.9 | 42.7 | 5.2  | 20 | 0.6  | 22.3 | 0.2  | 60  | 0.13 | 0.041 | 14 | 26  | 0.17 | 271 |
| BRW108475 | 1292 | 4.91 | 51.1  | 2.5 | 4.7  | 9.4  | 15 | 0.3  | 1.9  | 0.2  | 79  | 0.12 | 0.04  | 23 | 41  | 0.4  | 459 |
| BRW108476 | 427  | 3.38 | 27.1  | 1.6 | 9.2  | 5.5  | 25 | 0.2  | 1.5  | 0.2  | 64  | 0.27 | 0.021 | 19 | 37  | 0.41 | 289 |
| BRW108478 | 174  | 3.89 | 30    | 1.4 | 5.2  | 10.8 | 17 | 0.2  | 4.1  | 0.2  | 66  | 0.18 | 0.025 | 36 | 45  | 0.54 | 232 |
| BRW108479 | 907  | 3.61 | 1.5   | 0.3 | 0.8  | 4.5  | 21 | 0.3  | 0.1  | 0.05 | 37  | 0.75 | 0.079 | 11 | 61  | 2.42 | 467 |
| BRW108483 | 438  | 2.89 | 20.1  | 1.2 | 3.8  | 5.8  | 26 | 0.05 | 1.1  | 0.2  | 56  | 0.26 | 0.032 | 15 | 36  | 0.38 | 172 |
| BRW108484 | 686  | 2.79 | 13.2  | 0.8 | 3.7  | 6.6  | 25 | 0.05 | 0.9  | 0.2  | 58  | 0.25 | 0.039 | 15 | 36  | 0.45 | 209 |
| BRW108485 | 456  | 3.07 | 22.4  | 0.9 | 12.9 | 4.5  | 48 | 0.05 | 1.1  | 0.2  | 63  | 1.4  | 0.044 | 17 | 36  | 0.64 | 215 |
| BRW108486 | 537  | 3.47 | 21.1  | 1.1 | 3.3  | 5.2  | 30 | 0.1  | 0.9  | 0.2  | 65  | 0.36 | 0.05  | 15 | 39  | 0.46 | 228 |
| BRW108487 | 563  | 3.18 | 37.2  | 1.3 | 12.9 | 5.5  | 29 | 0.2  | 1.3  | 0.2  | 63  | 0.38 | 0.05  | 14 | 41  | 0.35 | 141 |
| BRW108488 | 395  | 3.27 | 20.2  | 0.7 | 5.9  | 5.1  | 29 | 0.05 | 1    | 0.2  | 68  | 0.41 | 0.029 | 18 | 43  | 0.6  | 219 |
| BRW108489 | 790  | 3.45 | 37.8  | 1.2 | 7.1  | 10.7 | 29 | 0.1  | 1.3  | 0.1  | 61  | 0.35 | 0.044 | 23 | 38  | 0.41 | 189 |
| BRW108490 | 1064 | 3.21 | 38.9  | 1.5 | 9.2  | 20.2 | 26 | 0.05 | 1.1  | 0.05 | 41  | 0.22 | 0.049 | 25 | 26  | 0.18 | 180 |
| BRW108491 | 266  | 3.94 | 8.4   | 0.9 | 1.6  | 15.4 | 17 | 0.1  | 0.3  | 0.1  | 68  | 0.28 | 0.058 | 44 | 39  | 0.7  | 226 |
| BRW108492 | 258  | 3.34 | 7.5   | 0.6 | 1    | 11.4 | 20 | 0.05 | 0.4  | 0.1  | 66  | 0.32 | 0.02  | 26 | 46  | 0.76 | 291 |
| BRW108495 | 615  | 4.31 | 45.9  | 0.9 | 3.8  | 8.5  | 19 | 0.2  | 2.3  | 0.05 | 71  | 0.43 | 0.043 | 32 | 40  | 0.84 | 330 |
| BRW108501 | 436  | 2.89 | 8.2   | 1.8 | 5.3  | 5.6  | 22 | 0.2  | 0.6  | 0.3  | 53  | 0.27 | 0.046 | 19 | 27  | 0.4  | 311 |
| BRW108502 | 337  | 3.13 | 8.1   | 1.8 | 8.6  | 5.3  | 27 | 0.1  | 0.5  | 0.4  | 52  | 0.28 | 0.056 | 19 | 30  | 0.39 | 282 |
| BRW108503 | 266  | 3.25 | 7.3   | 1.7 | 4.8  | 7.4  | 24 | 0.05 | 0.5  | 0.3  | 59  | 0.34 | 0.05  | 27 | 37  | 0.46 | 259 |
| BRW108504 | 439  | 3.03 | 7     | 1.7 | 5.8  | 6.5  | 26 | 0.2  | 0.5  | 0.3  | 58  | 0.41 | 0.044 | 43 | 32  | 0.44 | 369 |
| BRW108505 | 600  | 4.49 | 7.6   | 2.2 | 11.6 | 8.5  | 28 | 0.2  | 0.8  | 0.5  | 69  | 0.49 | 0.093 | 24 | 52  | 0.68 | 372 |
| BRW108507 | 566  | 4.07 | 18    | 2.5 | 8.2  | 13.5 | 30 | 0.3  | 0.8  | 0.4  | 59  | 0.72 | 0.084 | 32 | 46  | 0.49 | 386 |
| BRW108507 | 564  | 4.06 | 18    | 2.6 | 7.4  | 12.8 | 26 | 0.3  | 0.8  | 0.4  | 57  | 0.72 | 0.08  | 30 | 44  | 0.48 | 347 |
| BRW108508 | 492  | 3.81 | 9.4   | 2   | 2.6  | 9.5  | 21 | 0.2  | 0.6  | 0.2  | 66  | 0.39 | 0.04  | 22 | 32  | 0.5  | 293 |
| BRW108509 | 335  | 2.93 | 7.9   | 4.1 | 5.6  | 6.1  | 29 | 0.2  | 0.7  | 0.2  | 49  | 0.79 | 0.062 | 21 | 31  | 0.52 | 339 |
| BRW108510 | 1505 | 4.22 | 14.1  | 1.8 | 3    | 4.5  | 20 | 0.4  | 1.4  | 0.4  | 66  | 0.92 | 0.055 | 19 | 45  | 1.03 | 290 |
| BRW108511 | 445  | 3.13 | 69.3  | 1.4 | 3.5  | 5.6  | 27 | 0.2  | 2.1  | 0.1  | 40  | 0.34 | 0.037 | 16 | 22  | 0.21 | 200 |
| BRW108512 | 345  | 2.98 | 115.2 | 1.5 | 1.6  | 2.9  | 22 | 0.1  | 2.6  | 0.2  | 43  | 0.69 | 0.036 | 11 | 22  | 0.22 | 168 |
| BRW108514 | 1018 | 4.26 | 23.6  | 1.7 | 2.3  | 12.9 | 38 | 0.2  | 1.2  | 0.4  | 75  | 0.43 | 0.07  | 32 | 71  | 0.86 | 326 |
| BRW108515 | 705  | 2.98 | 32.1  | 5.8 | 1.8  | 3.8  | 37 | 0.3  | 0.8  | 0.1  | 62  | 1.1  | 0.074 | 16 | 117 | 0.64 | 281 |
| BRW108516 | 438  | 3.38 | 15.5  | 1.7 | 6.5  | 6.4  | 33 | 0.3  | 0.6  | 0.1  | 77  | 0.73 | 0.09  | 24 | 128 | 0.96 | 324 |
| BRW108517 | 452  | 3.43 | 4.8   | 1.2 | 4.4  | 4.4  | 31 | 0.1  | 0.2  | 0.05 | 89  | 1.15 | 0.074 | 18 | 197 | 1.46 | 304 |
| BRW108518 | 803  | 3.93 | 6.6   | 1.1 | 37.5 | 6    | 22 | 0.2  | 0.5  | 0.1  | 65  | 0.5  | 0.073 | 31 | 54  | 0.72 | 265 |
| BRW108519 | 467  | 3.72 | 5.9   | 0.7 | 10.1 | 5.4  | 17 | 0.05 | 0.3  | 0.05 | 60  | 0.51 | 0.113 | 19 | 41  | 0.71 | 257 |
| BRW108520 | 430  | 3.84 | 7.8   | 1   | 7.4  | 7.7  | 20 | 0.2  | 0.3  | 0.1  | 66  | 0.37 | 0.085 | 31 | 35  | 0.66 | 254 |
| BRW108522 | 519  | 3.19 | 8.1   | 1.1 | 3.2  | 9.8  | 23 | 0.2  | 0.2  | 0.05 | 62  | 0.45 | 0.079 | 37 | 43  | 0.74 | 347 |
| BRW108523 | 335  | 3.12 | 10.2  | 1.4 | 1.4  | 11.2 | 29 | 0.2  | 0.3  | 0.1  | 70  | 0.77 | 0.078 | 73 | 41  | 0.74 | 461 |
| BRW108524 | 600  | 4.39 | 8.3   | 0.9 | 8    | 11.1 | 32 | 0.1  | 0.3  | 0.05 | 88  | 0.83 | 0.075 | 35 | 61  | 1.2  | 553 |
| BRW108525 | 543  | 3.95 | 7.5   | 0.9 | 2.2  | 9.7  | 30 | 0.1  | 0.2  | 0.05 | 81  | 0.77 | 0.077 | 33 | 54  | 1.07 | 519 |
| BRW108526 | 432  | 4.14 | 5.8   | 0.9 | 7.7  | 15.9 | 23 | 0.1  | 0.2  | 0.05 | 107 | 0.58 | 0.038 | 34 | 71  | 1.17 | 376 |
| BRW108527 | 620  | 4.34 | 11.9  | 0.8 | 6.9  | 14.5 | 23 | 0.1  | 0.4  | 0.1  | 96  | 0.62 | 0.071 | 41 | 63  | 0.91 | 520 |
| BRW108528 | 625  | 4.39 | 12.1  | 0.8 | 16   | 14.3 | 24 | 0.05 | 0.4  | 0.1  | 95  | 0.64 | 0.07  | 43 | 63  | 0.91 | 530 |
| BRW108529 | 444  | 2.63 | 16    | 1.3 | 4.6  | 10.1 | 17 | 0.05 | 1    | 0.4  | 33  | 0.2  | 0.05  | 25 | 24  | 0.22 | 126 |
| BRW108530 | 523  | 3.58 | 70.7  | 1.2 | 2    | 11.2 | 22 | 0.1  | 1.3  | 0.2  | 44  | 0.28 | 0.029 | 31 | 36  | 0.6  | 209 |
| BRW108531 | 280  | 3.18 | 8.9   | 1.8 | 3.7  | 8.1  | 16 | 0.05 | 0.9  | 0.2  | 45  | 0.11 | 0.03  | 22 | 23  | 0.23 | 142 |
| BRW108532 | 233  | 2.24 | 7.4   | 1.5 | 2    | 6.9  | 15 | 0.05 | 0.6  | 0.2  | 39  | 0.1  | 0.024 | 18 | 19  | 0.2  | 149 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc  | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|-----|------|-------|----|------|--------|-------------|
| BRW108360 | 0.112 | 0.5 | 1.71 | 0.011 | 0.58 | 0.05 | 0.005 | 4   | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108361 | 0.175 | 1   | 2.26 | 0.013 | 0.63 | 0.1  | 0.02  | 7.3 | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW108362 | 0.217 | 2   | 4.31 | 0.044 | 1.25 | 0.05 | 0.02  | 9.6 | 0.4  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000120 |
| BRW108363 | 0.268 | 1   | 3.22 | 0.016 | 1.49 | 0.05 | 0.01  | 8.4 | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000120 |
| BRW108364 | 0.206 | 2   | 2.72 | 0.019 | 1.01 | 0.05 | 0.02  | 7.5 | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |
| BRW108365 | 0.233 | 1   | 2.88 | 0.017 | 1.24 | 0.05 | 0.02  | 8.1 | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW108454 | 0.055 | 1   | 1.14 | 0.011 | 0.06 | 0.05 | 0.03  | 3.3 | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108455 | 0.18  | 0.5 | 2.83 | 0.015 | 1.15 | 0.05 | 0.01  | 8.9 | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000120 |
| BRW108456 | 0.153 | 0.5 | 2.08 | 0.012 | 0.64 | 0.1  | 0.005 | 7.2 | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW108457 | 0.168 | 0.5 | 2.1  | 0.008 | 1    | 0.05 | 0.005 | 6.3 | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |
| BRW108458 | 0.109 | 1   | 1.61 | 0.01  | 0.49 | 0.1  | 0.01  | 2.7 | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108459 | 0.193 | 0.5 | 2.18 | 0.019 | 0.89 | 0.05 | 0.005 | 4.4 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108460 | 0.157 | 0.5 | 2.28 | 0.012 | 0.79 | 0.05 | 0.005 | 4.5 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108461 | 0.212 | 0.5 | 2.8  | 0.014 | 1.63 | 0.05 | 0.005 | 6.3 | 0.7  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |
| BRW108462 | 0.165 | 1   | 2.3  | 0.01  | 1.27 | 0.05 | 0.01  | 8.1 | 0.5  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000120 |
| BRW108463 | 0.155 | 0.5 | 2.53 | 0.01  | 1.38 | 0.05 | 0.01  | 9.6 | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW108471 | 0.149 | 2   | 1.83 | 0.011 | 0.89 | 0.05 | 0.08  | 7.4 | 0.6  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000120 |
| BRW108473 | 0.024 | 1   | 1.47 | 0.005 | 0.05 | 0.2  | 6.72  | 8.6 | 5.6  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000120 |
| BRW108475 | 0.109 | 1   | 1.45 | 0.007 | 0.41 | 0.1  | 0.06  | 7.4 | 0.4  | 0.025 | 5  | 1.1  | 1DX15  | WHI10000120 |
| BRW108476 | 0.058 | 1   | 1.75 | 0.012 | 0.06 | 0.1  | 0.06  | 6.9 | 0.05 | 0.025 | 5  | 1.2  | 1DX15  | WHI10000120 |
| BRW108478 | 0.055 | 3   | 1.51 | 0.008 | 0.33 | 0.05 | 0.04  | 6.8 | 0.2  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000120 |
| BRW108479 | 0.145 | 0.5 | 2.49 | 0.009 | 1.21 | 0.1  | 0.02  | 3.6 | 0.6  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108483 | 0.07  | 1   | 1.39 | 0.012 | 0.14 | 0.05 | 0.03  | 6.3 | 0.05 | 0.025 | 4  | 0.8  | 1DX15  | WHI10000120 |
| BRW108484 | 0.073 | 1   | 1.6  | 0.012 | 0.18 | 0.1  | 0.01  | 5.5 | 0.1  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000120 |
| BRW108485 | 0.076 | 2   | 1.61 | 0.027 | 0.18 | 0.1  | 0.11  | 5.8 | 0.1  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000120 |
| BRW108486 | 0.066 | 1   | 1.83 | 0.013 | 0.15 | 0.1  | 0.03  | 6.5 | 0.05 | 0.025 | 5  | 1.1  | 1DX15  | WHI10000120 |
| BRW108487 | 0.035 | 2   | 1.61 | 0.009 | 0.22 | 0.1  | 0.05  | 6.3 | 0.2  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000120 |
| BRW108488 | 0.092 | 1   | 1.79 | 0.021 | 0.2  | 0.2  | 0.05  | 6.7 | 0.05 | 0.025 | 5  | 0.9  | 1DX15  | WHI10000120 |
| BRW108489 | 0.052 | 1   | 1.36 | 0.015 | 0.16 | 0.1  | 0.08  | 6.7 | 0.1  | 0.025 | 4  | 1    | 1DX15  | WHI10000120 |
| BRW108490 | 0.006 | 0.5 | 0.71 | 0.007 | 0.12 | 0.05 | 0.08  | 4.6 | 0.1  | 0.025 | 2  | 0.8  | 1DX15  | WHI10000120 |
| BRW108491 | 0.113 | 1   | 1.96 | 0.011 | 0.65 | 0.05 | 0.01  | 5.5 | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000120 |
| BRW108492 | 0.124 | 1   | 1.95 | 0.01  | 0.56 | 0.05 | 0.02  | 3.9 | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108495 | 0.065 | 1   | 1.75 | 0.011 | 0.29 | 0.05 | 0.04  | 9.3 | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108501 | 0.067 | 1   | 1.43 | 0.01  | 0.14 | 0.1  | 0.04  | 3.7 | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108502 | 0.052 | 2   | 1.53 | 0.013 | 0.16 | 0.1  | 0.03  | 3.7 | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108503 | 0.068 | 1   | 1.69 | 0.012 | 0.18 | 0.05 | 0.03  | 3.7 | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108504 | 0.074 | 1   | 1.66 | 0.019 | 0.23 | 0.05 | 0.06  | 4.1 | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108505 | 0.082 | 2   | 2.01 | 0.013 | 0.43 | 0.05 | 0.08  | 5.8 | 0.5  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000120 |
| BRW108507 | 0.061 | 4   | 1.36 | 0.008 | 0.48 | 0.05 | 0.23  | 5.9 | 0.4  | 0.025 | 5  | 1.5  | 1DX15  | WHI10000120 |
| BRW108507 | 0.056 | 3   | 1.25 | 0.007 | 0.45 | 0.05 | 0.24  | 5.8 | 0.4  | 0.025 | 5  | 1.3  | 1DX15  | WHI10000120 |
| BRW108508 | 0.069 | 2   | 1.58 | 0.012 | 0.48 | 0.05 | 0.05  | 4.9 | 0.4  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000120 |
| BRW108509 | 0.065 | 3   | 1.25 | 0.015 | 0.34 | 0.05 | 0.14  | 4.3 | 0.2  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000120 |
| BRW108510 | 0.086 | 3   | 1.76 | 0.011 | 0.45 | 0.1  | 0.07  | 9.6 | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108511 | 0.017 | 2   | 0.75 | 0.008 | 0.08 | 0.1  | 0.09  | 3.5 | 0.1  | 0.025 | 2  | 0.6  | 1DX15  | WHI10000120 |
| BRW108512 | 0.024 | 0.5 | 1.07 | 0.01  | 0.05 | 0.2  | 0.56  | 3.1 | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108514 | 0.093 | 2   | 1.9  | 0.015 | 0.46 | 0.05 | 0.02  | 7.3 | 0.4  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000120 |
| BRW108515 | 0.047 | 3   | 1.04 | 0.016 | 0.1  | 0.1  | 0.04  | 5.2 | 0.2  | 0.05  | 3  | 1.7  | 1DX15  | WHI10000120 |
| BRW108516 | 0.1   | 2   | 1.81 | 0.016 | 0.25 | 0.2  | 0.06  | 7.6 | 0.2  | 0.05  | 6  | 0.5  | 1DX15  | WHI10000120 |
| BRW108517 | 0.104 | 2   | 1.85 | 0.016 | 0.37 | 0.05 | 0.1   | 8.9 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108518 | 0.107 | 1   | 2.05 | 0.013 | 0.39 | 0.1  | 0.07  | 7.9 | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |
| BRW108519 | 0.103 | 1   | 1.55 | 0.012 | 0.49 | 0.1  | 0.03  | 6.7 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108520 | 0.107 | 1   | 2.12 | 0.013 | 0.32 | 0.2  | 0.04  | 5.7 | 0.3  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000120 |
| BRW108522 | 0.092 | 1   | 1.75 | 0.011 | 0.46 | 0.05 | 0.05  | 3.6 | 0.3  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000120 |
| BRW108523 | 0.1   | 2   | 1.98 | 0.015 | 0.42 | 0.05 | 0.06  | 5.9 | 0.3  | 0.06  | 7  | 0.7  | 1DX15  | WHI10000120 |
| BRW108524 | 0.167 | 3   | 2.49 | 0.016 | 0.79 | 0.1  | 0.04  | 9   | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |
| BRW108525 | 0.162 | 4   | 2.25 | 0.014 | 0.71 | 0.1  | 0.03  | 7.9 | 0.4  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000120 |
| BRW108526 | 0.208 | 1   | 2.4  | 0.016 | 0.89 | 0.05 | 0.02  | 5.4 | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW108527 | 0.139 | 0.5 | 2.4  | 0.014 | 0.57 | 0.1  | 0.04  | 5.9 | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |
| BRW108528 | 0.144 | 1   | 2.45 | 0.013 | 0.57 | 0.1  | 0.05  | 5.8 | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW108529 | 0.032 | 3   | 0.96 | 0.005 | 0.15 | 0.1  | 0.02  | 3.8 | 0.1  | 0.06  | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108530 | 0.12  | 0.5 | 1.77 | 0.015 | 0.54 | 0.1  | 0.03  | 3.8 | 0.5  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108531 | 0.043 | 0.5 | 1.01 | 0.006 | 0.21 | 0.05 | 0.04  | 3.8 | 0.2  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000120 |
| BRW108532 | 0.033 | 0.5 | 1.04 | 0.007 | 0.08 | 0.05 | 0.02  | 2.7 | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb    | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|-------|-----|------|-------|------|
| BRW108533 | Soil | 600691     | 7004689    | 07V      | 1.3 | 31.4  | 9.4   | 79  | 0.05 | 27.9  | 9    |
| BRW108534 | Soil | 600652     | 7004657    | 07V      | 1.3 | 53.9  | 6.5   | 107 | 0.05 | 44    | 14.3 |
| BRW108535 | Soil | 600613     | 7004625    | 07V      | 0.7 | 50.9  | 37.1  | 125 | 0.05 | 55.9  | 20.1 |
| BRW108536 | Soil | 600574     | 7004597    | 07V      | 2.1 | 93.4  | 27.6  | 184 | 0.05 | 52.4  | 24.5 |
| BRW108536 | REP  | 600574     | 7004597    | 07V      | 2.1 | 96.4  | 27.4  | 187 | 0.05 | 52.5  | 23.3 |
| BRW108537 | Soil | 600533     | 7004565    | 07V      | 0.1 | 26.2  | 7.8   | 120 | 0.05 | 75    | 27.4 |
| BRW108538 | Soil | 600493     | 7004534    | 07V      | 0.6 | 55.1  | 23    | 159 | 0.05 | 44.1  | 11.3 |
| BRW108540 | Soil | 600414     | 7004473    | 07V      | 1   | 35.1  | 10.7  | 294 | 0.05 | 83.6  | 13.1 |
| BRW108541 | Soil | 600375     | 7004443    | 07V      | 0.8 | 35    | 17.2  | 75  | 0.05 | 28.6  | 9.6  |
| BRW108542 | Soil | 600338     | 7004413    | 07V      | 0.2 | 45.5  | 16.9  | 114 | 0.05 | 64.8  | 13   |
| BRW108543 | Soil | 600299     | 7004383    | 07V      | 0.9 | 39.4  | 4.9   | 136 | 0.05 | 48    | 31.1 |
| BRW108544 | Soil | 600261     | 7004351    | 07V      | 1.5 | 34.3  | 12.6  | 96  | 0.05 | 24.7  | 9.1  |
| BRW108545 | Soil | 600220     | 7004319    | 07V      | 1.8 | 56    | 29.1  | 66  | 0.05 | 28.3  | 9.2  |
| BRW108546 | Soil | 600182     | 7004291    | 07V      | 4.7 | 90.8  | 13.7  | 60  | 0.1  | 22.2  | 10.8 |
| BRW108547 | Soil | 600141     | 7004261    | 07V      | 1.2 | 42.7  | 9.8   | 90  | 0.05 | 33.8  | 13.6 |
| BRW108548 | Soil | 600101     | 7004230    | 07V      | 1.9 | 41.1  | 10.5  | 76  | 0.05 | 31.9  | 12.9 |
| BRW108549 | Soil | 600063     | 7004198    | 07V      | 2.5 | 119.6 | 11.6  | 100 | 0.05 | 47.4  | 16.6 |
| BRW108550 | Soil | 600022     | 7004167    | 07V      | 2.2 | 52.2  | 15.9  | 56  | 0.05 | 29.2  | 9.3  |
| BRW108551 | Soil | 599983     | 7004135    | 07V      | 2.8 | 46.7  | 10    | 70  | 0.2  | 31.9  | 13.5 |
| BRW108552 | Soil | 599944     | 7004105    | 07V      | 3   | 69.3  | 10.3  | 66  | 0.2  | 36.9  | 13   |
| BRW108553 | Soil | 599905     | 7004073    | 07V      | 6.6 | 57.4  | 11.2  | 68  | 0.1  | 31.3  | 10.6 |
| BRW108554 | Soil | 599864     | 7004043    | 07V      | 1.9 | 23.4  | 6     | 92  | 0.05 | 19.2  | 11.9 |
| BRW108555 | Soil | 599825     | 7004012    | 07V      | 1.3 | 33.1  | 7.2   | 124 | 0.05 | 10.1  | 10.1 |
| BRW108556 | Soil | 599786     | 7003982    | 07V      | 1.3 | 41.1  | 8.6   | 89  | 0.1  | 37.6  | 11.2 |
| BRW108557 | Soil | 599745     | 7003951    | 07V      | 0.9 | 41.5  | 9.4   | 85  | 0.2  | 27.8  | 11.1 |
| BRW108558 | Soil | 599745     | 7003951    | 07V      | 0.8 | 36.5  | 9.7   | 74  | 0.2  | 25.8  | 10.8 |
| BRW108561 | Soil | 599606     | 7003968    | 07V      | 2.1 | 53.3  | 15.3  | 110 | 0.1  | 52.5  | 17.5 |
| BRW108753 | Soil | 600066     | 7004838    | 07V      | 1.6 | 49.7  | 19    | 99  | 0.4  | 37.7  | 12.7 |
| BRW108754 | Soil | 600027     | 7004806    | 07V      | 1.2 | 40.8  | 18    | 139 | 0.1  | 26.1  | 14.7 |
| BRW108754 | REP  | 600027     | 7004806    | 07V      | 1   | 40.6  | 17.2  | 139 | 0.1  | 25    | 14.3 |
| BRW108757 | Soil | 599910     | 7004713    | 07V      | 1.9 | 24.2  | 19.4  | 24  | 0.3  | 8.5   | 2.3  |
| BRW108759 | Soil | 599830     | 7004651    | 07V      | 1.4 | 24.6  | 8.4   | 65  | 0.4  | 20    | 7.8  |
| BRW108761 | Soil | 599750     | 7004590    | 07V      | 3   | 57.1  | 15.3  | 48  | 0.3  | 23.5  | 6.4  |
| BRW108771 | Soil | 599398     | 7004312    | 07V      | 0.7 | 32    | 5.1   | 104 | 0.05 | 24.7  | 27.1 |
| BRW108961 | Soil | 600666     | 7005051    | 07V      | 1.3 | 49.3  | 16.5  | 131 | 0.05 | 35.7  | 12.8 |
| BRW108962 | Soil | 600627     | 7005019    | 07V      | 1.2 | 44    | 22.5  | 99  | 0.05 | 45.1  | 13.2 |
| BRW108963 | Soil | 600587     | 7004988    | 07V      | 1.4 | 18.5  | 15.3  | 49  | 0.5  | 21.5  | 9.9  |
| BRW108964 | Soil | 600547     | 7004956    | 07V      | 1.4 | 49.1  | 61.3  | 294 | 0.1  | 35.5  | 15.8 |
| BRW108965 | Soil | 600508     | 7004927    | 07V      | 1.5 | 19.6  | 12    | 33  | 0.2  | 13.8  | 7.9  |
| BRW108966 | Soil | 600469     | 7004893    | 07V      | 1.1 | 35.9  | 14    | 100 | 0.05 | 34.6  | 11.7 |
| BRW108967 | Soil | 600430     | 7004865    | 07V      | 1.4 | 31.2  | 8.3   | 78  | 0.05 | 31.1  | 9.3  |
| BRW108968 | Soil | 600391     | 7004832    | 07V      | 1.1 | 24.8  | 10.5  | 69  | 0.05 | 23    | 8.2  |
| BRW108969 | Soil | 600355     | 7004797    | 07V      | 1   | 21.2  | 10.8  | 44  | 0.1  | 19.6  | 8.1  |
| BRW108970 | Soil | 600316     | 7004768    | 07V      | 1.1 | 19.1  | 10.4  | 66  | 0.2  | 22.9  | 8    |
| BRW108971 | Soil | 600316     | 7004768    | 07V      | 1.1 | 19.1  | 10.2  | 64  | 0.2  | 22.7  | 7.8  |
| BRW108972 | Soil | 600272     | 7004741    | 07V      | 2   | 41.1  | 15.8  | 109 | 0.1  | 43.7  | 15.3 |
| BRW108973 | Soil | 600233     | 7004710    | 07V      | 1   | 31.4  | 10.6  | 73  | 0.2  | 31.2  | 15.8 |
| BRW108974 | Soil | 600194     | 7004680    | 07V      | 0.9 | 59    | 43.2  | 196 | 0.2  | 25.9  | 13.2 |
| BRW108974 | REP  | 600194     | 7004680    | 07V      | 0.8 | 59.8  | 43.4  | 194 | 0.2  | 27.7  | 13.4 |
| BRW108975 | Soil | 600155     | 7004648    | 07V      | 1.4 | 44.9  | 45.3  | 399 | 0.4  | 133.3 | 30.1 |
| BRW108976 | Soil | 600116     | 7004619    | 07V      | 2.6 | 29.8  | 143.1 | 62  | 0.2  | 17.2  | 8.2  |
| BRW108977 | Soil | 600075     | 7004587    | 07V      | 1.7 | 24.7  | 15.4  | 58  | 0.1  | 19.1  | 8.1  |
| BRW108978 | Soil | 600035     | 7004557    | 07V      | 1.6 | 20.8  | 14.3  | 58  | 0.1  | 16.3  | 8.8  |
| BRW108979 | Soil | 599996     | 7004526    | 07V      | 1.9 | 38.5  | 17.9  | 62  | 0.1  | 21.9  | 10.3 |
| BRW108980 | Soil | 599956     | 7004497    | 07V      | 1.4 | 21.2  | 13.1  | 35  | 0.2  | 10.2  | 4.9  |
| BRW108981 | Soil | 599917     | 7004466    | 07V      | 2.3 | 71.1  | 14.6  | 132 | 0.2  | 65.6  | 21.2 |
| BRW108982 | Soil | 599876     | 7004432    | 07V      | 2   | 50.5  | 12    | 57  | 0.05 | 24.1  | 10.7 |
| BRW108983 | Soil | 599837     | 7004402    | 07V      | 2.7 | 50.4  | 30.5  | 63  | 0.2  | 22.8  | 10.2 |
| BRW108984 | Soil | 600708     | 7004829    | 07V      | 1.3 | 31.2  | 9.7   | 94  | 0.05 | 32.2  | 11.2 |
| BRW108985 | Soil | 600667     | 7004798    | 07V      | 1.1 | 44.5  | 12.8  | 114 | 0.05 | 43.8  | 12.6 |
| BRW108986 | Soil | 600627     | 7004767    | 07V      | 0.9 | 29.2  | 6.2   | 41  | 0.05 | 21.5  | 10.2 |
| BRW108987 | Soil | 600590     | 7004737    | 07V      | 0.7 | 23.7  | 9.1   | 37  | 0.05 | 17.5  | 4.9  |
| BRW108988 | Soil | 600551     | 7004706    | 07V      | 0.7 | 25.1  | 7.8   | 45  | 0.1  | 22.6  | 8.2  |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|------|------|----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW108533 | 279  | 3.2  | 6     | 1.4 | 1.4  | 8.2  | 16 | 0.05 | 0.7  | 0.3  | 47  | 0.11 | 0.046 | 23 | 28  | 0.26 | 175 |
| BRW108534 | 530  | 4.19 | 3.1   | 3.9 | 4.4  | 15.2 | 16 | 0.1  | 0.5  | 0.3  | 43  | 0.1  | 0.069 | 39 | 26  | 0.37 | 281 |
| BRW108535 | 677  | 5.03 | 33.9  | 2.9 | 3.9  | 16.5 | 21 | 0.05 | 1.4  | 0.3  | 48  | 0.17 | 0.04  | 31 | 48  | 0.55 | 294 |
| BRW108536 | 677  | 5.04 | 3.6   | 3.4 | 3.6  | 11.7 | 16 | 0.2  | 0.4  | 0.4  | 97  | 0.22 | 0.1   | 36 | 55  | 0.85 | 502 |
| BRW108536 | 640  | 4.91 | 3.5   | 3.4 | 2.5  | 11.9 | 16 | 0.2  | 0.4  | 0.4  | 99  | 0.22 | 0.103 | 36 | 52  | 0.83 | 513 |
| BRW108537 | 451  | 4.56 | 1.4   | 0.6 | 3    | 2.4  | 44 | 0.05 | 0.05 | 0.1  | 119 | 0.81 | 0.113 | 13 | 148 | 2.59 | 883 |
| BRW108538 | 344  | 4.54 | 1.6   | 1.8 | 10.8 | 18.8 | 20 | 0.05 | 0.1  | 0.5  | 106 | 0.29 | 0.086 | 43 | 65  | 0.91 | 673 |
| BRW108540 | 380  | 3.77 | 93.2  | 1.9 | 3.9  | 9    | 17 | 1.5  | 2.4  | 0.2  | 46  | 0.12 | 0.041 | 23 | 17  | 0.16 | 183 |
| BRW108541 | 390  | 2.6  | 23.6  | 2.3 | 4.2  | 14.1 | 14 | 0.2  | 1.4  | 0.2  | 46  | 0.14 | 0.025 | 41 | 32  | 0.24 | 240 |
| BRW108542 | 309  | 3.77 | 28.7  | 1   | 1    | 12.3 | 9  | 0.2  | 0.7  | 0.2  | 104 | 0.42 | 0.084 | 35 | 89  | 1.37 | 319 |
| BRW108543 | 723  | 7.52 | 5.6   | 0.8 | 3    | 2.5  | 19 | 0.2  | 0.2  | 0.05 | 151 | 0.53 | 0.144 | 15 | 28  | 1.89 | 639 |
| BRW108544 | 335  | 3.47 | 72.2  | 1.1 | 1    | 6.3  | 17 | 0.1  | 1.2  | 0.2  | 65  | 0.06 | 0.054 | 16 | 52  | 0.6  | 190 |
| BRW108545 | 461  | 2.33 | 49.4  | 1.4 | 9.1  | 4.2  | 21 | 0.2  | 2.2  | 0.2  | 50  | 0.13 | 0.028 | 14 | 29  | 0.23 | 281 |
| BRW108546 | 313  | 3    | 12.6  | 2.4 | 2.3  | 11.3 | 21 | 0.05 | 3.2  | 0.2  | 91  | 0.12 | 0.038 | 29 | 45  | 0.47 | 234 |
| BRW108547 | 437  | 3.07 | 10.3  | 1.5 | 4.7  | 10.2 | 21 | 0.05 | 1    | 0.1  | 53  | 0.2  | 0.014 | 24 | 38  | 0.69 | 262 |
| BRW108548 | 365  | 3.31 | 24.2  | 1.1 | 0.25 | 11   | 22 | 0.1  | 1.1  | 0.2  | 77  | 0.21 | 0.025 | 16 | 43  | 0.64 | 221 |
| BRW108549 | 477  | 3.59 | 16.3  | 1.9 | 2.9  | 14.8 | 21 | 0.1  | 1.8  | 0.1  | 81  | 0.14 | 0.055 | 28 | 52  | 0.81 | 207 |
| BRW108550 | 352  | 2.33 | 33.7  | 1.2 | 1.8  | 17.9 | 32 | 0.1  | 3.2  | 0.1  | 46  | 0.19 | 0.037 | 25 | 24  | 0.24 | 172 |
| BRW108551 | 812  | 2.5  | 30.6  | 1.3 | 16.3 | 3.8  | 28 | 0.2  | 0.8  | 0.1  | 45  | 0.3  | 0.08  | 12 | 29  | 0.28 | 183 |
| BRW108552 | 477  | 2.99 | 20.6  | 0.8 | 14.4 | 4.7  | 50 | 0.05 | 1    | 0.2  | 65  | 1.11 | 0.035 | 18 | 36  | 0.61 | 248 |
| BRW108553 | 618  | 2.97 | 36.9  | 2   | 2.5  | 10.3 | 31 | 0.2  | 0.9  | 0.1  | 48  | 0.21 | 0.055 | 21 | 50  | 0.18 | 189 |
| BRW108554 | 422  | 4.48 | 7.6   | 0.6 | 0.25 | 5.2  | 19 | 0.1  | 0.2  | 0.05 | 70  | 0.43 | 0.102 | 18 | 29  | 0.89 | 187 |
| BRW108555 | 592  | 6.23 | 7.1   | 1.2 | 0.7  | 12.6 | 19 | 0.05 | 0.3  | 0.05 | 40  | 0.29 | 0.043 | 27 | 11  | 1.16 | 440 |
| BRW108556 | 296  | 3.66 | 10.7  | 0.8 | 0.9  | 16.1 | 18 | 0.05 | 0.5  | 0.05 | 64  | 0.29 | 0.04  | 53 | 39  | 0.71 | 294 |
| BRW108557 | 476  | 3.97 | 9.1   | 0.7 | 2.5  | 10.7 | 71 | 0.1  | 0.5  | 0.1  | 64  | 3.17 | 0.052 | 46 | 34  | 1.22 | 377 |
| BRW108558 | 425  | 3.52 | 7.9   | 0.6 | 3.3  | 10.2 | 67 | 0.05 | 0.6  | 0.1  | 56  | 2.7  | 0.044 | 41 | 31  | 1.03 | 364 |
| BRW108561 | 446  | 4.87 | 8.2   | 1.4 | 1.5  | 27.8 | 29 | 0.1  | 0.4  | 0.1  | 117 | 0.34 | 0.018 | 73 | 76  | 1.08 | 302 |
| BRW108753 | 505  | 3.29 | 6.4   | 3.8 | 9.9  | 10.8 | 31 | 0.3  | 1.3  | 0.3  | 50  | 1.09 | 0.081 | 40 | 33  | 0.47 | 434 |
| BRW108754 | 766  | 4.88 | 16.7  | 1.8 | 4.9  | 5.7  | 18 | 0.1  | 2.2  | 0.3  | 86  | 0.46 | 0.108 | 19 | 53  | 0.94 | 534 |
| BRW108754 | 764  | 4.82 | 16.8  | 1.9 | 3.7  | 5.6  | 17 | 0.2  | 2    | 0.3  | 83  | 0.43 | 0.105 | 18 | 51  | 0.94 | 535 |
| BRW108757 | 89   | 2.1  | 263.6 | 1.6 | 3.9  | 6.4  | 31 | 0.1  | 3.9  | 0.2  | 33  | 0.1  | 0.082 | 16 | 25  | 0.12 | 608 |
| BRW108759 | 505  | 1.82 | 12.6  | 0.9 | 4.7  | 1.2  | 19 | 0.2  | 0.7  | 0.05 | 30  | 0.19 | 0.079 | 10 | 19  | 0.23 | 271 |
| BRW108761 | 231  | 2.09 | 34.5  | 1.6 | 4.1  | 3    | 59 | 0.1  | 1.2  | 0.2  | 35  | 0.11 | 0.062 | 13 | 19  | 0.08 | 210 |
| BRW108771 | 585  | 5.01 | 2.7   | 0.6 | 0.25 | 3.5  | 24 | 0.05 | 0.1  | 0.05 | 96  | 0.88 | 0.252 | 18 | 34  | 2.03 | 426 |
| BRW108961 | 287  | 4.05 | 7.4   | 3.2 | 6    | 12.8 | 21 | 0.05 | 0.6  | 0.3  | 49  | 0.13 | 0.048 | 31 | 34  | 0.41 | 173 |
| BRW108962 | 375  | 4.44 | 8.8   | 3.1 | 4.4  | 12.9 | 17 | 0.1  | 0.6  | 0.4  | 51  | 0.16 | 0.031 | 33 | 46  | 0.6  | 170 |
| BRW108963 | 266  | 2.73 | 8.4   | 1.9 | 4.8  | 4.8  | 15 | 0.05 | 0.6  | 1.1  | 53  | 0.14 | 0.026 | 13 | 32  | 0.36 | 177 |
| BRW108964 | 1091 | 5.45 | 14.3  | 3.4 | 8.3  | 12.2 | 25 | 0.2  | 0.8  | 0.5  | 39  | 0.17 | 0.049 | 30 | 22  | 0.26 | 213 |
| BRW108965 | 350  | 2.23 | 9.6   | 1.5 | 1.5  | 3.9  | 21 | 0.05 | 0.5  | 0.3  | 49  | 0.16 | 0.032 | 16 | 21  | 0.21 | 172 |
| BRW108966 | 209  | 3.55 | 8.4   | 2.1 | 2.3  | 10.6 | 17 | 0.05 | 0.6  | 0.2  | 56  | 0.13 | 0.034 | 28 | 38  | 0.45 | 189 |
| BRW108967 | 282  | 3.36 | 5.8   | 2.3 | 3.8  | 9    | 14 | 0.05 | 0.5  | 0.2  | 43  | 0.16 | 0.072 | 27 | 27  | 0.37 | 201 |
| BRW108968 | 226  | 2.82 | 5.1   | 1.4 | 3.9  | 7.4  | 19 | 0.05 | 0.7  | 0.2  | 48  | 0.15 | 0.046 | 22 | 27  | 0.35 | 195 |
| BRW108969 | 232  | 2.46 | 14.9  | 1.4 | 3.5  | 4.8  | 23 | 0.05 | 0.9  | 0.2  | 49  | 0.17 | 0.018 | 12 | 26  | 0.35 | 217 |
| BRW108970 | 249  | 2.81 | 6.3   | 0.7 | 2    | 4.9  | 15 | 0.05 | 0.5  | 0.2  | 58  | 0.2  | 0.039 | 14 | 33  | 0.47 | 246 |
| BRW108971 | 255  | 2.73 | 6.1   | 0.8 | 3.7  | 4.7  | 15 | 0.2  | 0.4  | 0.2  | 57  | 0.21 | 0.037 | 14 | 31  | 0.46 | 249 |
| BRW108972 | 596  | 4.2  | 6.1   | 2   | 4.7  | 9.5  | 20 | 0.2  | 0.6  | 0.3  | 90  | 0.37 | 0.114 | 24 | 61  | 0.78 | 398 |
| BRW108973 | 395  | 3.8  | 7     | 1.4 | 2.1  | 5.1  | 25 | 0.2  | 0.4  | 0.2  | 82  | 0.5  | 0.082 | 18 | 59  | 0.8  | 503 |
| BRW108974 | 477  | 4.27 | 56.7  | 1.5 | 3.5  | 4.2  | 24 | 0.6  | 2    | 0.3  | 57  | 1.5  | 0.114 | 20 | 29  | 0.94 | 309 |
| BRW108974 | 483  | 4.37 | 57.9  | 1.5 | 6    | 4.3  | 25 | 0.6  | 2.1  | 0.3  | 57  | 1.54 | 0.12  | 19 | 30  | 0.95 | 304 |
| BRW108975 | 2075 | 5.58 | 174.2 | 1.6 | 7.1  | 6    | 51 | 1.6  | 4.3  | 0.3  | 66  | 0.78 | 0.218 | 26 | 40  | 0.4  | 494 |
| BRW108976 | 331  | 2.26 | 149.5 | 1.4 | 3.4  | 4.3  | 20 | 0.3  | 3.2  | 0.2  | 52  | 0.13 | 0.065 | 15 | 31  | 0.29 | 209 |
| BRW108977 | 302  | 2.34 | 35.7  | 0.9 | 2.4  | 4    | 23 | 0.1  | 1    | 0.1  | 54  | 0.21 | 0.039 | 13 | 32  | 0.4  | 249 |
| BRW108978 | 568  | 2.35 | 30.6  | 0.9 | 2.6  | 3.1  | 26 | 0.2  | 0.9  | 0.2  | 55  | 0.25 | 0.081 | 11 | 28  | 0.36 | 260 |
| BRW108979 | 502  | 2.47 | 29    | 1.6 | 7.6  | 6.6  | 31 | 0.1  | 1.5  | 0.2  | 58  | 0.3  | 0.055 | 19 | 32  | 0.4  | 372 |
| BRW108980 | 167  | 1.58 | 13    | 0.6 | 2.7  | 2.7  | 12 | 0.2  | 0.7  | 0.1  | 36  | 0.1  | 0.027 | 7  | 16  | 0.17 | 149 |
| BRW108981 | 1205 | 4.13 | 70.5  | 1.9 | 4.7  | 12.6 | 39 | 0.3  | 3.9  | 0.1  | 53  | 0.11 | 0.069 | 25 | 45  | 0.18 | 178 |
| BRW108982 | 311  | 2.85 | 15.1  | 2.5 | 5.2  | 6.8  | 29 | 0.05 | 0.9  | 0.2  | 62  | 0.23 | 0.025 | 18 | 42  | 0.44 | 337 |
| BRW108983 | 465  | 2.45 | 68.7  | 1.9 | 8.5  | 5.9  | 29 | 0.3  | 2.3  | 0.1  | 52  | 0.19 | 0.057 | 14 | 25  | 0.28 | 229 |
| BRW108984 | 243  | 4.08 | 8.4   | 1.9 | 1.8  | 10   | 15 | 0.05 | 1    | 0.2  | 48  | 0.12 | 0.03  | 26 | 31  | 0.33 | 152 |
| BRW108985 | 319  | 4.09 | 19    | 4   | 5.5  | 13.3 | 16 | 0.05 | 0.8  | 0.4  | 37  | 0.08 | 0.034 | 35 | 26  | 0.17 | 126 |
| BRW108986 | 130  | 2.27 | 5.1   | 1.5 | 1.3  | 9.4  | 30 | 0.05 | 0.9  | 0.2  | 33  | 0.06 | 0.033 | 25 | 20  | 0.11 | 172 |
| BRW108987 | 98   | 1.89 | 3.1   | 2.2 | 5.4  | 7    | 17 | 0.05 | 0.5  | 0.5  | 24  | 0.11 | 0.021 | 19 | 15  | 0.21 | 145 |
| BRW108988 | 199  | 2.66 | 6.5   | 1   | 3    | 5.2  | 15 | 0.05 | 0.6  | 0.2  | 50  | 0.15 | 0.02  | 15 | 30  | 0.42 | 210 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW108533 | 0.043 | 2   | 1.1  | 0.007 | 0.14 | 0.05 | 0.02  | 3.6  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108534 | 0.055 | 1   | 1.33 | 0.007 | 0.41 | 0.05 | 0.05  | 6.9  | 0.4  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000120 |
| BRW108535 | 0.079 | 2   | 1.62 | 0.006 | 0.56 | 0.05 | 0.11  | 8.3  | 0.6  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108536 | 0.204 | 1   | 2.06 | 0.008 | 1.41 | 0.05 | 0.02  | 6.5  | 0.9  | 0.025 | 8  | 1.3  | 1DX15  | WHI10000120 |
| BRW108536 | 0.203 | 2   | 2.1  | 0.009 | 1.32 | 0.05 | 0.02  | 6.3  | 0.8  | 0.025 | 8  | 1.3  | 1DX15  | WHI10000120 |
| BRW108537 | 0.358 | 0.5 | 4.99 | 0.058 | 1.97 | 0.05 | 0.005 | 10.5 | 0.8  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000120 |
| BRW108538 | 0.242 | 1   | 2.34 | 0.013 | 1.56 | 0.05 | 0.03  | 4.8  | 0.9  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000120 |
| BRW108540 | 0.017 | 2   | 0.61 | 0.001 | 0.1  | 0.05 | 0.16  | 8    | 0.3  | 0.025 | 2  | 0.25 | 1DX15  | WHI10000120 |
| BRW108541 | 0.022 | 2   | 1.22 | 0.005 | 0.06 | 0.05 | 0.11  | 7.5  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108542 | 0.244 | 2   | 2.21 | 0.009 | 1.21 | 0.05 | 0.06  | 5.8  | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW108543 | 0.253 | 1   | 3.15 | 0.01  | 1.63 | 0.05 | 0.03  | 9.9  | 0.7  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000120 |
| BRW108544 | 0.089 | 1   | 1.5  | 0.006 | 0.43 | 0.05 | 0.01  | 2.8  | 0.5  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108545 | 0.043 | 0.5 | 1.19 | 0.007 | 0.06 | 0.05 | 0.07  | 4.9  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108546 | 0.076 | 2   | 1.35 | 0.005 | 0.15 | 0.05 | 0.02  | 4.6  | 0.2  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000120 |
| BRW108547 | 0.132 | 0.5 | 1.77 | 0.01  | 0.53 | 0.05 | 0.02  | 6.1  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108548 | 0.097 | 1   | 2.16 | 0.011 | 0.16 | 0.05 | 0.01  | 4.9  | 0.1  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000120 |
| BRW108549 | 0.108 | 1   | 2.1  | 0.008 | 0.32 | 0.05 | 0.02  | 6.4  | 0.4  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000120 |
| BRW108550 | 0.03  | 2   | 0.93 | 0.007 | 0.11 | 0.05 | 0.01  | 4.8  | 0.1  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000120 |
| BRW108551 | 0.028 | 0.5 | 1.02 | 0.009 | 0.11 | 0.05 | 0.02  | 4.4  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108552 | 0.079 | 2   | 1.47 | 0.028 | 0.1  | 0.1  | 0.07  | 6    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108553 | 0.016 | 1   | 0.85 | 0.005 | 0.13 | 0.05 | 0.03  | 6.4  | 0.2  | 0.025 | 2  | 1.2  | 1DX15  | WHI10000120 |
| BRW108554 | 0.237 | 0.5 | 2.42 | 0.014 | 1.23 | 0.05 | 0.01  | 6.6  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW108555 | 0.245 | 1   | 2.95 | 0.008 | 1.29 | 0.05 | 0.01  | 16.5 | 0.5  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000120 |
| BRW108556 | 0.14  | 1   | 2.04 | 0.012 | 0.72 | 0.05 | 0.01  | 4.5  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108557 | 0.191 | 3   | 2.32 | 0.031 | 0.76 | 0.1  | 0.03  | 6.7  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW108558 | 0.173 | 2   | 1.89 | 0.022 | 0.65 | 0.1  | 0.04  | 5.4  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000120 |
| BRW108561 | 0.246 | 1   | 2.58 | 0.013 | 1.05 | 0.05 | 0.02  | 8    | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW108753 | 0.073 | 4   | 1.28 | 0.01  | 0.48 | 0.05 | 0.1   | 5.6  | 0.3  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000120 |
| BRW108754 | 0.094 | 2   | 1.83 | 0.009 | 0.8  | 0.1  | 0.08  | 14.5 | 0.5  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000120 |
| BRW108754 | 0.093 | 3   | 1.89 | 0.011 | 0.76 | 0.1  | 0.08  | 14.2 | 0.5  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000120 |
| BRW108757 | 0.009 | 2   | 0.77 | 0.006 | 0.16 | 0.05 | 0.05  | 4.9  | 0.3  | 0.16  | 2  | 0.25 | 1DX15  | WHI10000120 |
| BRW108759 | 0.031 | 1   | 0.82 | 0.016 | 0.07 | 0.05 | 0.08  | 2.5  | 0.2  | 0.025 | 3  | 0.9  | 1DX15  | WHI10000120 |
| BRW108761 | 0.004 | 0.5 | 0.66 | 0.005 | 0.07 | 0.05 | 0.06  | 2.4  | 0.2  | 0.025 | 2  | 1    | 1DX15  | WHI10000120 |
| BRW108771 | 0.209 | 0.5 | 3.27 | 0.011 | 1.49 | 0.05 | 0.005 | 5.7  | 0.7  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000120 |
| BRW108961 | 0.067 | 0.5 | 1.3  | 0.005 | 0.41 | 0.1  | 0.02  | 7.1  | 0.3  | 0.06  | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108962 | 0.112 | 1   | 1.84 | 0.008 | 0.5  | 0.05 | 0.005 | 4    | 0.5  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108963 | 0.045 | 2   | 1.74 | 0.01  | 0.08 | 0.05 | 0.02  | 2.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108964 | 0.007 | 2   | 1.07 | 0.004 | 0.26 | 0.05 | 0.06  | 9.7  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108965 | 0.05  | 1   | 1.13 | 0.007 | 0.09 | 0.1  | 0.02  | 2.4  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108966 | 0.076 | 2   | 1.46 | 0.006 | 0.23 | 0.05 | 0.02  | 5    | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108967 | 0.053 | 2   | 1.3  | 0.006 | 0.23 | 0.1  | 0.02  | 3.9  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108968 | 0.059 | 1   | 1.25 | 0.007 | 0.17 | 0.05 | 0.04  | 3.8  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108969 | 0.066 | 1   | 1.22 | 0.011 | 0.06 | 0.05 | 0.04  | 3.9  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108970 | 0.112 | 0.5 | 1.66 | 0.011 | 0.31 | 0.05 | 0.02  | 2.5  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108971 | 0.107 | 1   | 1.55 | 0.012 | 0.3  | 0.05 | 0.02  | 2.4  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108972 | 0.161 | 2   | 2.08 | 0.011 | 0.64 | 0.2  | 0.02  | 5.9  | 0.5  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000120 |
| BRW108973 | 0.124 | 1   | 1.92 | 0.02  | 0.45 | 0.05 | 0.03  | 7.7  | 0.2  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000120 |
| BRW108974 | 0.084 | 3   | 1.53 | 0.013 | 0.32 | 0.2  | 0.24  | 6.4  | 0.5  | 0.06  | 5  | 0.8  | 1DX15  | WHI10000120 |
| BRW108974 | 0.085 | 3   | 1.54 | 0.013 | 0.34 | 0.2  | 0.25  | 6.6  | 0.5  | 0.06  | 6  | 0.8  | 1DX15  | WHI10000120 |
| BRW108975 | 0.023 | 5   | 1.33 | 0.008 | 0.2  | 0.2  | 0.42  | 11.1 | 1    | 0.025 | 6  | 1    | 1DX15  | WHI10000120 |
| BRW108976 | 0.064 | 2   | 1.19 | 0.01  | 0.1  | 0.1  | 0.03  | 2.8  | 0.2  | 0.025 | 5  | 1.2  | 1DX15  | WHI10000120 |
| BRW108977 | 0.076 | 0.5 | 1.46 | 0.011 | 0.06 | 0.1  | 0.02  | 3    | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000120 |
| BRW108978 | 0.064 | 2   | 1.52 | 0.01  | 0.08 | 0.1  | 0.03  | 2.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108979 | 0.079 | 1   | 1.44 | 0.014 | 0.11 | 0.05 | 0.02  | 4.3  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108980 | 0.055 | 0.5 | 0.87 | 0.013 | 0.06 | 0.05 | 0.02  | 2    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108981 | 0.012 | 0.5 | 0.76 | 0.004 | 0.1  | 0.05 | 0.03  | 6.7  | 0.3  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000120 |
| BRW108982 | 0.072 | 0.5 | 1.83 | 0.012 | 0.07 | 0.2  | 0.03  | 5.9  | 0.1  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000120 |
| BRW108983 | 0.055 | 1   | 0.96 | 0.008 | 0.07 | 0.1  | 0.03  | 4.1  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108984 | 0.037 | 0.5 | 1.38 | 0.008 | 0.1  | 0.05 | 0.01  | 5.2  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108985 | 0.015 | 1   | 0.9  | 0.004 | 0.08 | 0.05 | 0.04  | 6.8  | 0.1  | 0.025 | 3  | 1.2  | 1DX15  | WHI10000120 |
| BRW108986 | 0.01  | 0.5 | 0.81 | 0.006 | 0.08 | 0.05 | 0.05  | 4.7  | 0.05 | 0.025 | 3  | 0.6  | 1DX15  | WHI10000120 |
| BRW108987 | 0.029 | 0.5 | 0.95 | 0.007 | 0.17 | 0.05 | 0.04  | 3.1  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108988 | 0.058 | 1   | 1.48 | 0.011 | 0.09 | 0.1  | 0.01  | 4    | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|-------|------|
| BRW108989 | Soil | 600512     | 7004677    | 07V      | 1   | 20.1 | 11.5 | 47  | 0.1  | 26.2  | 9.7  |
| BRW108990 | Soil | 600747     | 7004861    | 07V      | 0.7 | 35.2 | 18   | 81  | 0.05 | 205.7 | 18.8 |
| BRW108991 | Soil | 600787     | 7004891    | 07V      | 0.7 | 25.6 | 12.9 | 80  | 0.05 | 22.9  | 7.5  |
| BRW108992 | Soil | 600471     | 7004645    | 07V      | 1   | 16.8 | 9.6  | 49  | 0.1  | 17.7  | 7.3  |
| BRW108994 | Soil | 600394     | 7004582    | 07V      | 1.7 | 36.5 | 11.2 | 85  | 0.05 | 33    | 10.6 |
| BRW108995 | Soil | 600353     | 7004552    | 07V      | 3.5 | 34   | 16.3 | 75  | 0.05 | 22.4  | 8.4  |
| BRW108996 | Soil | 600312     | 7004521    | 07V      | 1.1 | 37.4 | 12.4 | 105 | 0.05 | 35.3  | 9.6  |
| BRW108998 | Soil | 600236     | 7004462    | 07V      | 0.9 | 27.4 | 10.3 | 70  | 0.05 | 19.3  | 5.4  |
| BRW108999 | Soil | 600193     | 7004431    | 07V      | 1.8 | 24.2 | 12.5 | 52  | 0.1  | 16    | 10.1 |
| BRW109000 | Soil | 600154     | 7004400    | 07V      | 1.2 | 32.7 | 10.7 | 50  | 0.05 | 20.7  | 7.9  |
| BRW113500 | Soil | 600077     | 7004337    | 07V      | 1.4 | 39.8 | 12.1 | 57  | 0.1  | 23.8  | 10.2 |
| BRW113501 | Soil | 600118     | 7004370    | 07V      | 1.4 | 31.8 | 18.8 | 41  | 0.05 | 14.3  | 5.7  |
| BRW113502 | Soil | 600036     | 7004305    | 07V      | 2.1 | 57.3 | 16.4 | 83  | 0.05 | 26.6  | 11.1 |
| BRW113503 | Soil | 599998     | 7004273    | 07V      | 2.8 | 64.4 | 13.1 | 36  | 0.05 | 18.9  | 10.6 |
| BRW113504 | Soil | 599998     | 7004273    | 07V      | 3   | 64.6 | 13.8 | 38  | 0.1  | 17.9  | 10.9 |
| BRW113505 | Soil | 599960     | 7004242    | 07V      | 2   | 40.9 | 10.2 | 51  | 0.1  | 27.7  | 8    |
| BRW113506 | Soil | 599921     | 7004213    | 07V      | 1.1 | 38.2 | 6.1  | 93  | 0.05 | 45.2  | 12.7 |
| BRW113507 | Soil | 599879     | 7004179    | 07V      | 5.8 | 84.3 | 92.9 | 132 | 0.2  | 64.8  | 21.8 |
| BRW113508 | Soil | 599842     | 7004147    | 07V      | 1.9 | 18.6 | 7.8  | 97  | 0.05 | 11.9  | 10.9 |
| BRW113509 | Soil | 599802     | 7004118    | 07V      | 1.4 | 26.5 | 8.3  | 72  | 0.05 | 22    | 9.8  |
| BRW113509 | REP  | 599802     | 7004118    | 07V      | 1.4 | 27.2 | 8.2  | 72  | 0.05 | 22.7  | 9.9  |
| BRW113510 | Soil | 599764     | 7004088    | 07V      | 2.8 | 59.5 | 8.3  | 136 | 0.05 | 47.1  | 14.7 |
| BRW113511 | Soil | 599721     | 7004056    | 07V      | 1.9 | 19   | 9.3  | 86  | 0.1  | 23.4  | 12.4 |
| BRW113512 | Soil | 599684     | 7004023    | 07V      | 1.8 | 88.4 | 8    | 68  | 0.1  | 31.2  | 10.7 |
| BRW113513 | Soil | 599646     | 7003995    | 07V      | 1.3 | 68.7 | 11.7 | 87  | 0.1  | 38.7  | 14.6 |
| BRW90633  | Soil | 600712     | 7002550    | 07V      | 0.5 | 84.7 | 9.4  | 96  | 0.05 | 47.4  | 24.3 |
| BRW90634  | Soil | 600673     | 7002519    | 07V      | 0.5 | 66.5 | 4.4  | 34  | 0.05 | 44.5  | 18.4 |
| BRW90635  | Soil | 600634     | 7002489    | 07V      | 0.5 | 58.7 | 4.3  | 34  | 0.05 | 38.5  | 14.9 |
| BRW90639  | Soil | 600476     | 7002366    | 07V      | 0.2 | 47.9 | 3.4  | 45  | 0.05 | 20.7  | 18.1 |
| BRW100656 | Soil | 597956     | 7005347    | 07V      | 0.7 | 39.1 | 8.3  | 90  | 0.05 | 21.7  | 15.3 |
| BRW100660 | Soil | 598114     | 7005469    | 07V      | 0.7 | 32.9 | 10.7 | 114 | 0.05 | 12.9  | 23.7 |
| BRW100662 | Soil | 598193     | 7005530    | 07V      | 0.6 | 26.7 | 10.6 | 87  | 0.05 | 21    | 19.9 |
| BRW100669 | Soil | 596088     | 7004646    | 07V      | 0.5 | 25.8 | 7.6  | 60  | 0.05 | 19.2  | 9.4  |
| BRW100676 | Soil | 596367     | 7004863    | 07V      | 0.6 | 22.1 | 7.1  | 55  | 0.05 | 18.4  | 9.3  |
| BRW100678 | Soil | 596446     | 7004924    | 07V      | 0.3 | 30.8 | 7.4  | 63  | 0.05 | 21.3  | 10   |
| BRW100678 | REP  | 596446     | 7004924    | 07V      | 0.4 | 29.6 | 7.6  | 62  | 0.05 | 19.8  | 9.5  |
| BRW100680 | Soil | 596523     | 7004988    | 07V      | 0.8 | 29.6 | 7.1  | 61  | 0.05 | 23.7  | 10.6 |
| BRW100683 | Soil | 596642     | 7005079    | 07V      | 0.7 | 31.5 | 7.3  | 70  | 0.05 | 24.7  | 9.8  |
| BRW100684 | Soil | 596681     | 7005110    | 07V      | 0.8 | 31.3 | 8    | 91  | 0.05 | 22.3  | 9.8  |
| BRW100685 | Soil | 596594     | 7005297    | 07V      | 0.8 | 40.9 | 4.8  | 100 | 0.05 | 53.6  | 20.2 |
| BRW100686 | Soil | 596568     | 7005279    | 07V      | 0.4 | 41.7 | 4.5  | 66  | 0.05 | 42.4  | 26.9 |
| BRW100688 | Soil | 596490     | 7005217    | 07V      | 1.1 | 42.5 | 5.8  | 86  | 0.05 | 15.4  | 18.9 |
| BRW100758 | Soil | 597028     | 7004748    | 07V      | 1.2 | 16.6 | 11   | 49  | 0.05 | 13.9  | 8.1  |
| BRW100811 | Soil | 597069     | 7004774    | 07V      | 0.5 | 52.2 | 3.7  | 91  | 0.05 | 10.8  | 23.7 |
| BRW100814 | Soil | 597184     | 7004867    | 07V      | 0.5 | 25.1 | 1.6  | 28  | 0.05 | 7.8   | 9.4  |
| BRW100815 | Soil | 597224     | 7004900    | 07V      | 0.7 | 28.3 | 5.1  | 75  | 0.05 | 15.7  | 13.8 |
| BRW100828 | Soil | 597696     | 7005272    | 07V      | 3.6 | 30.7 | 11.1 | 70  | 0.1  | 26.8  | 11.4 |
| BRW100830 | Soil | 597773     | 7005336    | 07V      | 1.3 | 35.8 | 6.9  | 87  | 0.05 | 82    | 13.1 |
| BRW100834 | Soil | 597934     | 7005456    | 07V      | 0.8 | 58.4 | 7.5  | 87  | 0.1  | 20.4  | 13.7 |
| BRW100835 | Soil | 597971     | 7005486    | 07V      | 1   | 44.2 | 11   | 114 | 0.05 | 33.4  | 21.7 |
| BRW100837 | Soil | 598209     | 7005671    | 07V      | 0.8 | 21.4 | 10.1 | 78  | 0.05 | 27.3  | 12.8 |
| BRW100873 | Soil | 597686     | 7006020    | 07V      | 1.8 | 49.4 | 14   | 95  | 0.05 | 68.9  | 21.8 |
| BRW100921 | Soil | 597348     | 7006775    | 07V      | 3.1 | 46.2 | 16.3 | 90  | 0.1  | 30.2  | 11.7 |
| BRW100924 | Soil | 597224     | 7006679    | 07V      | 1.3 | 20.7 | 89.7 | 131 | 0.05 | 36.9  | 14.7 |
| BRW100925 | Soil | 597185     | 7006648    | 07V      | 2.5 | 47.1 | 6.2  | 44  | 0.05 | 17.2  | 11.8 |
| BRW100936 | Soil | 596758     | 7006313    | 07V      | 1.4 | 50.4 | 9.7  | 99  | 0.05 | 53    | 17   |
| BRW100941 | Soil | 596523     | 7006128    | 07V      | 8   | 70.8 | 25.5 | 116 | 0.2  | 95.8  | 27.8 |
| BRW100942 | Soil | 596483     | 7006097    | 07V      | 1.6 | 49.8 | 6.9  | 113 | 0.05 | 16.8  | 15.9 |
| BRW100944 | Soil | 596404     | 7006037    | 07V      | 1.5 | 43.2 | 19.8 | 158 | 0.05 | 66.4  | 25.8 |
| BRW100945 | Soil | 596364     | 7006005    | 07V      | 1.6 | 62.4 | 15.7 | 133 | 0.05 | 54.7  | 18.1 |
| BRW100946 | Soil | 596326     | 7005975    | 07V      | 1.7 | 35.8 | 12   | 88  | 0.05 | 36.3  | 11.9 |
| BRW100948 | Soil | 596247     | 7005913    | 07V      | 0.6 | 35   | 13.8 | 70  | 0.05 | 35.9  | 9.8  |
| BRW100950 | Soil | 596207     | 7005884    | 07V      | 0.6 | 36.3 | 24.8 | 56  | 0.05 | 34.7  | 13.8 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|------|------|----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW108989 | 217  | 2.78 | 10.8  | 0.7 | 1.7  | 4.1  | 17 | 0.1  | 0.7  | 0.2  | 55  | 0.13 | 0.022 | 9  | 33  | 0.39 | 230 |
| BRW108990 | 601  | 4.29 | 13.9  | 0.6 | 3.5  | 6    | 26 | 0.05 | 0.3  | 0.1  | 60  | 0.62 | 0.127 | 26 | 204 | 1.62 | 207 |
| BRW108991 | 300  | 2.68 | 10    | 0.7 | 4    | 8    | 24 | 0.1  | 0.6  | 0.2  | 44  | 0.34 | 0.059 | 28 | 30  | 0.45 | 187 |
| BRW108992 | 202  | 2.48 | 5.4   | 0.5 | 3.2  | 4.6  | 10 | 0.1  | 0.6  | 0.2  | 50  | 0.11 | 0.047 | 15 | 24  | 0.35 | 224 |
| BRW108994 | 287  | 3.39 | 6.6   | 2.6 | 4    | 10.3 | 21 | 0.1  | 0.6  | 0.2  | 64  | 0.24 | 0.073 | 30 | 38  | 0.45 | 346 |
| BRW108995 | 188  | 2.35 | 124.1 | 2.3 | 8.3  | 4.8  | 19 | 0.3  | 3.5  | 0.2  | 46  | 0.14 | 0.042 | 14 | 21  | 0.21 | 195 |
| BRW108996 | 119  | 2.91 | 30.8  | 1   | 1.3  | 5    | 13 | 0.2  | 0.9  | 0.2  | 83  | 0.1  | 0.042 | 15 | 45  | 0.52 | 180 |
| BRW108998 | 127  | 2.78 | 17.6  | 0.8 | 0.25 | 6.5  | 15 | 0.05 | 1    | 0.1  | 56  | 0.11 | 0.027 | 19 | 40  | 0.71 | 227 |
| BRW108999 | 312  | 2.76 | 24.8  | 0.6 | 0.9  | 2.7  | 14 | 0.1  | 0.8  | 0.2  | 71  | 0.13 | 0.038 | 9  | 33  | 0.36 | 169 |
| BRW109000 | 256  | 2.29 | 15.2  | 1.1 | 2.1  | 4.4  | 23 | 0.05 | 1    | 0.1  | 55  | 0.19 | 0.016 | 13 | 29  | 0.37 | 244 |
| BRW113500 | 252  | 2.71 | 12.6  | 0.9 | 3.5  | 7.2  | 18 | 0.05 | 0.9  | 0.1  | 64  | 0.16 | 0.018 | 14 | 37  | 0.48 | 222 |
| BRW113501 | 182  | 1.65 | 23.5  | 0.9 | 5.9  | 5.8  | 16 | 0.05 | 1.9  | 0.05 | 35  | 0.08 | 0.027 | 12 | 17  | 0.2  | 124 |
| BRW113502 | 585  | 2.88 | 20.8  | 1.5 | 4.4  | 20.1 | 19 | 0.05 | 1.8  | 0.2  | 61  | 0.13 | 0.028 | 28 | 43  | 0.53 | 224 |
| BRW113503 | 617  | 2.07 | 30.2  | 1.1 | 25.3 | 6    | 27 | 0.1  | 1.8  | 0.1  | 28  | 0.06 | 0.039 | 13 | 14  | 0.06 | 183 |
| BRW113504 | 600  | 2.07 | 32.2  | 1.1 | 29.6 | 6    | 25 | 0.2  | 1.8  | 0.1  | 29  | 0.07 | 0.041 | 12 | 14  | 0.08 | 180 |
| BRW113505 | 217  | 2.74 | 17.9  | 0.9 | 2.2  | 4.4  | 21 | 0.1  | 0.9  | 0.2  | 64  | 0.12 | 0.03  | 9  | 32  | 0.34 | 226 |
| BRW113506 | 312  | 3.28 | 8.6   | 2.2 | 1.1  | 13.9 | 17 | 0.1  | 0.5  | 0.05 | 36  | 0.18 | 0.034 | 31 | 25  | 0.37 | 191 |
| BRW113507 | 1190 | 5.32 | 248.9 | 1.6 | 1.7  | 13.1 | 36 | 0.2  | 7.9  | 0.2  | 89  | 0.22 | 0.053 | 20 | 57  | 0.31 | 252 |
| BRW113508 | 385  | 3.81 | 14.1  | 0.9 | 0.7  | 6.6  | 15 | 0.05 | 0.2  | 0.05 | 51  | 0.55 | 0.17  | 40 | 18  | 0.75 | 141 |
| BRW113509 | 287  | 3.32 | 8.2   | 0.8 | 1.4  | 5.2  | 17 | 0.05 | 0.4  | 0.1  | 59  | 0.22 | 0.043 | 13 | 32  | 0.71 | 196 |
| BRW113509 | 292  | 3.49 | 8.4   | 0.8 | 2.7  | 5.3  | 18 | 0.05 | 0.4  | 0.1  | 58  | 0.22 | 0.042 | 12 | 32  | 0.73 | 197 |
| BRW113510 | 465  | 5.77 | 5.3   | 1.6 | 0.25 | 22.6 | 17 | 0.05 | 0.3  | 0.05 | 95  | 0.27 | 0.083 | 69 | 60  | 1.14 | 470 |
| BRW113511 | 465  | 3.65 | 3.3   | 0.6 | 0.6  | 9.5  | 20 | 0.05 | 0.2  | 0.1  | 69  | 0.38 | 0.087 | 26 | 52  | 1.08 | 334 |
| BRW113512 | 174  | 4.1  | 4.3   | 1.5 | 6.9  | 14.3 | 22 | 0.05 | 0.3  | 0.05 | 46  | 0.16 | 0.035 | 36 | 41  | 0.54 | 140 |
| BRW113513 | 519  | 3.42 | 7.7   | 0.5 | 2.2  | 7.9  | 31 | 0.2  | 0.3  | 0.1  | 60  | 0.51 | 0.073 | 27 | 38  | 0.84 | 341 |
| BRW90633  | 1015 | 4.44 | 2.2   | 0.6 | 1.8  | 3.8  | 45 | 0.2  | 0.2  | 0.05 | 128 | 1.62 | 0.177 | 12 | 39  | 1.57 | 275 |
| BRW90634  | 281  | 2.26 | 3.4   | 0.5 | 2.2  | 2.3  | 29 | 0.1  | 0.2  | 0.05 | 72  | 0.77 | 0.087 | 7  | 30  | 0.84 | 144 |
| BRW90635  | 181  | 2.09 | 2.9   | 0.5 | 1.3  | 2.9  | 33 | 0.05 | 0.2  | 0.05 | 60  | 0.6  | 0.066 | 8  | 33  | 0.91 | 158 |
| BRW90639  | 272  | 3.39 | 1.4   | 0.9 | 0.5  | 2.9  | 48 | 0.05 | 0.05 | 0.05 | 118 | 1.95 | 0.546 | 10 | 22  | 1.43 | 256 |
| BRW100656 | 380  | 3.74 | 5.1   | 0.8 | 1.9  | 4.8  | 26 | 0.1  | 0.4  | 0.2  | 86  | 0.39 | 0.071 | 17 | 41  | 0.95 | 288 |
| BRW100660 | 913  | 7.04 | 2.3   | 0.6 | 0.7  | 5.8  | 16 | 0.1  | 0.1  | 0.05 | 169 | 0.76 | 0.234 | 15 | 19  | 1.87 | 503 |
| BRW100662 | 680  | 4.74 | 3.1   | 0.7 | 0.9  | 4.9  | 20 | 0.05 | 0.2  | 0.1  | 103 | 0.49 | 0.053 | 18 | 138 | 1.9  | 326 |
| BRW100669 | 277  | 2.42 | 6.9   | 0.9 | 2.7  | 2.9  | 32 | 0.3  | 0.4  | 0.1  | 65  | 0.47 | 0.062 | 14 | 31  | 0.58 | 292 |
| BRW100676 | 402  | 2.25 | 5.8   | 0.8 | 1.1  | 1.9  | 41 | 0.1  | 0.4  | 0.1  | 62  | 0.73 | 0.066 | 10 | 28  | 0.56 | 287 |
| BRW100678 | 279  | 2.18 | 4.7   | 0.7 | 2.1  | 2.7  | 37 | 0.2  | 0.5  | 0.1  | 58  | 0.66 | 0.061 | 11 | 32  | 0.64 | 263 |
| BRW100678 | 270  | 2.15 | 4.5   | 0.8 | 1.2  | 2.6  | 37 | 0.1  | 0.5  | 0.1  | 56  | 0.62 | 0.059 | 10 | 30  | 0.63 | 251 |
| BRW100680 | 256  | 2.48 | 8.5   | 0.8 | 10.1 | 3.3  | 38 | 0.2  | 0.6  | 0.2  | 61  | 0.59 | 0.08  | 13 | 30  | 0.61 | 221 |
| BRW100683 | 273  | 2.62 | 7.4   | 0.8 | 2.6  | 2.7  | 37 | 0.2  | 0.6  | 0.1  | 65  | 0.78 | 0.076 | 12 | 32  | 0.69 | 273 |
| BRW100684 | 228  | 2.58 | 7.5   | 0.8 | 1.4  | 3.1  | 40 | 0.2  | 0.6  | 0.2  | 61  | 0.69 | 0.075 | 12 | 30  | 0.68 | 214 |
| BRW100685 | 641  | 5.52 | 4.7   | 1.3 | 1.4  | 22.3 | 22 | 0.05 | 0.2  | 0.05 | 91  | 0.51 | 0.075 | 51 | 96  | 1.65 | 586 |
| BRW100686 | 556  | 3.92 | 5.7   | 0.3 | 0.8  | 3.8  | 29 | 0.05 | 0.2  | 0.05 | 91  | 1    | 0.089 | 9  | 122 | 1.84 | 222 |
| BRW100688 | 918  | 5.24 | 5.6   | 0.7 | 2.5  | 5.7  | 52 | 0.05 | 0.3  | 0.05 | 113 | 3.27 | 0.06  | 23 | 27  | 1.45 | 363 |
| BRW100758 | 444  | 3.06 | 10    | 0.3 | 2.3  | 2    | 14 | 0.05 | 2    | 0.1  | 56  | 0.18 | 0.037 | 5  | 22  | 0.29 | 311 |
| BRW100811 | 1024 | 5.4  | 2.7   | 0.8 | 1.9  | 5.7  | 42 | 0.05 | 0.8  | 0.05 | 108 | 0.73 | 0.085 | 24 | 17  | 2.03 | 185 |
| BRW100814 | 233  | 1.97 | 3.5   | 0.2 | 0.25 | 1    | 46 | 0.05 | 0.05 | 0.05 | 42  | 0.96 | 0.243 | 3  | 12  | 0.7  | 164 |
| BRW100815 | 565  | 5.55 | 34.3  | 0.9 | 0.6  | 8.9  | 18 | 0.05 | 0.1  | 0.05 | 59  | 0.84 | 0.201 | 24 | 20  | 1.57 | 572 |
| BRW100828 | 521  | 3    | 10.3  | 1.3 | 46.2 | 5.3  | 32 | 0.3  | 0.5  | 0.1  | 53  | 0.86 | 0.076 | 18 | 31  | 0.42 | 360 |
| BRW100830 | 585  | 3.31 | 3.9   | 0.7 | 2.3  | 8.1  | 21 | 0.2  | 0.1  | 0.05 | 74  | 1.37 | 0.272 | 25 | 106 | 2.71 | 295 |
| BRW100834 | 482  | 3.37 | 8.6   | 0.6 | 3.8  | 5.5  | 28 | 0.2  | 0.3  | 0.1  | 71  | 0.5  | 0.072 | 15 | 35  | 0.89 | 342 |
| BRW100835 | 556  | 5.6  | 7.9   | 0.6 | 1.6  | 13.2 | 20 | 0.1  | 0.2  | 0.05 | 103 | 0.64 | 0.12  | 50 | 86  | 1.59 | 634 |
| BRW100837 | 421  | 3.52 | 5.8   | 0.8 | 1.8  | 8.5  | 17 | 0.1  | 0.2  | 0.1  | 58  | 0.29 | 0.061 | 25 | 40  | 0.82 | 205 |
| BRW100873 | 615  | 4.84 | 34.5  | 1.1 | 2.3  | 10   | 21 | 0.05 | 0.3  | 0.1  | 102 | 0.43 | 0.065 | 38 | 217 | 1.5  | 454 |
| BRW100921 | 392  | 2.9  | 20.5  | 1.5 | 7.9  | 5    | 20 | 0.3  | 2.1  | 0.2  | 50  | 0.37 | 0.062 | 18 | 30  | 0.42 | 392 |
| BRW100924 | 653  | 4.42 | 13.7  | 2.7 | 1.9  | 51.8 | 20 | 0.05 | 1.3  | 0.1  | 46  | 0.51 | 0.097 | 97 | 49  | 1.08 | 319 |
| BRW100925 | 134  | 2.1  | 33.1  | 1.7 | 7.3  | 12.9 | 21 | 0.1  | 2.3  | 0.2  | 38  | 0.03 | 0.039 | 37 | 22  | 0.06 | 83  |
| BRW100936 | 581  | 4.15 | 2.2   | 0.9 | 0.8  | 35.4 | 15 | 0.05 | 0.1  | 0.05 | 76  | 0.27 | 0.059 | 78 | 57  | 0.5  | 192 |
| BRW100941 | 2218 | 6.63 | 125   | 1.1 | 3.6  | 31.1 | 23 | 0.1  | 0.5  | 0.05 | 97  | 0.58 | 0.2   | 59 | 74  | 0.41 | 529 |
| BRW100942 | 904  | 5.66 | 12.3  | 0.4 | 1.1  | 14.7 | 15 | 0.1  | 0.2  | 0.05 | 76  | 0.49 | 0.145 | 23 | 29  | 1.14 | 560 |
| BRW100944 | 895  | 5.43 | 12    | 0.9 | 3.2  | 9.1  | 27 | 0.3  | 0.6  | 0.05 | 81  | 0.51 | 0.073 | 24 | 61  | 1.03 | 522 |
| BRW100945 | 685  | 5.06 | 8     | 1   | 4.5  | 12.8 | 28 | 0.1  | 0.5  | 0.05 | 75  | 0.39 | 0.067 | 29 | 43  | 0.66 | 585 |
| BRW100946 | 319  | 3.76 | 18.7  | 0.9 | 1.4  | 7.4  | 26 | 0.1  | 0.7  | 0.1  | 69  | 0.37 | 0.04  | 18 | 44  | 0.5  | 247 |
| BRW100948 | 264  | 4.1  | 10.5  | 2.4 | 1.3  | 28.7 | 14 | 0.05 | 0.3  | 0.05 | 29  | 0.24 | 0.055 | 65 | 32  | 0.43 | 128 |
| BRW100950 | 578  | 3.81 | 11.7  | 1.2 | 1.2  | 24.3 | 17 | 0.05 | 0.3  | 0.1  | 41  | 0.27 | 0.035 | 81 | 35  | 0.34 | 131 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Tl   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW108989 | 0.041 | 1   | 1.81 | 0.009 | 0.07 | 0.05 | 0.02  | 2.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW108990 | 0.126 | 1   | 2.76 | 0.01  | 0.24 | 0.5  | 0.01  | 3.7  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000120 |
| BRW108991 | 0.06  | 0.5 | 1.33 | 0.013 | 0.12 | 0.2  | 0.03  | 4.2  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108992 | 0.047 | 0.5 | 1.33 | 0.009 | 0.19 | 0.05 | 0.01  | 2    | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW108994 | 0.08  | 0.5 | 1.5  | 0.007 | 0.39 | 0.05 | 0.02  | 5.2  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000120 |
| BRW108995 | 0.035 | 1   | 0.92 | 0.007 | 0.04 | 0.1  | 1.03  | 4    | 0.3  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW108996 | 0.138 | 2   | 1.47 | 0.008 | 0.27 | 0.05 | 0.03  | 4.9  | 0.4  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000120 |
| BRW108998 | 0.125 | 0.5 | 1.76 | 0.008 | 0.44 | 0.05 | 0.01  | 2.5  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW108999 | 0.073 | 0.5 | 1.54 | 0.008 | 0.07 | 0.1  | 0.005 | 2.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000120 |
| BRW109000 | 0.084 | 1   | 1.44 | 0.015 | 0.06 | 0.05 | 0.03  | 4    | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW113500 | 0.067 | 1   | 2.1  | 0.01  | 0.08 | 0.1  | 0.04  | 3.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000120 |
| BRW113501 | 0.037 | 0.5 | 0.74 | 0.009 | 0.09 | 0.05 | 0.01  | 2.5  | 0.2  | 0.025 | 2  | 0.25 | 1DX15  | WHI10000120 |
| BRW113502 | 0.101 | 0.5 | 1.69 | 0.007 | 0.21 | 0.05 | 0.005 | 3.6  | 0.4  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000120 |
| BRW113503 | 0.006 | 0.5 | 0.42 | 0.003 | 0.05 | 0.05 | 0.03  | 4.3  | 0.1  | 0.025 | 2  | 0.25 | 1DX15  | WHI10000120 |
| BRW113504 | 0.007 | 0.5 | 0.46 | 0.004 | 0.05 | 0.05 | 0.05  | 4.3  | 0.1  | 0.025 | 2  | 0.25 | 1DX15  | WHI10000120 |
| BRW113505 | 0.04  | 1   | 1.5  | 0.009 | 0.07 | 0.1  | 0.02  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW113506 | 0.034 | 0.5 | 1.21 | 0.007 | 0.19 | 0.05 | 0.005 | 3.1  | 0.3  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000120 |
| BRW113507 | 0.027 | 0.5 | 1.78 | 0.009 | 0.12 | 0.05 | 0.04  | 8    | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000120 |
| BRW113508 | 0.116 | 2   | 2.34 | 0.01  | 1.04 | 0.05 | 0.02  | 7.5  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW113509 | 0.128 | 0.5 | 1.97 | 0.01  | 0.6  | 0.1  | 0.01  | 5.8  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000120 |
| BRW113509 | 0.129 | 1   | 1.96 | 0.011 | 0.62 | 0.05 | 0.01  | 6    | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000120 |
| BRW113510 | 0.313 | 0.5 | 3.25 | 0.016 | 1.61 | 0.05 | 0.005 | 6.7  | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000120 |
| BRW113511 | 0.17  | 1   | 2.29 | 0.014 | 1.03 | 0.05 | 0.01  | 5.3  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW113512 | 0.037 | 0.5 | 1.91 | 0.012 | 0.22 | 0.05 | 0.02  | 5.6  | 0.1  | 0.025 | 5  | 1    | 1DX15  | WHI10000120 |
| BRW113513 | 0.119 | 3   | 1.86 | 0.014 | 0.65 | 0.1  | 0.02  | 5.5  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000120 |
| BRW90633  | 0.218 | 1   | 3.17 | 0.02  | 0.32 | 0.2  | 0.005 | 8.5  | 0.1  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000120 |
| BRW90634  | 0.099 | 0.5 | 1.42 | 0.02  | 0.06 | 0.1  | 0.01  | 6.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW90635  | 0.101 | 0.5 | 1.61 | 0.018 | 0.09 | 0.05 | 0.01  | 4.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000120 |
| BRW90639  | 0.092 | 0.5 | 2.49 | 0.012 | 0.33 | 0.05 | 0.005 | 4.4  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000120 |
| BRW100656 | 0.18  | 1   | 2.41 | 0.02  | 0.53 | 0.05 | 0.03  | 5.2  | 0.3  | 0.06  | 8  | 0.6  | 1DX15  | WHI10000121 |
| BRW100660 | 0.215 | 0.5 | 3.51 | 0.013 | 1.63 | 0.05 | 0.005 | 8.9  | 0.5  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000121 |
| BRW100662 | 0.183 | 0.5 | 2.96 | 0.018 | 1.15 | 0.05 | 0.01  | 10.9 | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW100669 | 0.074 | 0.5 | 1.46 | 0.019 | 0.04 | 0.2  | 0.03  | 3.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100676 | 0.07  | 1   | 1.43 | 0.022 | 0.04 | 0.2  | 0.04  | 3.2  | 0.05 | 0.07  | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100678 | 0.081 | 1   | 1.61 | 0.027 | 0.05 | 0.1  | 0.04  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100678 | 0.075 | 1   | 1.53 | 0.023 | 0.05 | 0.2  | 0.03  | 3.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100680 | 0.083 | 2   | 1.3  | 0.03  | 0.06 | 0.2  | 0.02  | 3.1  | 0.05 | 0.09  | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW100683 | 0.069 | 1   | 1.55 | 0.027 | 0.06 | 0.2  | 0.04  | 4    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100684 | 0.086 | 3   | 1.44 | 0.032 | 0.08 | 0.2  | 0.03  | 4    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100685 | 0.185 | 3   | 2.84 | 0.011 | 1.26 | 0.05 | 0.03  | 9.5  | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW100686 | 0.145 | 2   | 2.54 | 0.055 | 0.47 | 0.05 | 0.01  | 6.9  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW100688 | 0.074 | 2   | 2.46 | 0.008 | 0.34 | 0.05 | 0.03  | 13.9 | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW100758 | 0.024 | 1   | 1.75 | 0.009 | 0.07 | 0.2  | 0.05  | 3.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100811 | 0.021 | 2   | 2.8  | 0.006 | 0.03 | 0.05 | 0.01  | 8.5  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW100814 | 0.043 | 1   | 1.68 | 0.041 | 0.03 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW100815 | 0.2   | 0.5 | 3.02 | 0.012 | 0.95 | 0.05 | 0.005 | 11.1 | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000121 |
| BRW100828 | 0.053 | 1   | 1.32 | 0.016 | 0.08 | 0.2  | 0.05  | 4.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW100830 | 0.05  | 2   | 2.41 | 0.01  | 0.2  | 0.05 | 0.03  | 7.8  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW100834 | 0.115 | 0.5 | 1.92 | 0.035 | 0.29 | 0.1  | 0.02  | 5.5  | 0.2  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000121 |
| BRW100835 | 0.156 | 0.5 | 2.96 | 0.013 | 1.11 | 0.05 | 0.02  | 12.3 | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000121 |
| BRW100837 | 0.132 | 0.5 | 1.91 | 0.011 | 0.48 | 0.1  | 0.02  | 4.4  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW100873 | 0.1   | 0.5 | 2.48 | 0.012 | 0.41 | 0.05 | 0.01  | 11   | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW100921 | 0.061 | 1   | 1.25 | 0.012 | 0.1  | 0.1  | 0.07  | 4.1  | 0.1  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000121 |
| BRW100924 | 0.167 | 0.5 | 2.5  | 0.011 | 0.94 | 0.05 | 0.005 | 4.7  | 0.8  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000121 |
| BRW100925 | 0.011 | 3   | 0.47 | 0.002 | 0.12 | 0.05 | 0.09  | 3.8  | 0.2  | 0.025 | 2  | 1.7  | 1DX15  | WHI10000121 |
| BRW100936 | 0.063 | 0.5 | 1.19 | 0.008 | 0.41 | 0.05 | 0.005 | 7    | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000121 |
| BRW100941 | 0.042 | 0.5 | 0.97 | 0.006 | 0.31 | 0.05 | 0.1   | 12.8 | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100942 | 0.136 | 0.5 | 2.4  | 0.01  | 0.85 | 0.05 | 0.01  | 10.2 | 0.2  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW100944 | 0.028 | 2   | 2.26 | 0.019 | 0.42 | 0.05 | 0.03  | 10.6 | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW100945 | 0.1   | 0.5 | 1.8  | 0.01  | 0.43 | 0.05 | 0.04  | 9.1  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW100946 | 0.081 | 0.5 | 1.86 | 0.013 | 0.11 | 0.05 | 0.03  | 4.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100948 | 0.072 | 2   | 1.4  | 0.004 | 0.44 | 0.05 | 0.05  | 4.1  | 0.3  | 0.025 | 4  | 1.2  | 1DX15  | WHI10000121 |
| BRW100950 | 0.016 | 0.5 | 1.11 | 0.006 | 0.2  | 0.05 | 0.03  | 5.8  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000121 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW100976 | Soil | 597324     | 7005104    | 07V      | 3.6  | 89.2  | 8.8  | 150 | 0.05 | 46.2  | 21.4 |
| BRW100979 | Soil | 597439     | 7005195    | 07V      | 1.1  | 46.7  | 14.6 | 89  | 0.05 | 50.1  | 15.9 |
| BRW100982 | Soil | 597557     | 7005288    | 07V      | 1.7  | 30.4  | 8.6  | 60  | 0.1  | 32.4  | 12.9 |
| BRW100983 | Soil | 597598     | 7005321    | 07V      | 1.7  | 29.7  | 8.1  | 64  | 0.1  | 27.6  | 13.1 |
| BRW100984 | Soil | 597637     | 7005349    | 07V      | 1.4  | 83.8  | 4.8  | 103 | 0.05 | 72.2  | 23.7 |
| BRW100987 | Soil | 597753     | 7005443    | 07V      | 0.6  | 36.3  | 6.8  | 101 | 0.05 | 68.6  | 20   |
| BRW100989 | Soil | 597833     | 7005504    | 07V      | 1.4  | 41.2  | 27.1 | 117 | 0.4  | 18.4  | 21.4 |
| BRW100989 | REP  | 597833     | 7005504    | 07V      | 1.2  | 41    | 26.4 | 115 | 0.4  | 18.3  | 21.4 |
| BRW100990 | Soil | 597912     | 7005566    | 07V      | 0.6  | 34.6  | 7.8  | 73  | 0.05 | 25.4  | 11.2 |
| BRW100991 | Soil | 597951     | 7005596    | 07V      | 0.9  | 57.5  | 9    | 170 | 0.05 | 13.8  | 21.6 |
| BRW100997 | Soil | 598054     | 7005546    | 07V      | 0.7  | 61.9  | 8.4  | 104 | 0.05 | 41.5  | 18.5 |
| BRW101000 | Soil | 598172     | 7005640    | 07V      | 0.8  | 25.3  | 10   | 75  | 0.05 | 30.8  | 14.7 |
| BRW101093 | Soil | 597130     | 7005337    | 07V      | 1    | 24.3  | 8.3  | 63  | 0.1  | 22.7  | 10.9 |
| BRW101093 | REP  | 597130     | 7005337    | 07V      | 1    | 24.8  | 8.9  | 62  | 0.1  | 23.7  | 10.9 |
| BRW101096 | Soil | 597211     | 7005398    | 07V      | 1    | 21.3  | 7.9  | 65  | 0.05 | 21.9  | 9.9  |
| BRW101097 | Soil | 597250     | 7005429    | 07V      | 1.1  | 25.6  | 8.3  | 65  | 0.1  | 26.2  | 11.1 |
| BRW101098 | Soil | 597291     | 7005460    | 07V      | 1.4  | 21.5  | 8.8  | 57  | 0.05 | 21.6  | 10.6 |
| BRW101105 | Soil | 597566     | 7005675    | 07V      | 1.2  | 52.8  | 6.3  | 109 | 0.1  | 14.9  | 18.8 |
| BRW101106 | Soil | 597609     | 7005710    | 07V      | 5.8  | 59.8  | 9.4  | 133 | 0.05 | 60    | 27.3 |
| BRW101107 | Soil | 597649     | 7005742    | 07V      | 1.6  | 42.3  | 9.1  | 81  | 0.05 | 48.7  | 20.1 |
| BRW101107 | REP  | 597649     | 7005742    | 07V      | 1.5  | 43.6  | 9    | 84  | 0.05 | 50.3  | 20.3 |
| BRW101110 | Soil | 597767     | 7005832    | 07V      | 1.4  | 16.1  | 7.8  | 59  | 0.05 | 14.2  | 10.3 |
| BRW101111 | Soil | 597807     | 7005863    | 07V      | 1.3  | 15.7  | 8.7  | 103 | 0.05 | 16.8  | 12.8 |
| BRW101112 | Soil | 597847     | 7005894    | 07V      | 1.3  | 26.3  | 6.3  | 93  | 0.05 | 23.1  | 21.4 |
| BRW101113 | Soil | 597886     | 7005924    | 07V      | 1    | 24.2  | 7.5  | 103 | 0.05 | 17.8  | 24.2 |
| BRW101114 | Soil | 597926     | 7005956    | 07V      | 1.9  | 31.7  | 12.4 | 90  | 0.1  | 34.2  | 17.5 |
| BRW101135 | Soil | 596168     | 7005851    | 07V      | 0.3  | 19    | 8    | 93  | 0.05 | 30.9  | 10.8 |
| BRW101135 | REP  | 596168     | 7005851    | 07V      | 0.3  | 21    | 8.7  | 100 | 0.05 | 35.4  | 12.6 |
| BRW101175 | Soil | 596335     | 7004333    | 07V      | 0.6  | 44.7  | 2.5  | 43  | 0.05 | 34.9  | 18.8 |
| BRW101196 | Soil | 596847     | 7004735    | 07V      | 0.2  | 71.7  | 1.8  | 61  | 0.05 | 28.5  | 22.3 |
| BRW101197 | Soil | 596887     | 7004766    | 07V      | 11.8 | 100.9 | 7.5  | 222 | 0.05 | 100.3 | 19.7 |
| BRW101200 | Soil | 596597     | 7004412    | 07V      | 0.4  | 110.1 | 4.7  | 79  | 0.05 | 20.9  | 25.6 |
| BRW101200 | REP  | 596597     | 7004412    | 07V      | 0.4  | 108.1 | 4.5  | 80  | 0.05 | 21.9  | 25   |
| BRW101201 | Soil | 596556     | 7004378    | 07V      | 0.2  | 95.3  | 2.2  | 81  | 0.05 | 16.1  | 24.9 |
| BRW101210 | Soil | 596241     | 7004129    | 07V      | 0.3  | 79    | 3.1  | 100 | 0.05 | 77.7  | 21.4 |
| BRW101213 | Soil | 596473     | 7005327    | 07V      | 1.2  | 51.5  | 5.9  | 77  | 0.05 | 41    | 27.2 |
| BRW101214 | Soil | 596433     | 7005297    | 07V      | 3.9  | 61.7  | 5.6  | 118 | 0.1  | 228.9 | 24.6 |
| BRW101235 | Soil | 595938     | 7004782    | 07V      | 2.7  | 101.6 | 2.1  | 128 | 0.1  | 24.5  | 37.1 |
| BRW101240 | Soil | 596177     | 7004969    | 07V      | 0.6  | 22.8  | 1.9  | 60  | 0.05 | 21.2  | 21.9 |
| BRW101242 | Soil | 595529     | 7005098    | 07V      | 0.5  | 58.8  | 1.7  | 89  | 0.05 | 12.6  | 25.2 |
| BRW101243 | Soil | 595579     | 7005137    | 07V      | 0.4  | 36.2  | 3    | 95  | 0.05 | 25    | 24.4 |
| BRW101245 | Soil | 595658     | 7005200    | 07V      | 1.2  | 18.8  | 8.1  | 73  | 0.05 | 17.2  | 11.2 |
| BRW101246 | Soil | 595697     | 7005231    | 07V      | 1.4  | 49    | 5.2  | 86  | 0.05 | 35.1  | 27.9 |
| BRW101254 | Soil | 595816     | 7005324    | 07V      | 12.3 | 98.3  | 4.6  | 147 | 0.05 | 66.9  | 35.9 |
| BRW101255 | Soil | 595856     | 7005353    | 07V      | 1.2  | 69.2  | 4.9  | 96  | 0.05 | 26    | 22.2 |
| BRW101256 | Soil | 595894     | 7005383    | 07V      | 0.7  | 101.2 | 1.6  | 104 | 0.05 | 10.9  | 23   |
| BRW101259 | Soil | 596014     | 7005477    | 07V      | 0.9  | 37.7  | 7.4  | 64  | 0.05 | 28.9  | 11.6 |
| BRW101262 | Soil | 596134     | 7005569    | 07V      | 0.4  | 49.8  | 3.3  | 68  | 0.05 | 45.6  | 23.6 |
| BRW101275 | Soil | 595906     | 7005520    | 07V      | 0.6  | 89.6  | 4    | 57  | 0.05 | 18.6  | 18.7 |
| BRW101276 | Soil | 595865     | 7005488    | 07V      | 0.5  | 203.7 | 1.4  | 68  | 0.05 | 14.6  | 19.5 |
| BRW101277 | Soil | 595824     | 7005458    | 07V      | 0.3  | 33.6  | 1.4  | 69  | 0.05 | 6.2   | 19.5 |
| BRW101278 | Soil | 595824     | 7005458    | 07V      | 0.3  | 33.5  | 1.3  | 70  | 0.05 | 5.9   | 19.5 |
| BRW101339 | Soil | 597278     | 7005323    | 07V      | 3.1  | 36.7  | 10.8 | 75  | 0.2  | 30.5  | 17.2 |
| BRW101345 | Soil | 597436     | 7005446    | 07V      | 1.4  | 38    | 7.4  | 78  | 0.1  | 33.3  | 14.8 |
| BRW101346 | Soil | 597477     | 7005478    | 07V      | 0.8  | 32.4  | 6.8  | 63  | 0.05 | 28    | 11.4 |
| BRW101350 | Soil | 597631     | 7005599    | 07V      | 1.3  | 60.7  | 10.6 | 113 | 0.05 | 48.3  | 19.9 |
| BRW101378 | Soil | 597001     | 7006247    |          | 3.3  | 73.2  | 7    | 101 | 0.05 | 29.4  | 21.9 |
| BRW101379 | Soil | 596959     | 7006216    |          | 0.3  | 43.2  | 1.9  | 42  | 0.05 | 188.6 | 22.9 |
| BRW101426 | Soil | 596528     | 7005879    |          | 1.2  | 38.7  | 8.8  | 126 | 0.05 | 21.8  | 18.1 |
| BRW101427 | Soil | 596490     | 7005847    |          | 1    | 38.8  | 5.6  | 185 | 0.05 | 15.4  | 27   |
| BRW101429 | Soil | 596370     | 7005755    |          | 0.5  | 40.9  | 12.7 | 95  | 0.05 | 44.6  | 17.6 |
| BRW101492 | Soil | 596906     | 7004905    | 07V      | 0.5  | 30.5  | 5.4  | 69  | 0.05 | 15.8  | 17.4 |
| BRW101497 | Soil | 597104     | 7005059    | 07V      | 1.4  | 32.6  | 11.7 | 139 | 0.05 | 30.3  | 10.1 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca    | P     | La | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|------|------|-----|------|------|------|-----|-------|-------|----|-----|------|------|
| BRW100976 | 1331 | 6.08 | 3.1  | 0.8 | 12.7 | 9.4  | 22  | 0.3  | 0.1  | 0.05 | 120 | 0.69  | 0.18  | 43 | 49  | 1.31 | 941  |
| BRW100979 | 527  | 4.76 | 20.6 | 0.7 | 1.3  | 16.7 | 12  | 0.05 | 0.2  | 0.05 | 47  | 0.35  | 0.068 | 50 | 58  | 0.85 | 199  |
| BRW100982 | 381  | 2.55 | 7.4  | 0.8 | 6.3  | 3.9  | 27  | 0.2  | 0.5  | 0.1  | 51  | 0.73  | 0.059 | 14 | 51  | 0.64 | 397  |
| BRW100983 | 515  | 2.65 | 8.6  | 1   | 3.8  | 4.7  | 35  | 0.2  | 0.5  | 0.1  | 52  | 0.76  | 0.061 | 18 | 42  | 0.57 | 331  |
| BRW100984 | 462  | 4.36 | 1.1  | 0.6 | 1.1  | 15.5 | 23  | 0.05 | 0.05 | 0.05 | 101 | 0.57  | 0.11  | 42 | 96  | 1.87 | 878  |
| BRW100987 | 582  | 4.64 | 2.7  | 0.7 | 1.4  | 13.3 | 22  | 0.1  | 0.1  | 0.05 | 73  | 0.52  | 0.128 | 33 | 86  | 1.49 | 493  |
| BRW100989 | 1071 | 5.76 | 23.7 | 0.7 | 4.1  | 5.7  | 33  | 0.2  | 0.4  | 0.7  | 94  | 0.74  | 0.172 | 29 | 28  | 1.18 | 504  |
| BRW100989 | 1061 | 5.7  | 23.2 | 0.6 | 4.7  | 5.6  | 31  | 0.2  | 0.4  | 0.6  | 95  | 0.71  | 0.159 | 28 | 28  | 1.19 | 491  |
| BRW100990 | 362  | 2.79 | 8.5  | 1   | 4.6  | 5.1  | 35  | 0.2  | 0.6  | 0.1  | 59  | 0.87  | 0.087 | 18 | 34  | 0.66 | 292  |
| BRW100991 | 714  | 7.57 | 3    | 1.1 | 1.6  | 26.4 | 20  | 0.05 | 0.2  | 0.05 | 102 | 0.65  | 0.166 | 52 | 27  | 1.81 | 1076 |
| BRW100997 | 723  | 5.46 | 4.8  | 0.8 | 0.6  | 8.6  | 16  | 0.05 | 0.1  | 0.05 | 103 | 0.56  | 0.119 | 30 | 101 | 1.72 | 538  |
| BRW101000 | 407  | 3.71 | 4.8  | 0.7 | 0.9  | 11   | 17  | 0.1  | 0.3  | 0.1  | 59  | 0.27  | 0.049 | 30 | 44  | 1.02 | 242  |
| BRW101093 | 373  | 2.53 | 6.3  | 0.9 | 3.7  | 4.7  | 33  | 0.2  | 0.4  | 0.1  | 55  | 0.57  | 0.056 | 18 | 31  | 0.53 | 401  |
| BRW101093 | 379  | 2.6  | 6.3  | 1   | 4.6  | 4.6  | 34  | 0.2  | 0.4  | 0.1  | 59  | 0.6   | 0.057 | 19 | 32  | 0.51 | 395  |
| BRW101096 | 358  | 2.62 | 8    | 0.7 | 2.5  | 3.5  | 34  | 0.2  | 0.5  | 0.1  | 63  | 0.62  | 0.063 | 12 | 31  | 0.57 | 289  |
| BRW101097 | 389  | 2.61 | 7.6  | 0.7 | 3.5  | 3.9  | 34  | 0.2  | 0.5  | 0.1  | 59  | 0.59  | 0.061 | 14 | 32  | 0.57 | 279  |
| BRW101098 | 390  | 2.43 | 6.5  | 0.9 | 4    | 4.3  | 31  | 0.2  | 0.4  | 0.1  | 53  | 0.55  | 0.06  | 16 | 33  | 0.51 | 268  |
| BRW101105 | 553  | 5.01 | 3    | 0.8 | 2.1  | 2.2  | 39  | 0.1  | 0.1  | 0.05 | 98  | 0.4   | 0.099 | 11 | 38  | 1.31 | 544  |
| BRW101106 | 812  | 5.9  | 6.4  | 0.7 | 2.7  | 4.4  | 15  | 0.1  | 0.6  | 0.05 | 87  | 0.38  | 0.088 | 15 | 69  | 1.06 | 202  |
| BRW101107 | 453  | 3.97 | 5.5  | 0.6 | 0.25 | 5.1  | 28  | 0.1  | 0.3  | 0.1  | 79  | 0.65  | 0.046 | 13 | 54  | 0.94 | 318  |
| BRW101107 | 451  | 4.03 | 5.6  | 0.6 | 1    | 4.9  | 28  | 0.05 | 0.3  | 0.1  | 83  | 0.66  | 0.044 | 13 | 56  | 0.91 | 327  |
| BRW101110 | 544  | 2.29 | 3.3  | 4.8 | 0.25 | 7.9  | 41  | 0.2  | 0.1  | 0.05 | 47  | 1.58  | 0.04  | 38 | 25  | 1.46 | 297  |
| BRW101111 | 389  | 4.04 | 5.1  | 0.7 | 1    | 11.9 | 27  | 0.05 | 0.2  | 0.05 | 73  | 0.51  | 0.078 | 28 | 38  | 1.09 | 306  |
| BRW101112 | 682  | 4.17 | 2.7  | 0.6 | 0.25 | 4.3  | 20  | 0.05 | 0.05 | 0.05 | 114 | 0.55  | 0.065 | 11 | 58  | 1.69 | 266  |
| BRW101113 | 1727 | 5.01 | 3.8  | 0.8 | 0.25 | 6.7  | 20  | 0.05 | 0.2  | 0.05 | 104 | 0.54  | 0.096 | 26 | 44  | 1.41 | 352  |
| BRW101114 | 700  | 3.65 | 8.8  | 1.4 | 15.7 | 11.6 | 34  | 0.1  | 0.2  | 0.1  | 65  | 0.54  | 0.058 | 27 | 43  | 0.93 | 270  |
| BRW101135 | 635  | 3.2  | 14.8 | 1   | 3.8  | 12.1 | 111 | 0.3  | 0.3  | 0.1  | 45  | 10.85 | 0.061 | 44 | 27  | 0.18 | 107  |
| BRW101135 | 706  | 3.6  | 16.5 | 1.1 | 4.2  | 13.6 | 120 | 0.3  | 0.3  | 0.1  | 50  | 11.67 | 0.063 | 49 | 31  | 0.2  | 125  |
| BRW101175 | 469  | 3.81 | 8.8  | 1.1 | 1.3  | 5.6  | 36  | 0.05 | 0.05 | 0.05 | 135 | 0.87  | 0.137 | 42 | 47  | 1.3  | 582  |
| BRW101196 | 482  | 3.25 | 1    | 0.3 | 0.8  | 1.5  | 77  | 0.05 | 0.1  | 0.05 | 90  | 1.06  | 0.134 | 6  | 31  | 1.35 | 392  |
| BRW101197 | 892  | 5.85 | 31.4 | 2   | 0.5  | 6.1  | 26  | 0.8  | 1.2  | 0.2  | 252 | 0.88  | 0.246 | 16 | 100 | 1.94 | 626  |
| BRW101200 | 636  | 4.82 | 2.1  | 0.2 | 0.25 | 1    | 57  | 0.05 | 0.1  | 0.05 | 138 | 0.84  | 0.09  | 3  | 38  | 1.85 | 390  |
| BRW101200 | 637  | 4.76 | 1.8  | 0.2 | 0.8  | 1.1  | 59  | 0.05 | 0.1  | 0.05 | 137 | 0.85  | 0.094 | 3  | 39  | 1.86 | 387  |
| BRW101201 | 848  | 4.26 | 1.8  | 0.3 | 0.8  | 1    | 56  | 0.1  | 0.05 | 0.05 | 116 | 1.01  | 0.103 | 3  | 28  | 1.87 | 277  |
| BRW101210 | 711  | 5.73 | 9.5  | 1.1 | 1.5  | 9.3  | 26  | 0.05 | 0.1  | 0.05 | 213 | 1.03  | 0.11  | 23 | 144 | 2.56 | 374  |
| BRW101213 | 895  | 3.63 | 3.4  | 1.2 | 4.7  | 6    | 60  | 0.1  | 0.4  | 0.05 | 68  | 2.89  | 0.076 | 42 | 92  | 0.96 | 220  |
| BRW101214 | 727  | 3.8  | 25.8 | 0.6 | 2.2  | 2.5  | 36  | 0.05 | 0.2  | 0.05 | 126 | 1.2   | 0.069 | 14 | 336 | 2.6  | 190  |
| BRW101235 | 1032 | 6.55 | 2.1  | 0.6 | 1.4  | 1.1  | 49  | 0.05 | 0.6  | 0.05 | 201 | 3.77  | 0.107 | 4  | 43  | 2.4  | 464  |
| BRW101240 | 534  | 2.67 | 1.8  | 0.2 | 0.25 | 0.6  | 23  | 0.05 | 0.2  | 0.05 | 66  | 0.75  | 0.039 | 2  | 67  | 1.34 | 115  |
| BRW101242 | 636  | 5.24 | 1.9  | 0.7 | 0.7  | 1.2  | 78  | 0.05 | 0.05 | 0.05 | 159 | 1.05  | 0.141 | 8  | 19  | 1.27 | 310  |
| BRW101243 | 1377 | 4.89 | 2.2  | 0.4 | 1.5  | 1.2  | 44  | 0.1  | 0.05 | 0.05 | 124 | 3.75  | 0.089 | 7  | 44  | 1.46 | 167  |
| BRW101245 | 340  | 3.16 | 5.8  | 0.3 | 0.25 | 1.9  | 22  | 0.1  | 0.3  | 0.1  | 78  | 0.32  | 0.024 | 6  | 34  | 0.8  | 202  |
| BRW101246 | 1275 | 4.59 | 12.5 | 0.4 | 1.6  | 2.2  | 58  | 0.05 | 0.3  | 0.05 | 110 | 1.02  | 0.083 | 11 | 68  | 1.21 | 245  |
| BRW101254 | 1243 | 5.94 | 20.5 | 0.9 | 1.7  | 5.6  | 55  | 0.4  | 0.6  | 0.05 | 221 | 1.69  | 0.158 | 25 | 74  | 1.29 | 533  |
| BRW101255 | 676  | 4.53 | 14.5 | 1.1 | 1.6  | 5.5  | 26  | 0.05 | 0.1  | 0.05 | 103 | 0.73  | 0.094 | 34 | 54  | 1.45 | 605  |
| BRW101256 | 525  | 6.99 | 1    | 0.6 | 0.25 | 1.8  | 25  | 0.05 | 0.05 | 0.05 | 245 | 0.48  | 0.09  | 7  | 9   | 1.61 | 543  |
| BRW101259 | 467  | 2.55 | 9    | 1.3 | 2.2  | 3.5  | 81  | 0.3  | 0.7  | 0.2  | 59  | 1.85  | 0.087 | 13 | 29  | 0.85 | 246  |
| BRW101262 | 730  | 3.84 | 2.9  | 0.7 | 1.6  | 4.6  | 36  | 0.05 | 0.05 | 0.05 | 87  | 1.21  | 0.089 | 10 | 139 | 2.13 | 434  |
| BRW101275 | 672  | 3.67 | 3.8  | 0.4 | 1.9  | 1.6  | 41  | 0.05 | 0.3  | 0.05 | 104 | 0.88  | 0.069 | 6  | 27  | 1.1  | 268  |
| BRW101276 | 886  | 7.1  | 1.9  | 0.4 | 1.7  | 1.2  | 33  | 0.05 | 0.2  | 0.05 | 147 | 0.95  | 0.15  | 6  | 23  | 1.26 | 490  |
| BRW101277 | 536  | 4.43 | 1.3  | 0.4 | 0.9  | 1.6  | 48  | 0.05 | 0.05 | 0.05 | 153 | 0.81  | 0.091 | 6  | 4   | 0.97 | 397  |
| BRW101278 | 541  | 4.41 | 1.6  | 0.4 | 0.25 | 1.5  | 50  | 0.05 | 0.1  | 0.05 | 154 | 0.86  | 0.099 | 7  | 4   | 0.95 | 388  |
| BRW101339 | 1314 | 2.98 | 10.9 | 1.5 | 9.2  | 5    | 29  | 0.2  | 0.4  | 0.1  | 60  | 0.57  | 0.07  | 28 | 38  | 0.52 | 443  |
| BRW101345 | 415  | 3.12 | 6.5  | 0.7 | 11.2 | 6.8  | 41  | 0.3  | 0.6  | 0.1  | 61  | 0.84  | 0.066 | 22 | 39  | 0.74 | 348  |
| BRW101346 | 521  | 2.59 | 8    | 0.7 | 3.2  | 3.7  | 42  | 0.2  | 0.6  | 0.1  | 62  | 0.9   | 0.079 | 14 | 32  | 0.64 | 265  |
| BRW101350 | 539  | 4.97 | 9    | 0.6 | 1.7  | 9.3  | 20  | 0.05 | 0.3  | 0.2  | 102 | 0.35  | 0.057 | 18 | 74  | 1.57 | 352  |
| BRW101378 | 733  | 4.45 | 0.9  | 0.6 | 0.25 | 5    | 21  | 0.05 | 0.1  | 0.05 | 92  | 0.98  | 0.264 | 27 | 110 | 1.33 | 456  |
| BRW101379 | 348  | 2.38 | 0.8  | 0.3 | 0.7  | 2.9  | 22  | 0.05 | 0.05 | 0.05 | 53  | 0.58  | 0.142 | 19 | 499 | 1.82 | 322  |
| BRW101426 | 620  | 5.54 | 2.1  | 0.7 | 1.7  | 7.7  | 24  | 0.05 | 0.2  | 0.05 | 96  | 0.7   | 0.21  | 31 | 22  | 1.11 | 1024 |
| BRW101427 | 1187 | 7.47 | 6.9  | 1.1 | 8.2  | 3.9  | 20  | 0.2  | 0.1  | 0.05 | 174 | 0.48  | 0.096 | 15 | 23  | 1.68 | 1151 |
| BRW101429 | 516  | 4.03 | 4.3  | 0.9 | 2.9  | 25.7 | 21  | 0.05 | 0.3  | 0.1  | 46  | 0.47  | 0.052 | 56 | 47  | 0.8  | 241  |
| BRW101492 | 561  | 3.46 | 4.3  | 0.6 | 0.25 | 3.7  | 51  | 0.2  | 0.3  | 0.05 | 80  | 1.06  | 0.079 | 15 | 25  | 0.94 | 246  |
| BRW101497 | 251  | 3.14 | 5    | 1   | 0.9  | 18.2 | 20  | 0.2  | 0.2  | 0.1  | 66  | 0.47  | 0.064 | 60 | 46  | 0.58 | 230  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW100976 | 0.109 | 0.5 | 2.57 | 0.01  | 0.96 | 0.05 | 0.005 | 13.4 | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000121 |
| BRW100979 | 0.123 | 0.5 | 1.81 | 0.008 | 0.88 | 0.05 | 0.01  | 5.5  | 0.7  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000121 |
| BRW100982 | 0.07  | 2   | 1.59 | 0.021 | 0.07 | 0.1  | 0.04  | 4.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100983 | 0.074 | 2   | 1.55 | 0.023 | 0.07 | 0.1  | 0.05  | 4.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100984 | 0.181 | 0.5 | 2.85 | 0.022 | 1.03 | 0.05 | 0.005 | 6.6  | 0.3  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000121 |
| BRW100987 | 0.164 | 0.5 | 2.86 | 0.01  | 1.18 | 0.05 | 0.005 | 5.2  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW100989 | 0.063 | 0.5 | 2.19 | 0.018 | 0.67 | 0.05 | 0.03  | 9.9  | 0.8  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW100989 | 0.066 | 0.5 | 2.2  | 0.018 | 0.69 | 0.05 | 0.02  | 9.6  | 0.8  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW100990 | 0.1   | 2   | 1.4  | 0.035 | 0.19 | 0.2  | 0.03  | 4.2  | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000121 |
| BRW100991 | 0.291 | 0.5 | 3.73 | 0.012 | 1.95 | 0.05 | 0.005 | 14.7 | 0.6  | 0.025 | 14 | 0.25 | 1DX15  | WHI10000121 |
| BRW100997 | 0.232 | 0.5 | 2.91 | 0.01  | 1.45 | 0.05 | 0.005 | 10.4 | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000121 |
| BRW101000 | 0.136 | 1   | 2.32 | 0.011 | 0.57 | 0.1  | 0.01  | 4.2  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW101093 | 0.081 | 2   | 1.62 | 0.019 | 0.09 | 0.2  | 0.04  | 3.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW101093 | 0.087 | 1   | 1.59 | 0.024 | 0.09 | 0.2  | 0.05  | 4    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW101096 | 0.086 | 1   | 1.59 | 0.033 | 0.07 | 0.2  | 0.04  | 3.3  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000121 |
| BRW101097 | 0.075 | 2   | 1.55 | 0.03  | 0.08 | 0.2  | 0.04  | 3.6  | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000121 |
| BRW101098 | 0.076 | 1   | 1.51 | 0.026 | 0.06 | 0.2  | 0.03  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW101105 | 0.217 | 1   | 2.8  | 0.058 | 0.79 | 0.05 | 0.02  | 4.3  | 0.3  | 0.41  | 9  | 0.6  | 1DX15  | WHI10000121 |
| BRW101106 | 0.087 | 2   | 2.23 | 0.01  | 0.31 | 0.05 | 0.02  | 8.6  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW101107 | 0.104 | 2   | 2.05 | 0.014 | 0.21 | 0.05 | 0.01  | 5.3  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW101107 | 0.106 | 2   | 2.04 | 0.014 | 0.23 | 0.05 | 0.01  | 5.4  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW101110 | 0.101 | 2   | 1.5  | 0.015 | 0.24 | 0.05 | 0.03  | 3.5  | 0.2  | 0.1   | 5  | 0.6  | 1DX15  | WHI10000121 |
| BRW101111 | 0.16  | 2   | 2.1  | 0.015 | 0.56 | 0.05 | 0.03  | 6.1  | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW101112 | 0.203 | 2   | 2.48 | 0.023 | 0.7  | 0.05 | 0.01  | 6.5  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW101113 | 0.209 | 2   | 2.46 | 0.012 | 0.88 | 0.05 | 0.03  | 8.4  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW101114 | 0.094 | 2   | 1.95 | 0.014 | 0.47 | 0.05 | 0.03  | 5.2  | 0.3  | 0.05  | 7  | 0.6  | 1DX15  | WHI10000121 |
| BRW101135 | 0.002 | 3   | 0.78 | 0.004 | 0.05 | 0.05 | 0.07  | 6.3  | 0.1  | 0.07  | 3  | 0.7  | 1DX15  | WHI10000121 |
| BRW101135 | 0.002 | 3   | 0.83 | 0.005 | 0.05 | 0.05 | 0.06  | 7.2  | 0.05 | 0.06  | 4  | 0.8  | 1DX15  | WHI10000121 |
| BRW101175 | 0.121 | 0.5 | 2.36 | 0.044 | 0.34 | 0.05 | 0.005 | 9.6  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW101196 | 0.109 | 1   | 2.33 | 0.041 | 0.17 | 0.05 | 0.005 | 6.8  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW101197 | 0.046 | 0.5 | 3.42 | 0.008 | 0.24 | 0.05 | 0.005 | 11.4 | 0.2  | 0.025 | 13 | 0.9  | 1DX15  | WHI10000121 |
| BRW101200 | 0.197 | 1   | 2.94 | 0.032 | 0.34 | 0.05 | 0.005 | 6.1  | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW101200 | 0.203 | 1   | 3    | 0.032 | 0.34 | 0.05 | 0.005 | 6.3  | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW101201 | 0.172 | 1   | 2.84 | 0.033 | 0.24 | 0.05 | 0.005 | 6.5  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW101210 | 0.255 | 1   | 3.33 | 0.022 | 0.28 | 0.05 | 0.005 | 14   | 0.2  | 0.025 | 16 | 0.25 | 1DX15  | WHI10000121 |
| BRW101213 | 0.023 | 3   | 1.57 | 0.007 | 0.15 | 0.05 | 0.03  | 11.4 | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW101214 | 0.088 | 2   | 2.42 | 0.011 | 0.12 | 0.05 | 0.03  | 8    | 0.1  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW101235 | 0.073 | 2   | 3.12 | 0.016 | 0.31 | 0.05 | 0.03  | 16.1 | 0.1  | 0.05  | 12 | 0.25 | 1DX15  | WHI10000121 |
| BRW101240 | 0.034 | 1   | 1.59 | 0.025 | 0.07 | 0.05 | 0.06  | 5.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW101242 | 0.069 | 1   | 2.23 | 0.071 | 0.13 | 0.05 | 0.005 | 10   | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW101243 | 0.03  | 2   | 2.63 | 0.026 | 0.05 | 0.05 | 0.02  | 10.6 | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW101245 | 0.087 | 2   | 2    | 0.014 | 0.14 | 0.05 | 0.01  | 2.8  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW101246 | 0.006 | 2   | 2.64 | 0.01  | 0.08 | 0.05 | 0.04  | 11.7 | 0.05 | 0.025 | 10 | 0.5  | 1DX15  | WHI10000121 |
| BRW101254 | 0.051 | 2   | 2.9  | 0.032 | 0.14 | 0.05 | 0.08  | 13.6 | 0.05 | 0.025 | 11 | 1.1  | 1DX15  | WHI10000121 |
| BRW101255 | 0.151 | 0.5 | 2.68 | 0.029 | 0.55 | 0.05 | 0.01  | 7.8  | 0.2  | 0.025 | 9  | 0.8  | 1DX15  | WHI10000121 |
| BRW101256 | 0.17  | 0.5 | 2.67 | 0.037 | 1.07 | 0.05 | 0.02  | 15.1 | 0.2  | 0.025 | 11 | 2.2  | 1DX15  | WHI10000121 |
| BRW101259 | 0.097 | 3   | 1.32 | 0.05  | 0.1  | 0.2  | 0.02  | 3.7  | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000121 |
| BRW101262 | 0.137 | 1   | 2.87 | 0.021 | 0.61 | 0.05 | 0.01  | 7.4  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW101275 | 0.102 | 0.5 | 2.67 | 0.06  | 0.18 | 0.05 | 0.02  | 8.1  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW101276 | 0.055 | 0.5 | 2.85 | 0.05  | 0.26 | 0.05 | 0.03  | 9.9  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW101277 | 0.088 | 0.5 | 2.09 | 0.057 | 0.18 | 0.05 | 0.005 | 9.1  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW101278 | 0.087 | 0.5 | 2.05 | 0.059 | 0.19 | 0.05 | 0.01  | 9.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW101339 | 0.071 | 1   | 1.71 | 0.016 | 0.08 | 0.1  | 0.08  | 5.4  | 0.1  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000121 |
| BRW101345 | 0.091 | 3   | 1.55 | 0.025 | 0.14 | 0.1  | 0.04  | 4.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW101346 | 0.095 | 2   | 1.42 | 0.036 | 0.08 | 0.2  | 0.05  | 3.7  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000121 |
| BRW101350 | 0.172 | 0.5 | 3.45 | 0.024 | 0.76 | 0.05 | 0.005 | 6.2  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW101378 | 0.08  | 1   | 2.51 | 0.014 | 0.47 | 0.05 | 0.005 | 12.3 | 0.3  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000121 |
| BRW101379 | 0.095 | 1   | 1.72 | 0.01  | 0.12 | 0.05 | 0.005 | 5.4  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW101426 | 0.145 | 2   | 2.52 | 0.012 | 1.1  | 0.05 | 0.02  | 11.6 | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW101427 | 0.245 | 1   | 2.56 | 0.009 | 1.56 | 0.05 | 0.02  | 21   | 0.7  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000121 |
| BRW101429 | 0.073 | 1   | 1.89 | 0.012 | 0.39 | 0.05 | 0.005 | 4.4  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW101492 | 0.109 | 1   | 2.02 | 0.02  | 0.14 | 0.05 | 0.04  | 4.8  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW101497 | 0.108 | 2   | 1.8  | 0.013 | 0.23 | 0.05 | 0.02  | 5.1  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|------|------|
| BRW101498 | Soil | 597144     | 7005090    | 07V      | 0.8 | 19.8 | 8.1  | 57  | 0.05 | 26.5 | 12.3 |
| BRW101499 | Soil | 597184     | 7005120    | 07V      | 0.7 | 29.8 | 10.9 | 82  | 0.05 | 39.2 | 15.1 |
| BRW102565 | Soil | 595355     | 7005345    | 07V      | 0.8 | 42.7 | 6.8  | 47  | 0.1  | 24.9 | 11.4 |
| BRW102604 | Soil | 596421     | 7004144    | 07V      | 0.8 | 35.9 | 5.7  | 60  | 0.05 | 31.9 | 16.3 |
| BRW102606 | Soil | 596458     | 7004175    | 07V      | 0.1 | 53.6 | 2.7  | 84  | 0.05 | 59.1 | 18.8 |
| BRW102608 | Soil | 596539     | 7004238    | 07V      | 1.2 | 48.2 | 2.2  | 118 | 0.05 | 49.8 | 17.7 |
| BRW102643 | Soil | 596114     | 7005430    | 07V      | 0.7 | 75.1 | 4.5  | 65  | 0.05 | 22.8 | 21.7 |
| BRW102644 | Soil | 596074     | 7005399    | 07V      | 0.8 | 62.3 | 7.7  | 94  | 0.05 | 37.9 | 17.1 |
| BRW102645 | Soil | 596034     | 7005367    | 07V      | 0.5 | 57.3 | 3.6  | 94  | 0.05 | 16.6 | 18.9 |
| BRW102647 | Soil | 596350     | 7005614    | 07V      | 1.1 | 25.4 | 9.1  | 82  | 0.05 | 14.6 | 17.6 |
| BRW102648 | Soil | 596310     | 7005582    | 07V      | 0.3 | 34.4 | 1.9  | 60  | 0.05 | 27   | 19.3 |
| BRW102649 | Soil | 596270     | 7005553    | 07V      | 0.6 | 91.6 | 2.6  | 97  | 0.05 | 51.9 | 26.2 |
| BRW102650 | Soil | 596233     | 7005521    | 07V      | 1.1 | 27.8 | 4.7  | 65  | 0.05 | 30.5 | 18.5 |
| BRW102755 | Soil | 597421     | 7005303    | 07V      | 0.7 | 34.9 | 7.2  | 70  | 0.1  | 31.8 | 11.3 |
| BRW102767 | Soil | 597889     | 7005674    | 07V      | 1.5 | 31.3 | 13.9 | 135 | 0.05 | 17.8 | 16.4 |
| BRW102772 | Soil | 598088     | 7005828    | 07V      | 1.1 | 32.7 | 11.4 | 110 | 0.1  | 30.9 | 16.9 |
| BRW102782 | Soil | 596964     | 7006854    | 07V      | 0.7 | 35.8 | 8.3  | 116 | 0.05 | 31.9 | 14.2 |
| BRW102795 | Soil | 596456     | 7006455    | 07V      | 0.6 | 20.6 | 6.5  | 86  | 0.05 | 17.1 | 11.7 |
| BRW102801 | Soil | 596221     | 7006275    | 07V      | 3   | 49.8 | 42.8 | 112 | 0.1  | 44.8 | 17.3 |
| BRW102804 | Soil | 596100     | 7006177    | 07V      | 0.9 | 94.4 | 17.7 | 117 | 0.05 | 58.4 | 23.2 |
| BRW102873 | Soil | 596151     | 7004567    | 07V      | 0.7 | 31.3 | 8.4  | 61  | 0.05 | 25.3 | 11.3 |
| BRW102875 | Soil | 596232     | 7004628    | 07V      | 0.7 | 36.4 | 8.8  | 71  | 0.1  | 28.5 | 11.5 |
| BRW102879 | Soil | 596350     | 7004724    | 07V      | 0.5 | 25.2 | 6.5  | 64  | 0.05 | 18.9 | 10.6 |
| BRW102880 | Soil | 596388     | 7004753    | 07V      | 0.6 | 36.2 | 6.1  | 55  | 0.1  | 26.6 | 9.9  |
| BRW102881 | Soil | 596427     | 7004784    | 07V      | 1.1 | 83.7 | 8.9  | 145 | 0.3  | 53.7 | 19.2 |
| BRW102894 | Soil | 596586     | 7004908    | 07V      | 1   | 32.7 | 8.2  | 72  | 0.05 | 26.9 | 11   |
| BRW102910 | Soil | 597332     | 7006632    | 07V      | 1.5 | 26.8 | 12.7 | 91  | 0.1  | 41.1 | 10.4 |
| BRW102911 | Soil | 597292     | 7006604    | 07V      | 1.7 | 22   | 9.1  | 37  | 0.1  | 16.3 | 3.1  |
| BRW102912 | Soil | 597254     | 7006574    | 07V      | 2.9 | 37.8 | 7.7  | 28  | 0.05 | 10.4 | 3.4  |
| BRW102913 | Soil | 597215     | 7006542    | 07V      | 2.9 | 67.9 | 9.9  | 71  | 0.05 | 46.1 | 12.5 |
| BRW102914 | Soil | 597175     | 7006510    | 07V      | 1.8 | 37.2 | 12.9 | 82  | 0.05 | 25.2 | 8.6  |
| BRW102915 | Soil | 597135     | 7006481    | 07V      | 1.5 | 39.4 | 8.4  | 103 | 0.05 | 49.7 | 16.1 |
| BRW102916 | Soil | 597097     | 7006448    | 07V      | 0.8 | 40.1 | 11.6 | 76  | 0.05 | 45.7 | 17   |
| BRW102917 | Soil | 597056     | 7006419    | 07V      | 0.9 | 29.7 | 8.2  | 67  | 0.05 | 26.2 | 10.5 |
| BRW102921 | Soil | 596901     | 7006295    | 07V      | 0.9 | 11.6 | 7.1  | 76  | 0.05 | 34.8 | 14.1 |
| BRW102923 | Soil | 596822     | 7006234    | 07V      | 1.2 | 36.7 | 6    | 131 | 0.05 | 60.4 | 20   |
| BRW102940 | Soil | 598412     | 7005573    | 07V      | 1   | 35   | 15.4 | 117 | 0.05 | 30.7 | 12   |
| BRW102941 | Soil | 598450     | 7005603    | 07V      | 0.4 | 32.3 | 5.5  | 113 | 0.05 | 26.9 | 20.1 |
| BRW102942 | Soil | 598489     | 7005636    | 07V      | 1.1 | 32.1 | 15.1 | 108 | 0.05 | 29.4 | 12.2 |
| BRW102943 | Soil | 598529     | 7005666    | 07V      | 2.1 | 35.4 | 22.9 | 129 | 0.05 | 27   | 12.2 |
| BRW102944 | Soil | 598569     | 7005697    | 07V      | 3.7 | 48.5 | 16.5 | 151 | 0.05 | 32.8 | 10.5 |
| BRW102945 | Soil | 598608     | 7005727    | 07V      | 2.3 | 57.2 | 21.5 | 124 | 0.05 | 42.3 | 14.8 |
| BRW102946 | Soil | 598648     | 7005759    | 07V      | 0.6 | 17.6 | 18.4 | 103 | 0.05 | 14.2 | 9.6  |
| BRW102948 | Soil | 598726     | 7005818    | 07V      | 0.6 | 40.2 | 23.2 | 107 | 0.05 | 27.9 | 11.6 |
| BRW102956 | Soil | 599042     | 7006067    | 07V      | 1.4 | 32.5 | 11.4 | 63  | 0.05 | 26.1 | 11.5 |
| BRW102957 | Soil | 599081     | 7006099    | 07V      | 1.3 | 26   | 9    | 54  | 0.05 | 23.4 | 12.6 |
| BRW102958 | Soil | 599120     | 7006128    | 07V      | 1.3 | 39.4 | 11.9 | 56  | 0.05 | 28.5 | 13.2 |
| BRW102959 | Soil | 599160     | 7006158    | 07V      | 1.1 | 40.7 | 9.3  | 61  | 0.05 | 28.4 | 11.7 |
| BRW102961 | Soil | 599240     | 7006218    | 07V      | 3.4 | 27.5 | 9.2  | 44  | 0.05 | 19.5 | 12.1 |
| BRW102962 | Soil | 599278     | 7006251    | 07V      | 2.1 | 40   | 9.6  | 49  | 0.05 | 25.5 | 11.4 |
| BRW102965 | Soil | 599356     | 7006313    | 07V      | 2.9 | 51.1 | 17.9 | 101 | 0.05 | 38.5 | 17.7 |
| BRW102971 | Soil | 598990     | 7004757    | 07V      | 1.6 | 20.6 | 13.5 | 119 | 0.05 | 14.3 | 10.2 |
| BRW102971 | REP  | 598990     | 7004757    | 07V      | 1.8 | 20.1 | 13.1 | 122 | 0.05 | 14.4 | 10.1 |
| BRW102972 | Soil | 599026     | 7004787    | 07V      | 1.1 | 38.9 | 10.1 | 85  | 0.05 | 25.5 | 12.4 |
| BRW102974 | Soil | 599107     | 7004848    | 07V      | 1.1 | 52.4 | 11.5 | 71  | 0.1  | 31.3 | 11.5 |
| BRW102975 | Soil | 599145     | 7004879    | 07V      | 0.9 | 41.1 | 9.7  | 89  | 0.05 | 31.3 | 13.1 |
| BRW102976 | Soil | 599185     | 7004910    | 07V      | 1.6 | 44.2 | 12.4 | 78  | 0.1  | 44.1 | 16.2 |
| BRW102977 | Soil | 599223     | 7004940    | 07V      | 0.4 | 17.7 | 5.2  | 101 | 0.05 | 12.8 | 20.3 |
| BRW102978 | Soil | 599263     | 7004972    | 07V      | 2   | 23   | 8    | 69  | 0.05 | 19.7 | 12.6 |
| BRW102979 | Soil | 599304     | 7005004    | 07V      | 6.7 | 25.6 | 11.8 | 48  | 0.05 | 18.9 | 12.3 |
| BRW102980 | Soil | 599345     | 7005034    | 07V      | 1   | 32   | 9.7  | 91  | 0.05 | 25.1 | 12.5 |
| BRW102980 | REP  | 599345     | 7005034    | 07V      | 0.9 | 32.5 | 9.9  | 95  | 0.05 | 26   | 12.8 |
| BRW102981 | Soil | 599383     | 7005064    | 07V      | 1.1 | 25.3 | 5.1  | 81  | 0.1  | 16   | 20.7 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba   |
|-----------|------|------|-------|-----|------|------|-----|------|------|------|-----|------|-------|-----|-----|------|------|
| BRW101498 | 233  | 3.04 | 3.1   | 0.7 | 0.25 | 10.3 | 17  | 0.05 | 0.2  | 0.05 | 52  | 0.27 | 0.044 | 22  | 38  | 0.57 | 163  |
| BRW101499 | 329  | 3.65 | 2.9   | 1.2 | 2.4  | 14.4 | 18  | 0.05 | 0.2  | 0.05 | 58  | 0.29 | 0.058 | 31  | 57  | 0.83 | 267  |
| BRW102565 | 471  | 2.5  | 7.5   | 0.8 | 1.8  | 2.2  | 52  | 0.2  | 0.6  | 0.1  | 58  | 1.19 | 0.085 | 11  | 29  | 0.69 | 326  |
| BRW102604 | 388  | 3.81 | 9.2   | 0.7 | 0.6  | 6.1  | 28  | 0.05 | 0.3  | 0.05 | 102 | 0.44 | 0.042 | 15  | 48  | 0.89 | 455  |
| BRW102606 | 475  | 5.45 | 3.7   | 1.5 | 0.8  | 12.3 | 44  | 0.05 | 0.1  | 0.05 | 190 | 0.66 | 0.164 | 30  | 108 | 1.79 | 984  |
| BRW102608 | 622  | 6.18 | 32.8  | 2   | 2.4  | 11   | 34  | 0.1  | 0.1  | 0.05 | 244 | 0.87 | 0.175 | 41  | 92  | 1.87 | 1399 |
| BRW102643 | 838  | 3.92 | 4.5   | 0.4 | 9.6  | 2    | 59  | 0.05 | 0.4  | 0.05 | 100 | 0.83 | 0.063 | 7   | 24  | 1.23 | 324  |
| BRW102644 | 566  | 3.51 | 6.7   | 0.4 | 21   | 3.6  | 35  | 0.1  | 0.7  | 0.1  | 84  | 0.54 | 0.047 | 13  | 58  | 0.88 | 309  |
| BRW102645 | 720  | 4.77 | 4.3   | 0.3 | 1.3  | 1.8  | 36  | 0.05 | 0.5  | 0.05 | 121 | 0.66 | 0.062 | 10  | 32  | 1.22 | 508  |
| BRW102647 | 580  | 4.83 | 3.1   | 0.5 | 1.2  | 3.5  | 15  | 0.05 | 0.05 | 0.05 | 124 | 0.47 | 0.094 | 21  | 36  | 1.52 | 512  |
| BRW102648 | 477  | 3.28 | 1.8   | 0.4 | 0.7  | 1.4  | 33  | 0.05 | 0.1  | 0.05 | 90  | 0.81 | 0.085 | 6   | 102 | 1.71 | 221  |
| BRW102649 | 810  | 5.02 | 2.1   | 0.6 | 2    | 4.7  | 39  | 0.05 | 0.1  | 0.05 | 128 | 1.13 | 0.171 | 24  | 151 | 2.21 | 497  |
| BRW102650 | 586  | 3.35 | 5.3   | 0.5 | 1.5  | 3.2  | 25  | 0.05 | 0.2  | 0.05 | 79  | 0.67 | 0.066 | 5   | 101 | 1.45 | 345  |
| BRW102755 | 353  | 2.62 | 7.1   | 0.8 | 4.3  | 4.1  | 42  | 0.3  | 0.5  | 0.1  | 65  | 0.86 | 0.077 | 15  | 38  | 0.67 | 285  |
| BRW102767 | 780  | 6.26 | 13.2  | 0.9 | 1.3  | 20.1 | 19  | 0.05 | 0.2  | 0.05 | 67  | 0.43 | 0.099 | 45  | 30  | 0.78 | 503  |
| BRW102772 | 682  | 4.74 | 12.7  | 1.1 | 2.4  | 9.1  | 23  | 0.2  | 0.4  | 0.1  | 75  | 0.52 | 0.088 | 27  | 42  | 0.81 | 418  |
| BRW102782 | 667  | 5.03 | 6.1   | 0.9 | 0.9  | 9.5  | 18  | 0.05 | 0.4  | 0.2  | 94  | 0.15 | 0.055 | 20  | 98  | 1.08 | 480  |
| BRW102795 | 256  | 3.66 | 2.9   | 1.4 | 2.7  | 53.1 | 13  | 0.05 | 0.2  | 0.05 | 67  | 0.23 | 0.058 | 109 | 27  | 0.98 | 371  |
| BRW102801 | 708  | 5.89 | 191.1 | 0.9 | 4.9  | 10.2 | 22  | 0.2  | 2.8  | 0.05 | 58  | 0.37 | 0.057 | 27  | 33  | 0.32 | 597  |
| BRW102804 | 1536 | 5.02 | 5.4   | 1.2 | 4.1  | 10.9 | 21  | 0.2  | 0.4  | 0.05 | 74  | 0.45 | 0.11  | 33  | 43  | 0.94 | 1218 |
| BRW102873 | 374  | 2.6  | 8.5   | 1.2 | 3.7  | 4.2  | 37  | 0.2  | 0.6  | 0.2  | 69  | 0.56 | 0.058 | 15  | 32  | 0.56 | 329  |
| BRW102875 | 404  | 2.53 | 8.8   | 0.7 | 2.7  | 3.9  | 50  | 0.3  | 0.8  | 0.2  | 54  | 0.95 | 0.079 | 14  | 30  | 0.65 | 369  |
| BRW102879 | 308  | 2.45 | 6.6   | 0.7 | 2.7  | 2.5  | 33  | 0.2  | 0.4  | 0.1  | 66  | 0.7  | 0.074 | 11  | 29  | 0.63 | 271  |
| BRW102880 | 376  | 2.31 | 6.4   | 1.5 | 1.8  | 2.1  | 57  | 0.3  | 0.6  | 0.1  | 53  | 1.14 | 0.072 | 10  | 28  | 0.58 | 323  |
| BRW102881 | 550  | 5.21 | 33    | 0.8 | 15.8 | 8.4  | 28  | 0.3  | 1    | 0.05 | 186 | 0.68 | 0.1   | 18  | 80  | 1.75 | 628  |
| BRW102894 | 457  | 2.58 | 9.4   | 0.7 | 2.6  | 3.7  | 68  | 0.3  | 0.7  | 0.2  | 59  | 1.6  | 0.085 | 12  | 27  | 0.84 | 295  |
| BRW102910 | 312  | 3.18 | 55.8  | 0.9 | 0.6  | 6.7  | 15  | 0.1  | 1.5  | 0.2  | 62  | 0.16 | 0.049 | 14  | 41  | 0.52 | 209  |
| BRW102911 | 66   | 1.8  | 60.2  | 1.3 | 2.2  | 7.6  | 17  | 0.2  | 1.6  | 0.2  | 28  | 0.05 | 0.023 | 15  | 16  | 0.05 | 126  |
| BRW102912 | 114  | 1.8  | 23.3  | 1.2 | 4.3  | 7.8  | 10  | 0.05 | 1.1  | 0.1  | 38  | 0.06 | 0.027 | 27  | 17  | 0.13 | 120  |
| BRW102913 | 424  | 2.95 | 21.4  | 1.9 | 32   | 7.1  | 25  | 0.1  | 5.8  | 0.2  | 49  | 0.17 | 0.041 | 27  | 32  | 0.36 | 319  |
| BRW102914 | 263  | 3.23 | 27.5  | 1.6 | 3.5  | 13.4 | 19  | 0.05 | 0.6  | 0.05 | 48  | 0.1  | 0.026 | 27  | 40  | 0.65 | 333  |
| BRW102915 | 372  | 4.4  | 11.6  | 1.2 | 2.3  | 14   | 15  | 0.05 | 0.7  | 0.05 | 63  | 0.18 | 0.031 | 28  | 51  | 1.04 | 312  |
| BRW102916 | 325  | 4.21 | 4.6   | 0.8 | 0.25 | 16   | 14  | 0.05 | 0.2  | 0.05 | 57  | 0.19 | 0.018 | 21  | 59  | 1.19 | 203  |
| BRW102917 | 373  | 3.52 | 8.3   | 1   | 1.2  | 8.2  | 21  | 0.05 | 0.6  | 0.1  | 61  | 0.28 | 0.036 | 23  | 42  | 0.68 | 174  |
| BRW102921 | 291  | 3.32 | 2.9   | 0.7 | 0.25 | 29.2 | 14  | 0.05 | 0.2  | 0.05 | 62  | 0.23 | 0.039 | 60  | 49  | 1.08 | 178  |
| BRW102923 | 513  | 4.81 | 3.9   | 0.6 | 0.25 | 8.9  | 17  | 0.05 | 0.2  | 0.05 | 101 | 0.73 | 0.233 | 21  | 104 | 1.49 | 442  |
| BRW102940 | 356  | 4.02 | 28.4  | 1.3 | 5.7  | 18.7 | 21  | 0.1  | 0.7  | 0.05 | 79  | 0.33 | 0.069 | 35  | 40  | 0.6  | 340  |
| BRW102941 | 363  | 4.74 | 6.6   | 0.7 | 0.25 | 10   | 24  | 0.05 | 0.1  | 0.05 | 157 | 0.61 | 0.133 | 23  | 96  | 2.21 | 552  |
| BRW102942 | 316  | 4.09 | 12.3  | 0.7 | 0.25 | 13.2 | 11  | 0.05 | 0.2  | 0.05 | 77  | 0.29 | 0.082 | 31  | 40  | 0.76 | 417  |
| BRW102943 | 431  | 4.44 | 36.1  | 0.7 | 0.25 | 9.6  | 9   | 0.2  | 0.8  | 0.05 | 62  | 0.19 | 0.064 | 21  | 34  | 0.49 | 293  |
| BRW102944 | 746  | 5.13 | 41.6  | 1.2 | 0.25 | 9.9  | 12  | 0.05 | 0.5  | 0.05 | 103 | 0.14 | 0.046 | 28  | 47  | 0.45 | 304  |
| BRW102945 | 478  | 5.19 | 21.9  | 1.2 | 0.7  | 29.5 | 8   | 0.1  | 0.3  | 0.05 | 95  | 0.16 | 0.029 | 53  | 46  | 0.65 | 486  |
| BRW102946 | 509  | 3.23 | 8.2   | 0.8 | 1    | 10.8 | 21  | 0.05 | 0.4  | 0.05 | 43  | 1.63 | 0.232 | 40  | 22  | 0.83 | 137  |
| BRW102948 | 346  | 3.99 | 17    | 1.9 | 2.8  | 15.9 | 15  | 0.05 | 1.4  | 0.2  | 56  | 0.19 | 0.018 | 58  | 52  | 0.77 | 193  |
| BRW102956 | 352  | 3.08 | 11.4  | 0.9 | 5.1  | 4.2  | 28  | 0.05 | 1    | 0.2  | 76  | 0.28 | 0.022 | 14  | 38  | 0.53 | 332  |
| BRW102957 | 321  | 2.64 | 10.6  | 0.8 | 8.4  | 4.3  | 21  | 0.05 | 1.4  | 0.2  | 62  | 0.25 | 0.024 | 13  | 35  | 0.46 | 258  |
| BRW102958 | 339  | 3.25 | 11.1  | 1.3 | 3    | 5.2  | 29  | 0.05 | 1.1  | 0.2  | 83  | 0.28 | 0.016 | 22  | 43  | 0.52 | 373  |
| BRW102959 | 372  | 3.1  | 11.2  | 0.8 | 5.2  | 4.6  | 28  | 0.05 | 1    | 0.2  | 68  | 0.36 | 0.029 | 17  | 41  | 0.57 | 350  |
| BRW102961 | 299  | 2.64 | 7.1   | 0.9 | 5.5  | 4    | 19  | 0.05 | 0.6  | 0.2  | 50  | 0.23 | 0.016 | 15  | 26  | 0.36 | 221  |
| BRW102962 | 319  | 3.01 | 10.3  | 1.1 | 7.7  | 5.2  | 26  | 0.05 | 0.9  | 0.2  | 63  | 0.31 | 0.015 | 17  | 36  | 0.44 | 294  |
| BRW102965 | 530  | 4.44 | 19.8  | 2.2 | 2.5  | 7.2  | 16  | 0.05 | 1.9  | 0.9  | 57  | 0.08 | 0.03  | 16  | 28  | 0.24 | 153  |
| BRW102971 | 577  | 5.19 | 8.4   | 1.1 | 0.25 | 15.9 | 16  | 0.05 | 0.4  | 0.05 | 41  | 0.28 | 0.095 | 18  | 15  | 0.61 | 265  |
| BRW102971 | 586  | 5.21 | 8.2   | 1.1 | 0.9  | 15.3 | 16  | 0.05 | 0.4  | 0.05 | 41  | 0.27 | 0.088 | 17  | 14  | 0.63 | 270  |
| BRW102972 | 439  | 3.94 | 5.8   | 0.9 | 2.4  | 9.9  | 17  | 0.05 | 0.4  | 0.1  | 55  | 0.34 | 0.04  | 29  | 37  | 0.8  | 237  |
| BRW102974 | 307  | 3    | 9.6   | 0.6 | 5.9  | 14.2 | 105 | 0.2  | 0.6  | 0.1  | 55  | 6.25 | 0.042 | 44  | 35  | 0.84 | 469  |
| BRW102975 | 490  | 3.4  | 9.7   | 0.5 | 3.3  | 5.7  | 30  | 0.1  | 0.7  | 0.1  | 65  | 0.48 | 0.061 | 18  | 36  | 0.77 | 361  |
| BRW102976 | 597  | 3.47 | 22.2  | 0.7 | 5.2  | 10.5 | 28  | 0.1  | 0.6  | 0.1  | 68  | 0.57 | 0.048 | 28  | 50  | 0.65 | 414  |
| BRW102977 | 575  | 4.87 | 2.9   | 0.8 | 0.25 | 2.8  | 18  | 0.05 | 0.1  | 0.05 | 80  | 0.93 | 0.309 | 9   | 74  | 1.73 | 377  |
| BRW102978 | 548  | 3.73 | 7.7   | 1   | 1.6  | 8.7  | 21  | 0.05 | 0.5  | 0.05 | 55  | 0.26 | 0.033 | 28  | 23  | 0.41 | 232  |
| BRW102979 | 483  | 3.09 | 5.3   | 0.6 | 10.8 | 4.2  | 19  | 0.1  | 0.6  | 0.2  | 59  | 0.28 | 0.043 | 19  | 28  | 0.46 | 258  |
| BRW102980 | 505  | 3.4  | 7.8   | 0.6 | 2.6  | 5.9  | 38  | 0.3  | 0.6  | 0.1  | 69  | 1.01 | 0.125 | 17  | 34  | 0.88 | 257  |
| BRW102980 | 496  | 3.35 | 7.8   | 0.6 | 4.9  | 5.6  | 37  | 0.3  | 0.6  | 0.1  | 68  | 1    | 0.129 | 17  | 34  | 0.85 | 254  |
| BRW102981 | 624  | 4.42 | 3.8   | 0.8 | 9.8  | 3.6  | 28  | 0.05 | 0.2  | 0.05 | 101 | 0.96 | 0.107 | 22  | 34  | 1.74 | 248  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW101498 | 0.116 | 2   | 1.64 | 0.01  | 0.35 | 0.05 | 0.005 | 3.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW101499 | 0.176 | 1   | 1.85 | 0.009 | 0.74 | 0.05 | 0.01  | 4.3  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW102565 | 0.053 | 2   | 1.53 | 0.025 | 0.08 | 0.1  | 0.04  | 3.8  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW102604 | 0.092 | 1   | 2.06 | 0.015 | 0.37 | 0.05 | 0.01  | 6.2  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW102606 | 0.232 | 0.5 | 2.84 | 0.017 | 1.05 | 0.05 | 0.005 | 12.5 | 0.3  | 0.025 | 15 | 0.25 | 1DX15  | WHI10000121 |
| BRW102608 | 0.159 | 0.5 | 2.95 | 0.016 | 0.56 | 0.05 | 0.02  | 16.6 | 0.3  | 0.025 | 14 | 0.25 | 1DX15  | WHI10000121 |
| BRW102643 | 0.048 | 2   | 2.17 | 0.038 | 0.07 | 0.1  | 0.02  | 8.3  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW102644 | 0.083 | 2   | 2.03 | 0.025 | 0.08 | 0.05 | 0.04  | 8.5  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102645 | 0.109 | 0.5 | 2.42 | 0.022 | 0.34 | 0.05 | 0.02  | 7.8  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW102647 | 0.186 | 1   | 2.76 | 0.022 | 1.03 | 0.05 | 0.01  | 11.5 | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW102648 | 0.135 | 1   | 2.11 | 0.029 | 0.27 | 0.05 | 0.01  | 6.4  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102649 | 0.223 | 1   | 2.58 | 0.032 | 0.59 | 0.05 | 0.03  | 9    | 0.2  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000121 |
| BRW102650 | 0.107 | 3   | 2.15 | 0.017 | 0.53 | 0.05 | 0.01  | 5.1  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102755 | 0.105 | 2   | 1.54 | 0.038 | 0.09 | 0.2  | 0.04  | 4.2  | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000121 |
| BRW102767 | 0.103 | 1   | 1.69 | 0.007 | 0.68 | 0.05 | 0.01  | 16.7 | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW102772 | 0.11  | 0.5 | 1.74 | 0.019 | 0.47 | 0.1  | 0.04  | 10.8 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102782 | 0.208 | 1   | 2.4  | 0.009 | 1.33 | 0.05 | 0.04  | 12.3 | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW102795 | 0.247 | 2   | 2.07 | 0.011 | 1.04 | 0.05 | 0.01  | 4.3  | 0.4  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000121 |
| BRW102801 | 0.028 | 2   | 1.23 | 0.011 | 0.18 | 0.05 | 0.06  | 11.5 | 0.1  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000121 |
| BRW102804 | 0.153 | 0.5 | 2.18 | 0.011 | 0.96 | 0.05 | 0.03  | 9.1  | 0.4  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000121 |
| BRW102873 | 0.082 | 1   | 1.52 | 0.022 | 0.05 | 0.2  | 0.04  | 4    | 0.05 | 0.07  | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW102875 | 0.077 | 3   | 1.32 | 0.028 | 0.05 | 0.2  | 0.04  | 3.5  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW102879 | 0.088 | 2   | 1.47 | 0.025 | 0.05 | 0.2  | 0.03  | 4    | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000121 |
| BRW102880 | 0.076 | 3   | 1.35 | 0.027 | 0.05 | 0.2  | 0.04  | 3.4  | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000121 |
| BRW102881 | 0.125 | 1   | 2.76 | 0.014 | 0.48 | 0.05 | 0.02  | 8.6  | 0.4  | 0.025 | 11 | 0.9  | 1DX15  | WHI10000121 |
| BRW102894 | 0.086 | 3   | 1.25 | 0.039 | 0.11 | 0.1  | 0.03  | 3.4  | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000121 |
| BRW102910 | 0.081 | 2   | 1.41 | 0.008 | 0.31 | 0.05 | 0.02  | 3.6  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW102911 | 0.005 | 12  | 0.55 | 0.003 | 0.08 | 0.05 | 0.04  | 1.8  | 0.2  | 0.025 | 2  | 0.8  | 1DX15  | WHI10000121 |
| BRW102912 | 0.024 | 0.5 | 0.69 | 0.004 | 0.09 | 0.05 | 0.03  | 1.7  | 0.05 | 0.025 | 3  | 1.3  | 1DX15  | WHI10000121 |
| BRW102913 | 0.041 | 3   | 1.27 | 0.011 | 0.14 | 0.2  | 0.23  | 7.5  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW102914 | 0.107 | 2   | 1.54 | 0.007 | 0.7  | 0.05 | 0.04  | 6.2  | 0.6  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102915 | 0.129 | 2   | 2.14 | 0.011 | 0.93 | 0.05 | 0.03  | 6.6  | 0.5  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000121 |
| BRW102916 | 0.193 | 1   | 2.48 | 0.01  | 1.12 | 0.05 | 0.005 | 4.4  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW102917 | 0.138 | 2   | 1.85 | 0.012 | 0.42 | 0.05 | 0.02  | 7.8  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW102921 | 0.012 | 0.5 | 2.14 | 0.005 | 0.08 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW102923 | 0.129 | 1   | 2.63 | 0.01  | 0.96 | 0.05 | 0.02  | 7.5  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000121 |
| BRW102940 | 0.096 | 1   | 1.67 | 0.009 | 0.34 | 0.05 | 0.03  | 8.7  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102941 | 0.199 | 0.5 | 3.31 | 0.02  | 1.15 | 0.05 | 0.005 | 13   | 0.6  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000121 |
| BRW102942 | 0.153 | 0.5 | 1.98 | 0.007 | 0.79 | 0.05 | 0.01  | 5.8  | 0.4  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000121 |
| BRW102943 | 0.138 | 0.5 | 1.77 | 0.008 | 0.58 | 0.05 | 0.02  | 6.3  | 0.5  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000121 |
| BRW102944 | 0.165 | 0.5 | 1.62 | 0.006 | 0.82 | 0.05 | 0.02  | 10.9 | 0.8  | 0.025 | 8  | 0.9  | 1DX15  | WHI10000121 |
| BRW102945 | 0.181 | 1   | 1.85 | 0.008 | 0.87 | 0.05 | 0.02  | 8.4  | 0.5  | 0.025 | 7  | 1.1  | 1DX15  | WHI10000121 |
| BRW102946 | 0.138 | 0.5 | 1.87 | 0.008 | 0.93 | 0.05 | 0.02  | 4.6  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW102948 | 0.109 | 1   | 2.09 | 0.006 | 0.5  | 0.05 | 0.05  | 6.4  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102956 | 0.08  | 0.5 | 1.9  | 0.013 | 0.05 | 0.1  | 0.07  | 5.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW102957 | 0.076 | 0.5 | 1.87 | 0.016 | 0.08 | 0.1  | 0.02  | 4.7  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW102958 | 0.091 | 2   | 2.41 | 0.019 | 0.06 | 0.1  | 0.05  | 7.2  | 0.1  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000121 |
| BRW102959 | 0.089 | 2   | 1.87 | 0.017 | 0.07 | 0.1  | 0.06  | 6.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW102961 | 0.074 | 1   | 1.33 | 0.013 | 0.06 | 0.1  | 0.05  | 4.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW102962 | 0.079 | 1   | 1.95 | 0.012 | 0.08 | 0.1  | 0.09  | 7    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102965 | 0.019 | 2   | 1.26 | 0.004 | 0.2  | 0.1  | 0.12  | 6.9  | 0.2  | 0.025 | 3  | 0.9  | 1DX15  | WHI10000121 |
| BRW102971 | 0.234 | 1   | 1.91 | 0.009 | 0.95 | 0.1  | 0.005 | 11.2 | 0.5  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000121 |
| BRW102971 | 0.24  | 1   | 1.93 | 0.01  | 0.99 | 0.05 | 0.01  | 11.8 | 0.5  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000121 |
| BRW102972 | 0.14  | 3   | 2.1  | 0.01  | 0.69 | 0.1  | 0.03  | 8.5  | 0.4  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000121 |
| BRW102974 | 0.102 | 2   | 1.7  | 0.021 | 0.25 | 0.1  | 0.06  | 4.5  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102975 | 0.137 | 2   | 1.82 | 0.032 | 0.31 | 0.1  | 0.03  | 5.6  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102976 | 0.083 | 2   | 1.58 | 0.029 | 0.32 | 0.05 | 0.03  | 4.7  | 0.3  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000121 |
| BRW102977 | 0.236 | 0.5 | 2.9  | 0.016 | 1.7  | 0.1  | 0.005 | 6.9  | 0.9  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000121 |
| BRW102978 | 0.06  | 0.5 | 1.53 | 0.009 | 0.36 | 0.05 | 0.02  | 8.3  | 0.2  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000121 |
| BRW102979 | 0.119 | 1   | 1.62 | 0.016 | 0.31 | 0.05 | 0.04  | 5.8  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW102980 | 0.137 | 2   | 1.72 | 0.039 | 0.46 | 0.2  | 0.02  | 5.7  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW102980 | 0.132 | 3   | 1.69 | 0.038 | 0.45 | 0.2  | 0.02  | 5.4  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW102981 | 0.171 | 3   | 2.33 | 0.02  | 0.86 | 0.05 | 0.03  | 8.1  | 0.4  | 0.025 | 9  | 0.5  | 1DX15  | WHI10000121 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|------|------|-----|------|-------|------|
| BRW102982 | Soil | 599423     | 7005095    | 07V      | 2.5  | 23.4 | 11.8 | 81  | 0.05 | 20.5  | 12.6 |
| BRW102983 | Soil | 599462     | 7005127    | 07V      | 0.6  | 13.4 | 6.2  | 61  | 0.05 | 13.4  | 17.7 |
| BRW102985 | Soil | 599541     | 7005187    | 07V      | 1.1  | 47.8 | 9.4  | 71  | 0.05 | 56.1  | 19.3 |
| BRW102986 | Soil | 599581     | 7005218    | 07V      | 0.6  | 35.8 | 7.8  | 62  | 0.05 | 30.3  | 11.7 |
| BRW102987 | Soil | 599621     | 7005247    | 07V      | 0.5  | 30.8 | 7.5  | 56  | 0.1  | 25.5  | 9.3  |
| BRW102988 | Soil | 599659     | 7005281    | 07V      | 1.2  | 43   | 11.3 | 93  | 0.05 | 39.2  | 14.9 |
| BRW102990 | Soil | 599737     | 7005339    | 07V      | 0.5  | 42.1 | 8    | 61  | 0.1  | 30.4  | 11.3 |
| BRW102991 | Soil | 599775     | 7005361    | 07V      | 0.7  | 33.9 | 8    | 57  | 0.05 | 26.7  | 10.9 |
| BRW102995 | Soil | 599935     | 7005495    | 07V      | 1    | 36.7 | 6.3  | 79  | 0.05 | 26.2  | 14.8 |
| BRW102996 | Soil | 599973     | 7005523    | 07V      | 2    | 18   | 8.1  | 67  | 0.05 | 18.1  | 11.2 |
| BRW103508 | Soil | 595456     | 7005800    | 07V      | 1.4  | 99.6 | 3.4  | 110 | 0.05 | 19    | 22.4 |
| BRW103516 | Soil | 595731     | 7006018    | 07V      | 4.4  | 88.3 | 7.2  | 153 | 0.05 | 79.3  | 18.1 |
| BRW103518 | Soil | 595810     | 7006079    | 07V      | 1.1  | 28.6 | 26.8 | 190 | 0.05 | 50.3  | 8.9  |
| BRW103519 | Soil | 595850     | 7006111    | 07V      | 0.7  | 40.2 | 10.7 | 99  | 0.05 | 52.6  | 20.8 |
| BRW103520 | Soil | 595892     | 7006141    | 07V      | 0.4  | 36.8 | 10.2 | 80  | 0.05 | 38.6  | 14.7 |
| BRW103521 | Soil | 595930     | 7006172    | 07V      | 5.8  | 53.3 | 13.5 | 121 | 0.05 | 31.9  | 15.8 |
| BRW103522 | Soil | 595969     | 7006204    | 07V      | 0.8  | 34   | 14.9 | 75  | 0.05 | 38    | 17   |
| BRW103523 | Soil | 596008     | 7006234    | 07V      | 2    | 40.5 | 15.7 | 112 | 0.05 | 30.8  | 12.8 |
| BRW103524 | Soil | 596046     | 7006265    | 07V      | 1.5  | 44.5 | 15.7 | 111 | 0.05 | 22.2  | 10.3 |
| BRW103551 | Soil | 596343     | 7006114    | 07V      | 1.6  | 42.4 | 9.6  | 119 | 0.05 | 53.5  | 16.6 |
| BRW103554 | Soil | 596223     | 7006022    | 07V      | 2.1  | 58.1 | 21.3 | 115 | 0.05 | 51.8  | 17.4 |
| BRW103559 | Soil | 597741     | 7006192    | 07V      | 1    | 39.7 | 9.4  | 71  | 0.1  | 31.2  | 12.1 |
| BRW103561 | Soil | 597662     | 7006130    | 07V      | 1.5  | 37   | 11.5 | 83  | 0.05 | 16.1  | 7.8  |
| BRW103561 | REP  | 597662     | 7006130    | 07V      | 1.5  | 37.3 | 11.2 | 86  | 0.05 | 15.3  | 8.3  |
| BRW103563 | Soil | 597581     | 7006068    | 07V      | 0.9  | 34.9 | 8.5  | 86  | 0.05 | 24.9  | 14.3 |
| BRW103564 | Soil | 597544     | 7006038    | 07V      | 1.1  | 22   | 5.8  | 158 | 0.05 | 23    | 26.1 |
| BRW103565 | Soil | 597501     | 7006005    | 07V      | 0.6  | 13.9 | 8.1  | 102 | 0.05 | 16.9  | 12.4 |
| BRW103566 | Soil | 597464     | 7005976    | 07V      | 1.2  | 37.1 | 6.6  | 145 | 0.05 | 20    | 17.5 |
| BRW103567 | Soil | 597424     | 7005944    | 07V      | 0.4  | 37.2 | 9.8  | 84  | 0.05 | 45.9  | 20.4 |
| BRW103575 | Soil | 597148     | 7005729    | 07V      | 2.5  | 76.4 | 6.6  | 113 | 0.05 | 106.4 | 24.4 |
| BRW103576 | Soil | 597111     | 7005700    | 07V      | 0.8  | 30.2 | 3.4  | 30  | 0.3  | 22.7  | 8    |
| BRW103581 | Soil | 596993     | 7005608    | 07V      | 3    | 55.8 | 36.8 | 144 | 0.2  | 48    | 20.7 |
| BRW103587 | Soil | 596794     | 7005453    | 07V      | 18.1 | 33.3 | 13.3 | 87  | 0.05 | 46.6  | 17.7 |
| BRW103589 | Soil | 596716     | 7005391    | 07V      | 1    | 28.5 | 7.8  | 63  | 0.1  | 25.8  | 11.2 |
| BRW103590 | Soil | 596675     | 7005360    | 07V      | 0.6  | 34.5 | 8.4  | 60  | 0.05 | 28.1  | 11.8 |
| BRW103602 | Soil | 599325     | 7005145    | 07V      | 6.3  | 26.1 | 6    | 133 | 0.05 | 21.1  | 16.2 |
| BRW103603 | Soil | 599362     | 7005177    | 07V      | 0.9  | 45.6 | 7.3  | 82  | 0.05 | 31.9  | 26.4 |
| BRW103604 | Soil | 599403     | 7005206    | 07V      | 0.9  | 29.3 | 9    | 56  | 0.05 | 28.8  | 11.8 |
| BRW103605 | Soil | 599443     | 7005236    | 07V      | 0.7  | 40.3 | 8.3  | 63  | 0.05 | 43.8  | 16.3 |
| BRW103606 | Soil | 599484     | 7005268    | 07V      | 0.9  | 45   | 11   | 75  | 0.05 | 39.4  | 16.2 |
| BRW103606 | REP  | 599484     | 7005268    | 07V      | 0.9  | 43.6 | 11.3 | 72  | 0.05 | 37.5  | 15.7 |
| BRW103607 | Soil | 599521     | 7005299    | 07V      | 0.8  | 29.5 | 7.2  | 51  | 0.05 | 25.6  | 10.4 |
| BRW103608 | Soil | 599559     | 7005330    | 07V      | 0.7  | 32.7 | 7.6  | 64  | 0.05 | 27.5  | 10.6 |
| BRW103609 | Soil | 599600     | 7005361    | 07V      | 1.7  | 81.9 | 16.2 | 141 | 0.1  | 64.5  | 20.3 |
| BRW103610 | Soil | 599641     | 7005390    | 07V      | 0.6  | 36.5 | 8.8  | 69  | 0.1  | 29.6  | 11.7 |
| BRW103611 | Soil | 599678     | 7005424    | 07V      | 1    | 42.8 | 9.2  | 62  | 0.1  | 32    | 12.3 |
| BRW103612 | Soil | 599717     | 7005455    | 07V      | 0.9  | 36.9 | 8.7  | 63  | 0.05 | 29    | 12.5 |
| BRW103613 | Soil | 599752     | 7005482    | 07V      | 0.7  | 34   | 8.2  | 51  | 0.05 | 27.3  | 10.4 |
| BRW103614 | Soil | 599794     | 7005512    | 07V      | 1.1  | 30.2 | 8.8  | 56  | 0.1  | 26.3  | 10.9 |
| BRW103615 | Soil | 599832     | 7005545    | 07V      | 0.6  | 38.1 | 9.1  | 60  | 0.05 | 28.8  | 12   |
| BRW103616 | Soil | 599871     | 7005573    | 07V      | 0.8  | 31.9 | 7.7  | 59  | 0.1  | 27.5  | 11   |
| BRW103620 | Soil | 599991     | 7005668    | 07V      | 1.1  | 35.3 | 11.2 | 70  | 0.1  | 30.3  | 11.3 |
| BRW103621 | Soil | 600028     | 7005697    | 07V      | 1.2  | 16.4 | 9    | 49  | 0.05 | 17.7  | 8.3  |
| BRW103621 | REP  | 600028     | 7005697    | 07V      | 1.3  | 16   | 8.8  | 48  | 0.05 | 18.8  | 8.8  |
| BRW103622 | Soil | 600070     | 7005727    | 07V      | 1.6  | 38.9 | 12.4 | 99  | 0.2  | 35.8  | 12   |
| BRW103623 | Soil | 600107     | 7005757    | 07V      | 1.5  | 27   | 15.6 | 72  | 0.2  | 27.4  | 13.4 |
| BRW103625 | Soil | 600566     | 7005097    | 07V      | 14.6 | 26.5 | 12.4 | 63  | 0.1  | 25.1  | 9    |
| BRW103626 | Soil | 600527     | 7005067    | 07V      | 1.5  | 29.7 | 15.2 | 102 | 0.2  | 30.1  | 11.4 |
| BRW103629 | Soil | 600407     | 7004975    | 07V      | 1.5  | 18   | 10.4 | 64  | 0.05 | 21.3  | 11.7 |
| BRW103647 | Soil | 599735     | 7004454    | 07V      | 1.4  | 40.1 | 8.8  | 65  | 0.1  | 27.4  | 11.7 |
| BRW103649 | Soil | 599656     | 7004390    | 07V      | 1.1  | 28.2 | 7.7  | 71  | 0.05 | 26.9  | 14.1 |
| BRW103650 | Soil | 599616     | 7004359    | 07V      | 1.1  | 23.6 | 8.5  | 77  | 0.05 | 18.2  | 10.7 |
| BRW103776 | Soil | 595627     | 7005808    | 07V      | 0.8  | 33.5 | 6.8  | 78  | 0.05 | 12.1  | 12.8 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|------|------|-----|------|------|------|-----|------|-------|-----|-----|------|------|
| BRW102982 | 495  | 3.75 | 7.6  | 0.7 | 7.6  | 7.2  | 22  | 0.1  | 0.6  | 0.1  | 68  | 0.31 | 0.05  | 27  | 33  | 0.65 | 234  |
| BRW102983 | 519  | 3.01 | 2.9  | 0.4 | 3.7  | 8.7  | 20  | 0.05 | 0.2  | 0.05 | 67  | 0.57 | 0.097 | 51  | 96  | 1.48 | 268  |
| BRW102985 | 477  | 3.41 | 16.2 | 0.6 | 6.6  | 6.6  | 26  | 0.2  | 1    | 0.1  | 76  | 0.83 | 0.062 | 22  | 155 | 0.92 | 303  |
| BRW102986 | 455  | 2.63 | 9.9  | 0.5 | 3    | 4.1  | 46  | 0.1  | 0.7  | 0.1  | 55  | 1.3  | 0.078 | 14  | 38  | 0.73 | 277  |
| BRW102987 | 311  | 2.45 | 8.5  | 0.6 | 2.1  | 3.6  | 37  | 0.1  | 0.7  | 0.2  | 50  | 0.72 | 0.076 | 14  | 31  | 0.6  | 261  |
| BRW102988 | 534  | 3.46 | 14.7 | 0.8 | 2.9  | 5.4  | 45  | 0.3  | 1.3  | 0.2  | 66  | 1.27 | 0.072 | 19  | 41  | 0.77 | 268  |
| BRW102990 | 433  | 2.65 | 10.9 | 0.5 | 4.6  | 3.7  | 65  | 0.2  | 0.8  | 0.2  | 61  | 2.44 | 0.07  | 14  | 31  | 0.68 | 321  |
| BRW102991 | 398  | 2.68 | 9.2  | 0.5 | 4.5  | 3.6  | 36  | 0.1  | 0.8  | 0.2  | 56  | 0.6  | 0.052 | 13  | 32  | 0.53 | 270  |
| BRW102995 | 554  | 5.06 | 21.6 | 1.5 | 4.1  | 9.6  | 19  | 0.05 | 0.8  | 0.2  | 68  | 0.47 | 0.043 | 26  | 48  | 1.11 | 321  |
| BRW102996 | 1195 | 3.62 | 7.4  | 1.9 | 2.7  | 5.3  | 22  | 0.05 | 0.8  | 0.1  | 33  | 0.29 | 0.038 | 13  | 18  | 0.31 | 231  |
| BRW103508 | 988  | 5.68 | 4    | 0.6 | 1    | 1.9  | 54  | 0.05 | 0.3  | 0.05 | 179 | 0.83 | 0.069 | 9   | 37  | 1.24 | 430  |
| BRW103516 | 299  | 4.06 | 84.8 | 1.5 | 2.7  | 18.9 | 16  | 0.2  | 0.05 | 0.05 | 124 | 0.54 | 0.156 | 42  | 89  | 1.31 | 1294 |
| BRW103518 | 983  | 3.14 | 20.6 | 2.7 | 1.9  | 24   | 20  | 0.6  | 0.4  | 0.2  | 40  | 0.64 | 0.181 | 79  | 61  | 0.27 | 177  |
| BRW103519 | 565  | 5.28 | 1.8  | 0.8 | 0.9  | 27.5 | 16  | 0.05 | 0.05 | 0.05 | 43  | 0.25 | 0.044 | 39  | 43  | 0.79 | 277  |
| BRW103520 | 594  | 4.55 | 3.4  | 1   | 0.25 | 24.5 | 14  | 0.05 | 0.2  | 0.05 | 32  | 0.3  | 0.058 | 30  | 35  | 0.73 | 504  |
| BRW103521 | 823  | 4.92 | 47.8 | 1.1 | 6.7  | 11.1 | 15  | 0.2  | 2.4  | 0.3  | 82  | 0.5  | 0.135 | 21  | 28  | 0.66 | 1049 |
| BRW103522 | 660  | 4.23 | 2.9  | 1.1 | 0.7  | 19.8 | 16  | 0.05 | 0.1  | 0.05 | 36  | 0.2  | 0.028 | 34  | 41  | 0.72 | 299  |
| BRW103523 | 1096 | 4.38 | 15.9 | 1.1 | 4.3  | 7.7  | 21  | 0.2  | 0.9  | 0.1  | 54  | 0.31 | 0.041 | 24  | 34  | 0.4  | 521  |
| BRW103524 | 438  | 4.36 | 6.5  | 1.6 | 0.25 | 5.9  | 17  | 0.1  | 0.3  | 0.1  | 55  | 0.13 | 0.033 | 24  | 21  | 0.36 | 1208 |
| BRW103551 | 653  | 5.15 | 5.4  | 0.9 | 5.9  | 16.8 | 18  | 0.1  | 0.3  | 0.05 | 102 | 0.27 | 0.047 | 43  | 81  | 0.93 | 490  |
| BRW103554 | 658  | 4.84 | 50.5 | 1.5 | 7    | 16.5 | 27  | 0.1  | 0.9  | 0.2  | 48  | 0.32 | 0.06  | 35  | 32  | 0.23 | 237  |
| BRW103559 | 537  | 3.11 | 15.8 | 0.5 | 3.5  | 4.3  | 38  | 0.05 | 0.9  | 0.2  | 58  | 0.88 | 0.055 | 16  | 32  | 0.62 | 331  |
| BRW103561 | 289  | 3.83 | 3.5  | 2.3 | 0.8  | 16.4 | 27  | 0.05 | 0.2  | 0.05 | 41  | 0.15 | 0.025 | 28  | 33  | 0.86 | 200  |
| BRW103561 | 303  | 3.93 | 3.5  | 2.1 | 0.6  | 16.2 | 27  | 0.05 | 0.2  | 0.05 | 42  | 0.15 | 0.024 | 28  | 33  | 0.89 | 206  |
| BRW103563 | 687  | 3.68 | 8.3  | 0.6 | 2.2  | 5.3  | 33  | 0.1  | 0.5  | 0.2  | 72  | 0.82 | 0.096 | 17  | 33  | 1.03 | 392  |
| BRW103564 | 1104 | 6.58 | 2    | 0.9 | 2.4  | 17.9 | 16  | 0.05 | 0.3  | 0.05 | 126 | 0.56 | 0.16  | 85  | 57  | 2.41 | 538  |
| BRW103565 | 445  | 5.36 | 4.1  | 0.6 | 1    | 31.8 | 18  | 0.05 | 0.2  | 0.05 | 54  | 0.29 | 0.032 | 51  | 12  | 1.66 | 941  |
| BRW103566 | 670  | 6.68 | 3.4  | 0.8 | 1.4  | 40.9 | 16  | 0.05 | 0.1  | 0.05 | 113 | 0.42 | 0.096 | 170 | 50  | 1.89 | 1177 |
| BRW103567 | 477  | 4.79 | 24.8 | 0.8 | 2.4  | 30.5 | 11  | 0.05 | 1.3  | 0.05 | 47  | 0.3  | 0.042 | 62  | 49  | 1.43 | 456  |
| BRW103575 | 600  | 5.38 | 4.4  | 1.4 | 0.6  | 12.3 | 31  | 0.1  | 0.2  | 0.1  | 137 | 0.46 | 0.094 | 30  | 149 | 2.17 | 642  |
| BRW103576 | 349  | 1.34 | 4.3  | 9   | 0.25 | 1.2  | 187 | 0.3  | 0.2  | 0.05 | 20  | 3.51 | 0.066 | 14  | 21  | 0.58 | 565  |
| BRW103581 | 604  | 5.11 | 23   | 1.7 | 2.5  | 20.3 | 21  | 0.2  | 1.5  | 0.1  | 57  | 0.27 | 0.074 | 40  | 41  | 0.36 | 539  |
| BRW103587 | 662  | 4.86 | 3    | 1.4 | 17.4 | 19.9 | 25  | 0.05 | 0.3  | 0.05 | 37  | 0.41 | 0.03  | 34  | 45  | 0.64 | 261  |
| BRW103589 | 476  | 2.66 | 9    | 0.8 | 4.2  | 2.7  | 52  | 0.2  | 0.7  | 0.2  | 60  | 1.08 | 0.071 | 12  | 30  | 0.68 | 279  |
| BRW103590 | 449  | 2.77 | 9.4  | 1   | 6    | 3.9  | 48  | 0.2  | 0.7  | 0.2  | 61  | 0.91 | 0.075 | 14  | 34  | 0.66 | 321  |
| BRW103602 | 687  | 5.92 | 6    | 1.5 | 1.7  | 9.9  | 20  | 0.1  | 0.2  | 0.05 | 93  | 0.67 | 0.244 | 53  | 29  | 1.2  | 225  |
| BRW103603 | 693  | 5.42 | 6.6  | 0.7 | 3.7  | 5.9  | 34  | 0.05 | 0.6  | 0.1  | 130 | 1.14 | 0.112 | 34  | 47  | 1.15 | 392  |
| BRW103604 | 486  | 2.9  | 10.4 | 0.6 | 1.3  | 5    | 35  | 0.05 | 0.6  | 0.2  | 61  | 0.52 | 0.033 | 19  | 47  | 0.64 | 263  |
| BRW103605 | 480  | 3.21 | 8.5  | 0.8 | 0.8  | 13.2 | 36  | 0.1  | 0.3  | 0.1  | 71  | 1.77 | 0.113 | 41  | 147 | 1.25 | 258  |
| BRW103606 | 616  | 3.26 | 15.8 | 0.6 | 1.9  | 5.9  | 42  | 0.2  | 0.9  | 0.2  | 77  | 0.89 | 0.062 | 18  | 56  | 0.77 | 314  |
| BRW103606 | 617  | 3.08 | 15.8 | 0.6 | 2.3  | 6.1  | 38  | 0.1  | 1    | 0.2  | 69  | 0.84 | 0.061 | 17  | 54  | 0.76 | 302  |
| BRW103607 | 407  | 2.5  | 9.9  | 0.6 | 6.8  | 4    | 44  | 0.1  | 0.6  | 0.1  | 59  | 1.01 | 0.089 | 14  | 28  | 0.69 | 236  |
| BRW103608 | 419  | 2.59 | 9.2  | 0.6 | 4.7  | 3.4  | 48  | 0.4  | 0.7  | 0.1  | 60  | 1.35 | 0.079 | 13  | 30  | 0.74 | 308  |
| BRW103609 | 628  | 4    | 14.5 | 2.1 | 5.2  | 8.6  | 37  | 0.4  | 2    | 0.2  | 63  | 0.63 | 0.056 | 23  | 37  | 0.49 | 325  |
| BRW103610 | 435  | 2.7  | 10   | 1   | 3    | 3.8  | 66  | 0.3  | 0.9  | 0.2  | 60  | 1.47 | 0.057 | 13  | 30  | 0.69 | 320  |
| BRW103611 | 538  | 2.84 | 10.5 | 1.2 | 3.3  | 3.6  | 51  | 0.2  | 1    | 0.2  | 58  | 0.85 | 0.048 | 16  | 32  | 0.61 | 343  |
| BRW103612 | 450  | 3    | 10.1 | 0.7 | 4    | 3.7  | 34  | 0.2  | 0.8  | 0.2  | 59  | 0.61 | 0.053 | 14  | 34  | 0.59 | 254  |
| BRW103613 | 345  | 2.68 | 9.1  | 1   | 4.2  | 3.8  | 39  | 0.1  | 0.8  | 0.2  | 56  | 0.57 | 0.05  | 14  | 30  | 0.5  | 256  |
| BRW103614 | 412  | 2.68 | 9.4  | 0.7 | 5    | 3.4  | 34  | 0.2  | 0.8  | 0.2  | 57  | 0.61 | 0.048 | 14  | 30  | 0.53 | 266  |
| BRW103615 | 463  | 2.64 | 8.9  | 0.5 | 1.1  | 3.3  | 47  | 0.2  | 1    | 0.2  | 58  | 1.12 | 0.048 | 13  | 31  | 0.58 | 383  |
| BRW103616 | 347  | 2.55 | 10.8 | 0.9 | 4    | 3.3  | 52  | 0.2  | 0.8  | 0.1  | 55  | 1.21 | 0.083 | 13  | 27  | 0.65 | 251  |
| BRW103620 | 472  | 2.87 | 12.2 | 1.1 | 3.4  | 3.9  | 47  | 0.2  | 0.8  | 0.2  | 59  | 1.01 | 0.068 | 15  | 30  | 0.65 | 296  |
| BRW103621 | 475  | 2.88 | 6.4  | 1   | 1.7  | 4.4  | 21  | 0.2  | 0.6  | 0.2  | 51  | 0.41 | 0.025 | 14  | 26  | 0.35 | 310  |
| BRW103621 | 499  | 2.98 | 6.7  | 1   | 2.4  | 4.5  | 22  | 0.2  | 0.6  | 0.2  | 53  | 0.41 | 0.025 | 14  | 26  | 0.36 | 303  |
| BRW103622 | 308  | 3.59 | 7.6  | 1.8 | 6.1  | 9.6  | 27  | 0.2  | 0.7  | 0.2  | 53  | 0.43 | 0.054 | 25  | 31  | 0.42 | 231  |
| BRW103623 | 358  | 3.38 | 12.2 | 1.5 | 2.7  | 6.6  | 22  | 0.05 | 1.1  | 0.3  | 48  | 0.23 | 0.028 | 17  | 28  | 0.38 | 242  |
| BRW103625 | 213  | 3.33 | 10.7 | 3   | 14.7 | 7.4  | 28  | 0.1  | 1.7  | 0.6  | 46  | 0.17 | 0.05  | 24  | 30  | 0.29 | 236  |
| BRW103626 | 443  | 3.4  | 7.5  | 5.4 | 4.8  | 7.6  | 18  | 0.2  | 0.8  | 1    | 48  | 0.19 | 0.093 | 25  | 29  | 0.3  | 231  |
| BRW103629 | 436  | 3.15 | 11.9 | 1   | 4    | 4.1  | 22  | 0.05 | 0.6  | 0.2  | 62  | 0.23 | 0.081 | 15  | 33  | 0.44 | 196  |
| BRW103647 | 512  | 3.06 | 20.5 | 1.5 | 4.9  | 6.2  | 27  | 0.05 | 0.9  | 0.1  | 68  | 0.34 | 0.035 | 17  | 47  | 0.51 | 277  |
| BRW103649 | 401  | 3.72 | 9.9  | 1.2 | 2.6  | 7    | 26  | 0.05 | 0.5  | 0.1  | 85  | 0.54 | 0.078 | 25  | 52  | 0.79 | 286  |
| BRW103650 | 364  | 3.78 | 7.2  | 0.8 | 3.2  | 9.4  | 20  | 0.05 | 0.4  | 0.05 | 67  | 0.5  | 0.099 | 27  | 32  | 0.7  | 284  |
| BRW103776 | 407  | 3.88 | 15.9 | 0.7 | 0.25 | 7.4  | 32  | 0.05 | 0.8  | 0.05 | 49  | 0.29 | 0.037 | 16  | 23  | 0.76 | 281  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Tl   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW102982 | 0.117 | 2   | 2.34 | 0.012 | 0.58 | 0.1  | 0.01  | 8.3  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW102983 | 0.142 | 0.5 | 2.1  | 0.009 | 0.62 | 0.05 | 0.005 | 8.3  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW102985 | 0.106 | 2   | 1.89 | 0.019 | 0.32 | 0.1  | 0.04  | 8.4  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW102986 | 0.087 | 3   | 1.36 | 0.04  | 0.08 | 0.2  | 0.04  | 4.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW102987 | 0.076 | 3   | 1.3  | 0.031 | 0.09 | 0.2  | 0.03  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW102988 | 0.087 | 3   | 1.7  | 0.033 | 0.21 | 0.1  | 0.03  | 5.8  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000121 |
| BRW102990 | 0.096 | 2   | 1.47 | 0.038 | 0.08 | 0.2  | 0.05  | 4.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW102991 | 0.084 | 3   | 1.49 | 0.027 | 0.08 | 0.2  | 0.04  | 4.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW102995 | 0.18  | 4   | 2.36 | 0.012 | 0.89 | 0.1  | 0.05  | 11   | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW102996 | 0.02  | 6   | 1.07 | 0.006 | 0.32 | 0.1  | 0.11  | 9.6  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103508 | 0.095 | 1   | 2.73 | 0.026 | 0.28 | 0.05 | 0.03  | 14.7 | 0.2  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000121 |
| BRW103516 | 0.084 | 0.5 | 2.89 | 0.007 | 0.56 | 0.05 | 0.005 | 5.5  | 0.3  | 0.025 | 8  | 2.2  | 1DX15  | WHI10000121 |
| BRW103518 | 0.005 | 4   | 1.06 | 0.005 | 0.07 | 0.3  | 0.05  | 10   | 0.05 | 0.05  | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW103519 | 0.155 | 0.5 | 1.97 | 0.008 | 0.99 | 0.05 | 0.02  | 4    | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW103520 | 0.106 | 1   | 2.01 | 0.008 | 0.73 | 0.05 | 0.04  | 4.1  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103521 | 0.082 | 0.5 | 1.73 | 0.005 | 0.73 | 0.05 | 0.12  | 8.2  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW103522 | 0.1   | 0.5 | 1.77 | 0.007 | 0.88 | 0.05 | 0.01  | 4.1  | 0.5  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103523 | 0.023 | 1   | 1.47 | 0.007 | 0.14 | 0.05 | 0.04  | 9.4  | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000121 |
| BRW103524 | 0.071 | 1   | 1.16 | 0.008 | 0.31 | 0.1  | 0.05  | 15.2 | 0.2  | 0.06  | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW103551 | 0.171 | 1   | 2.09 | 0.01  | 0.88 | 0.05 | 0.01  | 8.8  | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000121 |
| BRW103554 | 0.006 | 2   | 1.21 | 0.006 | 0.11 | 0.05 | 0.08  | 8.2  | 0.1  | 0.05  | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW103559 | 0.069 | 2   | 1.5  | 0.021 | 0.13 | 0.2  | 0.04  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103561 | 0.116 | 0.5 | 2.01 | 0.01  | 0.8  | 0.05 | 0.01  | 3.3  | 0.5  | 0.06  | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW103561 | 0.118 | 0.5 | 2.05 | 0.011 | 0.82 | 0.05 | 0.01  | 3.3  | 0.5  | 0.06  | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW103563 | 0.106 | 1   | 1.84 | 0.024 | 0.43 | 0.1  | 0.03  | 6.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW103564 | 0.169 | 0.5 | 3.64 | 0.016 | 1.39 | 0.05 | 0.04  | 16.8 | 0.5  | 0.025 | 16 | 0.25 | 1DX15  | WHI10000121 |
| BRW103565 | 0.363 | 0.5 | 3.15 | 0.012 | 1.66 | 0.05 | 0.01  | 6.7  | 0.6  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000121 |
| BRW103566 | 0.321 | 0.5 | 3.49 | 0.012 | 1.54 | 0.05 | 0.02  | 15.1 | 0.5  | 0.025 | 15 | 0.25 | 1DX15  | WHI10000121 |
| BRW103567 | 0.102 | 0.5 | 2.28 | 0.009 | 0.5  | 0.05 | 0.03  | 4.1  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW103575 | 0.232 | 0.5 | 3.69 | 0.03  | 1.21 | 0.05 | 0.005 | 7.1  | 0.5  | 0.025 | 12 | 1.2  | 1DX15  | WHI10000121 |
| BRW103576 | 0.036 | 6   | 0.8  | 0.021 | 0.13 | 0.05 | 0.04  | 1.9  | 0.05 | 0.33  | 2  | 1.8  | 1DX15  | WHI10000121 |
| BRW103581 | 0.041 | 3   | 0.87 | 0.005 | 0.33 | 0.05 | 0.08  | 7.3  | 0.3  | 0.025 | 4  | 1.7  | 1DX15  | WHI10000121 |
| BRW103587 | 0.092 | 3   | 1.54 | 0.006 | 0.6  | 0.05 | 0.04  | 7.6  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW103589 | 0.083 | 3   | 1.4  | 0.036 | 0.09 | 0.1  | 0.02  | 3.2  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW103590 | 0.085 | 2   | 1.54 | 0.028 | 0.08 | 0.2  | 0.03  | 3.7  | 0.05 | 0.025 | 4  | 0.9  | 1DX15  | WHI10000121 |
| BRW103602 | 0.251 | 1   | 2.7  | 0.008 | 1.74 | 0.05 | 0.02  | 11.2 | 0.8  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000121 |
| BRW103603 | 0.096 | 2   | 2.43 | 0.018 | 0.46 | 0.05 | 0.04  | 13.1 | 0.3  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000121 |
| BRW103604 | 0.1   | 3   | 1.66 | 0.029 | 0.12 | 0.1  | 0.04  | 5.1  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000121 |
| BRW103605 | 0.131 | 2   | 1.59 | 0.018 | 0.5  | 0.1  | 0.01  | 5.8  | 0.4  | 0.05  | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW103606 | 0.099 | 2   | 1.66 | 0.031 | 0.16 | 0.2  | 0.05  | 5.5  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW103606 | 0.097 | 2   | 1.62 | 0.029 | 0.16 | 0.1  | 0.04  | 5.2  | 0.2  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000121 |
| BRW103607 | 0.084 | 3   | 1.16 | 0.03  | 0.08 | 0.2  | 0.04  | 3.7  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000121 |
| BRW103608 | 0.092 | 3   | 1.32 | 0.035 | 0.11 | 0.2  | 0.04  | 3.7  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000121 |
| BRW103609 | 0.051 | 3   | 1.56 | 0.017 | 0.24 | 0.2  | 0.09  | 6.7  | 0.2  | 0.025 | 5  | 1    | 1DX15  | WHI10000121 |
| BRW103610 | 0.098 | 3   | 1.57 | 0.043 | 0.11 | 0.1  | 0.05  | 4    | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000121 |
| BRW103611 | 0.081 | 3   | 1.59 | 0.029 | 0.09 | 0.2  | 0.07  | 4.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103612 | 0.067 | 2   | 1.62 | 0.02  | 0.11 | 0.2  | 0.06  | 5    | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000121 |
| BRW103613 | 0.076 | 1   | 1.4  | 0.026 | 0.08 | 0.1  | 0.04  | 4.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103614 | 0.071 | 1   | 1.41 | 0.024 | 0.09 | 0.2  | 0.04  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103615 | 0.078 | 2   | 1.43 | 0.029 | 0.08 | 0.1  | 0.04  | 3.8  | 0.05 | 0.025 | 5  | 0.9  | 1DX15  | WHI10000121 |
| BRW103616 | 0.083 | 3   | 1.26 | 0.033 | 0.07 | 0.3  | 0.03  | 3.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103620 | 0.07  | 3   | 1.4  | 0.025 | 0.15 | 0.2  | 0.05  | 4    | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW103621 | 0.057 | 2   | 1.35 | 0.014 | 0.17 | 0.05 | 0.09  | 4.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103621 | 0.06  | 3   | 1.41 | 0.014 | 0.18 | 0.1  | 0.07  | 4.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103622 | 0.058 | 2   | 1.17 | 0.011 | 0.2  | 0.05 | 0.11  | 5.3  | 0.3  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000121 |
| BRW103623 | 0.049 | 2   | 1.26 | 0.012 | 0.14 | 0.05 | 0.05  | 4.2  | 0.1  | 0.025 | 3  | 1    | 1DX15  | WHI10000121 |
| BRW103625 | 0.03  | 2   | 1.23 | 0.01  | 0.12 | 0.1  | 0.05  | 5.5  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000121 |
| BRW103626 | 0.041 | 2   | 1.37 | 0.007 | 0.3  | 0.1  | 0.04  | 4    | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103629 | 0.054 | 1   | 1.84 | 0.009 | 0.12 | 0.1  | 0.02  | 3.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW103647 | 0.087 | 0.5 | 1.82 | 0.013 | 0.09 | 0.1  | 0.03  | 6.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103649 | 0.114 | 0.5 | 2.18 | 0.017 | 0.25 | 0.1  | 0.03  | 7.9  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW103650 | 0.148 | 1   | 2.23 | 0.015 | 0.59 | 0.1  | 0.02  | 7.3  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW103776 | 0.045 | 1   | 2.18 | 0.009 | 0.11 | 0.05 | 0.04  | 3.6  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|------|------|-----|------|-------|------|
| BRW103776 | REP  | 595627     | 7005808    | 07V      | 0.8  | 31.2 | 6.4  | 77  | 0.05 | 11.6  | 11.6 |
| BRW103777 | Soil | 595666     | 7005840    | 07V      | 0.05 | 9.9  | 1.3  | 33  | 0.05 | 45    | 8.1  |
| BRW103782 | Soil | 595824     | 7005963    | 07V      | 6.3  | 114  | 8.5  | 315 | 0.2  | 107.7 | 16.7 |
| BRW103793 | Soil | 595375     | 7005484    | 07V      | 0.6  | 45.8 | 5.4  | 66  | 0.05 | 45.6  | 20   |
| BRW103816 | Soil | 596139     | 7005193    | 07V      | 1.2  | 79.2 | 5.8  | 115 | 0.05 | 33    | 23   |
| BRW103821 | Soil | 595940     | 7005039    | 07V      | 0.6  | 45.8 | 2.5  | 117 | 0.05 | 14.4  | 21.5 |
| BRW103824 | Soil | 595780     | 7004917    | 07V      | 0.8  | 34   | 8.1  | 62  | 0.1  | 26.2  | 10.9 |
| BRW103837 | Soil | 598790     | 7005742    | 07V      | 1.2  | 38.5 | 8.1  | 62  | 0.05 | 31.9  | 11   |
| BRW103838 | Soil | 598831     | 7005772    | 07V      | 1.9  | 25.8 | 8.7  | 87  | 0.05 | 28.2  | 12.1 |
| BRW103850 | Soil | 599301     | 7006144    | 07V      | 1    | 28.6 | 12.1 | 59  | 0.05 | 32.1  | 13.2 |
| BRW103851 | Soil | 599339     | 7006172    | 07V      | 3.8  | 30   | 11.7 | 58  | 0.05 | 34.4  | 12.4 |
| BRW103857 | Soil | 599576     | 7006357    | 07V      | 1.5  | 19.1 | 12.2 | 56  | 0.2  | 20.1  | 8.9  |
| BRW103858 | Soil | 599616     | 7006390    | 07V      | 1.8  | 37.4 | 21.5 | 82  | 0.05 | 41.2  | 13.9 |
| BRW103859 | Soil | 599616     | 7006390    | 07V      | 2    | 40.2 | 25.3 | 91  | 0.05 | 45.7  | 15.4 |
| BRW103860 | Soil | 598866     | 7004914    | 07V      | 1.5  | 37.2 | 7.8  | 133 | 0.05 | 20.3  | 12   |
| BRW103861 | Soil | 598906     | 7004942    | 07V      | 1.6  | 60.5 | 17.9 | 126 | 0.05 | 51.2  | 18   |
| BRW103862 | Soil | 598946     | 7004973    | 07V      | 2.2  | 44.4 | 17.4 | 84  | 0.05 | 30.6  | 13.5 |
| BRW103863 | Soil | 598986     | 7005003    | 07V      | 1.1  | 19.4 | 9.8  | 71  | 0.1  | 22.1  | 10   |
| BRW103864 | Soil | 599023     | 7005034    | 07V      | 1.4  | 75.8 | 13.6 | 145 | 0.2  | 58    | 23.7 |
| BRW103865 | Soil | 599064     | 7005067    | 07V      | 0.8  | 47.8 | 10.3 | 146 | 0.1  | 142.6 | 22.4 |
| BRW103866 | Soil | 599105     | 7005095    | 07V      | 2    | 70.6 | 13.3 | 155 | 0.05 | 54.2  | 15.2 |
| BRW103867 | Soil | 599142     | 7005128    | 07V      | 0.9  | 34.4 | 7.7  | 58  | 0.1  | 28.2  | 9.7  |
| BRW103868 | Soil | 599180     | 7005161    | 07V      | 1.1  | 16.2 | 9.7  | 83  | 0.05 | 15.9  | 10.4 |
| BRW103869 | Soil | 599220     | 7005192    | 07V      | 0.6  | 37.1 | 4    | 66  | 0.05 | 28    | 30.9 |
| BRW103869 | REP  | 599220     | 7005192    | 07V      | 0.7  | 36.9 | 3.8  | 65  | 0.05 | 28    | 30.2 |
| BRW103870 | Soil | 599259     | 7005222    | 07V      | 2.2  | 19.1 | 10   | 89  | 0.05 | 13    | 13   |
| BRW103871 | Soil | 599300     | 7005253    | 07V      | 2.5  | 58.5 | 7.2  | 117 | 0.05 | 48.8  | 15.3 |
| BRW103873 | Soil | 599379     | 7005315    | 07V      | 0.6  | 40.7 | 5.4  | 60  | 0.05 | 115.7 | 23   |
| BRW103874 | Soil | 599421     | 7005343    | 07V      | 0.9  | 40.9 | 10   | 71  | 0.05 | 35.7  | 15   |
| BRW103875 | Soil | 599457     | 7005378    | 07V      | 0.9  | 37.9 | 7.4  | 57  | 0.2  | 28.9  | 10.5 |
| BRW103876 | Soil | 599497     | 7005407    | 07V      | 2    | 78.4 | 22.8 | 178 | 0.1  | 86.4  | 18.9 |
| BRW103877 | Soil | 599537     | 7005436    | 07V      | 1.1  | 32   | 9.7  | 64  | 0.05 | 32.4  | 11.1 |
| BRW103878 | Soil | 599577     | 7005468    | 07V      | 0.5  | 42.4 | 8.6  | 61  | 0.1  | 30.7  | 11.1 |
| BRW103879 | Soil | 599616     | 7005500    | 07V      | 0.9  | 32.8 | 7.7  | 54  | 0.05 | 26.7  | 11.4 |
| BRW103880 | Soil | 599657     | 7005531    | 07V      | 0.7  | 29.5 | 7.8  | 51  | 0.05 | 24.2  | 10.7 |
| BRW103881 | Soil | 599689     | 7005561    | 07V      | 0.9  | 31.9 | 8.5  | 59  | 0.05 | 28.1  | 13.3 |
| BRW103882 | Soil | 599732     | 7005592    | 07V      | 0.7  | 29.4 | 8.4  | 58  | 0.05 | 27.4  | 11.1 |
| BRW103883 | Soil | 599770     | 7005622    | 07V      | 0.8  | 25.2 | 10.2 | 62  | 0.05 | 27.1  | 11.3 |
| BRW103884 | Soil | 599810     | 7005654    | 07V      | 0.7  | 35.9 | 10.2 | 60  | 0.1  | 27.6  | 10.4 |
| BRW103885 | Soil | 599850     | 7005683    | 07V      | 0.8  | 26.8 | 10.3 | 53  | 0.05 | 23.5  | 10.8 |
| BRW103886 | Soil | 599890     | 7005715    | 07V      | 0.8  | 40.6 | 9.1  | 67  | 0.2  | 30.9  | 10.8 |
| BRW103886 | REP  | 599890     | 7005715    | 07V      | 0.9  | 42.1 | 9.4  | 69  | 0.2  | 31.7  | 11.2 |
| BRW103887 | Soil | 599928     | 7005744    | 07V      | 0.8  | 29.4 | 9.1  | 58  | 0.05 | 28.2  | 11.1 |
| BRW103888 | Soil | 599968     | 7005775    | 07V      | 1.5  | 46.5 | 18.5 | 112 | 0.2  | 36.8  | 15.5 |
| BRW103889 | Soil | 600007     | 7005807    | 07V      | 1.1  | 29.7 | 10.1 | 63  | 0.2  | 26.4  | 9.9  |
| BRW103890 | Soil | 600050     | 7005837    | 07V      | 1.6  | 41.2 | 11.5 | 118 | 0.2  | 46.2  | 15.2 |
| BRW103891 | Soil | 600540     | 7005207    | 07V      | 1.2  | 26.7 | 15.8 | 77  | 0.05 | 23.6  | 7.4  |
| BRW103896 | Soil | 600341     | 7005052    | 07V      | 1.2  | 20   | 14.5 | 72  | 0.1  | 23.3  | 13.5 |
| BRW103898 | Soil | 600263     | 7004991    | 07V      | 1.1  | 26.1 | 11   | 78  | 0.05 | 28.7  | 11.5 |
| BRW103934 | Soil | 598497     | 7005386    | 07V      | 1.8  | 58.3 | 11.3 | 132 | 0.05 | 69.1  | 21.6 |
| BRW103936 | Soil | 598575     | 7005446    | 07V      | 0.7  | 60.2 | 13.4 | 102 | 0.05 | 98    | 16.1 |
| BRW103938 | Soil | 598654     | 7005508    | 07V      | 1.3  | 29.1 | 9.5  | 61  | 0.1  | 32.1  | 12.9 |
| BRW103959 | Soil | 599441     | 7006127    | 07V      | 66.8 | 33.1 | 23.5 | 52  | 0.2  | 42.5  | 12.4 |
| BRW103975 | Soil | 596473     | 7006597    | 07V      | 1    | 31.8 | 8.4  | 75  | 0.1  | 44.4  | 12.4 |
| BRW103977 | Soil | 596551     | 7006656    | 07V      | 1.8  | 52.9 | 8.6  | 104 | 0.05 | 64.9  | 14.3 |
| BRW103978 | Soil | 596590     | 7006688    | 07V      | 0.7  | 79.3 | 3.6  | 73  | 0.05 | 26.6  | 24   |
| BRW103979 | Soil | 596631     | 7006718    | 07V      | 0.3  | 19.7 | 3.5  | 104 | 0.05 | 21.7  | 21   |
| BRW103980 | Soil | 596668     | 7006750    | 07V      | 0.1  | 40.3 | 1.3  | 74  | 0.05 | 6.7   | 19.4 |
| BRW103982 | Soil | 596747     | 7006812    | 07V      | 4.1  | 30.7 | 8.3  | 111 | 0.05 | 49.4  | 14.2 |
| BRW103983 | Soil | 596789     | 7006842    | 07V      | 2.3  | 41.4 | 9.9  | 23  | 0.05 | 8.6   | 2.1  |
| BRW103984 | Soil | 596828     | 7006875    | 07V      | 2.2  | 68.1 | 10.6 | 131 | 0.05 | 37.3  | 9    |
| BRW104042 | Soil | 597003     | 7005996    | 07V      | 1.9  | 21.7 | 10.7 | 55  | 0.05 | 17.8  | 9.2  |
| BRW104043 | Soil | 596964     | 7005964    | 07V      | 1.5  | 42.2 | 11.4 | 102 | 0.05 | 57.9  | 22.2 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|------|------|----|------|------|------|-----|------|-------|----|-----|------|------|
| BRW103776 | 385  | 3.65 | 15.9 | 0.6 | 0.25 | 7.2  | 31 | 0.05 | 0.8  | 0.05 | 46  | 0.28 | 0.036 | 15 | 22  | 0.74 | 274  |
| BRW103777 | 444  | 1.33 | 1.7  | 0.1 | 0.25 | 0.8  | 42 | 0.05 | 0.05 | 0.05 | 38  | 0.6  | 0.108 | 4  | 197 | 1.22 | 48   |
| BRW103782 | 282  | 3.96 | 51.6 | 0.9 | 1.4  | 5    | 22 | 0.9  | 0.4  | 0.1  | 286 | 0.71 | 0.212 | 21 | 130 | 1.64 | 1675 |
| BRW103793 | 644  | 3.96 | 5.7  | 0.4 | 3.9  | 3.3  | 42 | 0.05 | 0.5  | 0.05 | 110 | 1.05 | 0.048 | 16 | 103 | 1.42 | 251  |
| BRW103816 | 790  | 5.64 | 18.6 | 1   | 2.6  | 13.1 | 35 | 0.05 | 0.5  | 0.05 | 96  | 0.81 | 0.104 | 39 | 43  | 0.91 | 576  |
| BRW103821 | 805  | 5.86 | 2.4  | 0.7 | 0.6  | 1.6  | 28 | 0.05 | 0.2  | 0.05 | 133 | 0.72 | 0.145 | 7  | 17  | 1.1  | 309  |
| BRW103824 | 399  | 2.64 | 9.2  | 0.8 | 2.8  | 3.9  | 45 | 0.2  | 0.8  | 0.1  | 64  | 0.93 | 0.072 | 14 | 29  | 0.64 | 309  |
| BRW103837 | 438  | 3.43 | 13.5 | 1.1 | 0.8  | 8.8  | 21 | 0.1  | 2.7  | 0.2  | 73  | 0.19 | 0.026 | 28 | 34  | 0.47 | 357  |
| BRW103838 | 1020 | 4.84 | 19.3 | 1.8 | 0.25 | 7.7  | 15 | 0.1  | 2.1  | 0.2  | 57  | 0.11 | 0.033 | 17 | 24  | 0.45 | 353  |
| BRW103850 | 555  | 3.07 | 10.2 | 1.7 | 3.6  | 5.3  | 24 | 0.05 | 0.8  | 0.2  | 71  | 0.29 | 0.016 | 17 | 38  | 0.53 | 319  |
| BRW103851 | 285  | 3.19 | 15.8 | 1   | 11.3 | 5.6  | 24 | 0.05 | 1.3  | 0.2  | 70  | 0.25 | 0.024 | 14 | 42  | 0.48 | 326  |
| BRW103857 | 292  | 3.02 | 8.5  | 0.7 | 0.7  | 4.8  | 18 | 0.2  | 0.5  | 0.2  | 66  | 0.2  | 0.054 | 14 | 28  | 0.43 | 301  |
| BRW103858 | 374  | 4.09 | 22.8 | 2.1 | 1.8  | 10.1 | 13 | 0.2  | 1.5  | 0.3  | 42  | 0.09 | 0.046 | 16 | 31  | 0.31 | 164  |
| BRW103859 | 395  | 4.45 | 28.1 | 2.4 | 0.25 | 11.3 | 11 | 0.2  | 1.8  | 0.3  | 44  | 0.08 | 0.047 | 16 | 31  | 0.26 | 149  |
| BRW103860 | 841  | 6.12 | 6.5  | 0.8 | 0.8  | 16   | 19 | 0.05 | 0.4  | 0.1  | 69  | 0.27 | 0.042 | 19 | 27  | 0.99 | 468  |
| BRW103861 | 454  | 5.27 | 8.1  | 1.1 | 0.25 | 40.7 | 17 | 0.05 | 0.4  | 0.1  | 129 | 0.32 | 0.054 | 38 | 74  | 1.22 | 485  |
| BRW103862 | 408  | 4.03 | 15.2 | 1   | 0.25 | 20.9 | 19 | 0.05 | 0.6  | 0.1  | 74  | 0.24 | 0.019 | 33 | 37  | 0.41 | 303  |
| BRW103863 | 927  | 3.38 | 9.5  | 0.7 | 1.3  | 6.2  | 22 | 0.05 | 0.5  | 0.1  | 52  | 0.38 | 0.047 | 14 | 30  | 0.37 | 302  |
| BRW103864 | 415  | 5.46 | 10.5 | 1.2 | 0.6  | 22.3 | 13 | 0.05 | 0.3  | 0.2  | 65  | 0.2  | 0.016 | 27 | 55  | 1.48 | 224  |
| BRW103865 | 390  | 4.62 | 8    | 0.9 | 4.9  | 6.5  | 33 | 0.05 | 0.4  | 0.1  | 103 | 0.82 | 0.204 | 20 | 158 | 2.1  | 505  |
| BRW103866 | 345  | 5.05 | 4.7  | 0.7 | 2.2  | 17.6 | 14 | 0.05 | 0.3  | 0.05 | 108 | 0.26 | 0.05  | 25 | 64  | 0.94 | 565  |
| BRW103867 | 364  | 2.71 | 9.9  | 1   | 3.2  | 5.5  | 35 | 0.1  | 0.5  | 0.1  | 54  | 0.86 | 0.071 | 24 | 34  | 0.55 | 478  |
| BRW103868 | 492  | 3.68 | 6.4  | 0.7 | 2.5  | 12.9 | 23 | 0.1  | 0.3  | 0.05 | 53  | 0.53 | 0.068 | 24 | 22  | 0.65 | 203  |
| BRW103869 | 696  | 4.97 | 21.1 | 0.5 | 0.8  | 2.9  | 15 | 0.05 | 0.2  | 0.05 | 131 | 0.62 | 0.12  | 19 | 43  | 1.81 | 216  |
| BRW103869 | 681  | 4.88 | 20.2 | 0.5 | 0.9  | 2.8  | 14 | 0.05 | 0.2  | 0.05 | 129 | 0.62 | 0.12  | 19 | 42  | 1.77 | 211  |
| BRW103870 | 575  | 4.95 | 8.6  | 1.2 | 0.25 | 11.6 | 13 | 0.1  | 0.4  | 0.05 | 62  | 0.37 | 0.13  | 28 | 19  | 0.58 | 183  |
| BRW103871 | 496  | 4.15 | 25.1 | 1.2 | 3.2  | 7.7  | 25 | 0.2  | 0.5  | 0.05 | 147 | 0.5  | 0.101 | 35 | 82  | 0.99 | 752  |
| BRW103873 | 293  | 3.1  | 16.5 | 0.8 | 2.2  | 6.3  | 19 | 0.05 | 0.3  | 0.05 | 76  | 0.42 | 0.052 | 14 | 381 | 1.64 | 259  |
| BRW103874 | 570  | 3.1  | 14   | 0.4 | 2.6  | 4.6  | 42 | 0.2  | 0.9  | 0.2  | 66  | 1.01 | 0.056 | 16 | 50  | 0.69 | 317  |
| BRW103875 | 558  | 2.45 | 10.5 | 1.6 | 3.2  | 2.7  | 50 | 0.3  | 0.9  | 0.1  | 48  | 1.3  | 0.085 | 13 | 33  | 0.55 | 482  |
| BRW103876 | 312  | 6.12 | 69.5 | 2   | 5.9  | 15.2 | 17 | 0.2  | 4    | 0.3  | 82  | 0.3  | 0.055 | 41 | 55  | 0.88 | 255  |
| BRW103877 | 331  | 3.06 | 32.1 | 0.8 | 6.7  | 5    | 26 | 0.05 | 2.8  | 0.2  | 56  | 0.42 | 0.028 | 16 | 36  | 0.43 | 268  |
| BRW103878 | 410  | 2.54 | 10.9 | 0.6 | 3.8  | 3.1  | 76 | 0.2  | 0.9  | 0.2  | 55  | 2.73 | 0.053 | 13 | 30  | 0.68 | 338  |
| BRW103879 | 401  | 2.94 | 9    | 1.1 | 3.8  | 3.9  | 34 | 0.1  | 0.8  | 0.1  | 65  | 0.59 | 0.031 | 13 | 36  | 0.55 | 324  |
| BRW103880 | 337  | 2.81 | 8.8  | 1.3 | 2.4  | 3.9  | 33 | 0.05 | 0.7  | 0.2  | 59  | 0.52 | 0.027 | 14 | 33  | 0.52 | 276  |
| BRW103881 | 451  | 2.99 | 9.3  | 0.8 | 3.4  | 4.4  | 31 | 0.1  | 0.8  | 0.2  | 59  | 0.5  | 0.038 | 14 | 37  | 0.53 | 261  |
| BRW103882 | 414  | 2.73 | 9.1  | 0.5 | 3.5  | 3.5  | 29 | 0.2  | 0.8  | 0.1  | 52  | 0.88 | 0.043 | 14 | 33  | 0.72 | 240  |
| BRW103883 | 411  | 2.75 | 9.6  | 1   | 2.3  | 2.9  | 38 | 0.3  | 0.9  | 0.2  | 54  | 0.85 | 0.051 | 13 | 31  | 0.64 | 307  |
| BRW103884 | 464  | 2.63 | 9.3  | 0.9 | 2.3  | 3.5  | 44 | 0.2  | 0.9  | 0.2  | 55  | 0.94 | 0.053 | 13 | 25  | 0.57 | 304  |
| BRW103885 | 434  | 2.86 | 9.8  | 1.2 | 3.3  | 4.7  | 34 | 0.05 | 0.8  | 0.2  | 59  | 0.57 | 0.033 | 14 | 32  | 0.53 | 325  |
| BRW103886 | 405  | 2.96 | 10.7 | 0.7 | 4    | 3.4  | 46 | 0.2  | 0.7  | 0.2  | 60  | 1.26 | 0.067 | 14 | 34  | 0.73 | 304  |
| BRW103886 | 426  | 3.06 | 11.2 | 0.7 | 3.5  | 3.7  | 48 | 0.2  | 0.7  | 0.2  | 63  | 1.34 | 0.069 | 15 | 36  | 0.78 | 315  |
| BRW103887 | 506  | 2.84 | 11.3 | 0.9 | 2.9  | 3.6  | 31 | 0.05 | 0.6  | 0.2  | 55  | 0.59 | 0.039 | 14 | 30  | 0.55 | 248  |
| BRW103888 | 738  | 4.7  | 12.3 | 1.6 | 3.7  | 10.7 | 23 | 0.1  | 0.9  | 0.2  | 76  | 0.54 | 0.051 | 30 | 45  | 0.73 | 430  |
| BRW103889 | 260  | 2.98 | 10.2 | 1.2 | 4.7  | 6.2  | 33 | 0.05 | 0.6  | 0.2  | 55  | 0.57 | 0.064 | 18 | 30  | 0.53 | 311  |
| BRW103890 | 432  | 4.2  | 5.2  | 2   | 4.2  | 11   | 20 | 0.1  | 0.4  | 0.3  | 56  | 0.49 | 0.058 | 35 | 38  | 0.61 | 235  |
| BRW103891 | 252  | 2.88 | 20.1 | 3.1 | 3.8  | 7.5  | 19 | 0.05 | 1    | 0.7  | 42  | 0.16 | 0.033 | 20 | 29  | 0.34 | 170  |
| BRW103896 | 615  | 3.06 | 9    | 1.8 | 10.9 | 5.6  | 22 | 0.1  | 0.6  | 0.4  | 50  | 0.22 | 0.065 | 20 | 27  | 0.34 | 212  |
| BRW103898 | 361  | 3.4  | 7.9  | 2   | 4.6  | 8.1  | 21 | 0.1  | 0.6  | 0.3  | 55  | 0.24 | 0.058 | 21 | 29  | 0.34 | 211  |
| BRW103934 | 512  | 6.26 | 4.5  | 0.9 | 1    | 19.8 | 12 | 0.05 | 0.2  | 0.05 | 130 | 0.15 | 0.02  | 47 | 82  | 1.16 | 324  |
| BRW103936 | 205  | 3.81 | 4.3  | 1.1 | 2.4  | 12.9 | 13 | 0.05 | 0.2  | 0.05 | 69  | 0.22 | 0.027 | 56 | 70  | 0.82 | 468  |
| BRW103938 | 276  | 3.34 | 8.9  | 0.8 | 1.9  | 6    | 13 | 0.05 | 0.4  | 0.1  | 67  | 0.2  | 0.055 | 12 | 39  | 0.57 | 287  |
| BRW103959 | 386  | 3.36 | 11   | 0.8 | 20.3 | 2.9  | 14 | 0.2  | 2    | 0.4  | 52  | 0.16 | 0.044 | 13 | 23  | 0.23 | 170  |
| BRW103975 | 823  | 2.95 | 3.8  | 0.4 | 1.4  | 9.7  | 20 | 0.05 | 0.2  | 0.05 | 64  | 0.98 | 0.045 | 70 | 48  | 1.23 | 225  |
| BRW103977 | 418  | 4.75 | 2.9  | 1   | 0.25 | 8    | 17 | 0.1  | 0.1  | 0.1  | 172 | 0.49 | 0.051 | 23 | 97  | 1.62 | 550  |
| BRW103978 | 553  | 4.63 | 3.9  | 0.7 | 0.25 | 3    | 8  | 0.05 | 0.2  | 0.05 | 112 | 0.27 | 0.069 | 15 | 58  | 1.85 | 307  |
| BRW103979 | 870  | 5.38 | 2.7  | 0.6 | 0.25 | 3.6  | 14 | 0.05 | 0.2  | 0.05 | 107 | 0.45 | 0.116 | 19 | 68  | 2.11 | 395  |
| BRW103980 | 628  | 5.46 | 1.8  | 0.4 | 0.25 | 1.6  | 19 | 0.05 | 0.05 | 0.05 | 117 | 0.53 | 0.091 | 12 | 15  | 1.61 | 361  |
| BRW103982 | 843  | 3.28 | 13.6 | 1.3 | 25.9 | 7.3  | 19 | 0.3  | 5.3  | 0.2  | 41  | 0.08 | 0.029 | 25 | 22  | 0.16 | 384  |
| BRW103983 | 34   | 1.86 | 77.8 | 1.2 | 5.1  | 8.4  | 20 | 0.05 | 1.5  | 0.2  | 26  | 0.04 | 0.021 | 22 | 19  | 0.07 | 102  |
| BRW103984 | 155  | 4.44 | 4.6  | 2.1 | 2.5  | 19.8 | 17 | 0.05 | 0.4  | 0.1  | 77  | 0.23 | 0.082 | 45 | 49  | 0.79 | 549  |
| BRW104042 | 755  | 2.67 | 10   | 0.5 | 0.7  | 5.5  | 22 | 0.1  | 0.5  | 0.1  | 52  | 0.46 | 0.034 | 12 | 28  | 0.38 | 263  |
| BRW104043 | 465  | 4.88 | 6.6  | 0.5 | 0.25 | 7.6  | 13 | 0.1  | 0.2  | 0.1  | 101 | 0.17 | 0.03  | 9  | 88  | 1.33 | 295  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW103776 | 0.044 | 2   | 2.07 | 0.009 | 0.11 | 0.05 | 0.02  | 3.4  | 0.05 | 0.025 | 7  | 0.7  | 1DX15  | WHI10000121 |
| BRW103777 | 0.02  | 0.5 | 0.6  | 0.007 | 0.01 | 0.05 | 0.02  | 7.1  | 0.05 | 0.08  | 2  | 0.25 | 1DX15  | WHI10000121 |
| BRW103782 | 0.097 | 2   | 2.58 | 0.005 | 0.21 | 0.05 | 0.01  | 7.1  | 0.2  | 0.025 | 9  | 1.2  | 1DX15  | WHI10000121 |
| BRW103793 | 0.049 | 2   | 2.54 | 0.018 | 0.07 | 0.05 | 0.05  | 10.3 | 0.05 | 0.025 | 8  | 0.6  | 1DX15  | WHI10000121 |
| BRW103816 | 0.06  | 2   | 2.72 | 0.012 | 0.21 | 0.05 | 0.04  | 12.4 | 0.1  | 0.025 | 11 | 0.7  | 1DX15  | WHI10000121 |
| BRW103821 | 0.047 | 2   | 2.6  | 0.021 | 0.22 | 0.05 | 0.005 | 14.1 | 0.05 | 0.025 | 13 | 0.25 | 1DX15  | WHI10000121 |
| BRW103824 | 0.079 | 3   | 1.41 | 0.03  | 0.05 | 0.1  | 0.04  | 3.9  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW103837 | 0.055 | 0.5 | 1.61 | 0.009 | 0.15 | 0.1  | 0.04  | 6.4  | 0.05 | 0.025 | 4  | 0.9  | 1DX15  | WHI10000121 |
| BRW103838 | 0.077 | 1   | 1.6  | 0.007 | 0.45 | 0.2  | 0.04  | 11.1 | 0.5  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000121 |
| BRW103850 | 0.083 | 1   | 1.94 | 0.02  | 0.07 | 0.05 | 0.05  | 6.6  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW103851 | 0.068 | 0.5 | 1.81 | 0.012 | 0.07 | 0.1  | 0.04  | 4.9  | 0.05 | 0.025 | 5  | 0.8  | 1DX15  | WHI10000121 |
| BRW103857 | 0.065 | 1   | 1.62 | 0.007 | 0.21 | 0.1  | 0.04  | 2.7  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103858 | 0.026 | 2   | 1.44 | 0.004 | 0.24 | 0.05 | 0.03  | 3.7  | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103859 | 0.019 | 0.5 | 1.32 | 0.005 | 0.23 | 0.05 | 0.03  | 4.2  | 0.3  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000121 |
| BRW103860 | 0.257 | 0.5 | 2.72 | 0.011 | 1.11 | 0.1  | 0.02  | 14.9 | 0.4  | 0.025 | 11 | 0.7  | 1DX15  | WHI10000121 |
| BRW103861 | 0.266 | 0.5 | 2.85 | 0.012 | 1.43 | 0.05 | 0.01  | 6.9  | 0.7  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000121 |
| BRW103862 | 0.058 | 1   | 1.43 | 0.009 | 0.26 | 0.05 | 0.03  | 6.7  | 0.1  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000121 |
| BRW103863 | 0.036 | 2   | 1.56 | 0.011 | 0.31 | 0.05 | 0.02  | 7.7  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103864 | 0.082 | 0.5 | 2.64 | 0.006 | 0.56 | 0.05 | 0.02  | 4.9  | 0.6  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000121 |
| BRW103865 | 0.213 | 0.5 | 3.29 | 0.029 | 0.88 | 0.1  | 0.05  | 6.9  | 0.5  | 0.025 | 13 | 0.5  | 1DX15  | WHI10000121 |
| BRW103866 | 0.254 | 1   | 2.5  | 0.014 | 1.13 | 0.05 | 0.01  | 6.5  | 0.6  | 0.025 | 9  | 0.8  | 1DX15  | WHI10000121 |
| BRW103867 | 0.072 | 1   | 1.4  | 0.017 | 0.2  | 0.2  | 0.04  | 4.6  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000121 |
| BRW103868 | 0.136 | 2   | 1.61 | 0.019 | 0.58 | 0.05 | 0.03  | 9.1  | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW103869 | 0.204 | 1   | 2.7  | 0.015 | 1.23 | 0.05 | 0.02  | 15   | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW103869 | 0.199 | 1   | 2.63 | 0.017 | 1.16 | 0.05 | 0.02  | 14.6 | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW103870 | 0.156 | 1   | 1.76 | 0.008 | 0.9  | 0.05 | 0.01  | 9.1  | 0.6  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000121 |
| BRW103871 | 0.175 | 0.5 | 2.05 | 0.014 | 0.52 | 0.1  | 0.04  | 8.5  | 0.4  | 0.025 | 8  | 1.1  | 1DX15  | WHI10000121 |
| BRW103873 | 0.152 | 0.5 | 2.06 | 0.012 | 0.48 | 0.05 | 0.01  | 6.9  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW103874 | 0.093 | 2   | 1.53 | 0.028 | 0.12 | 0.2  | 0.04  | 5.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103875 | 0.051 | 3   | 1.23 | 0.021 | 0.1  | 0.2  | 0.06  | 3.8  | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000121 |
| BRW103876 | 0.075 | 1   | 1.9  | 0.005 | 0.41 | 0.05 | 0.05  | 8.2  | 0.6  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000121 |
| BRW103877 | 0.045 | 2   | 1.51 | 0.014 | 0.1  | 0.1  | 0.14  | 7.1  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103878 | 0.076 | 2   | 1.36 | 0.033 | 0.07 | 0.2  | 0.06  | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103879 | 0.077 | 1   | 1.87 | 0.02  | 0.07 | 0.1  | 0.05  | 5.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103880 | 0.064 | 1   | 1.66 | 0.018 | 0.08 | 0.1  | 0.03  | 4.7  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000121 |
| BRW103881 | 0.07  | 2   | 1.58 | 0.017 | 0.12 | 0.2  | 0.05  | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103882 | 0.063 | 1   | 1.39 | 0.018 | 0.09 | 0.2  | 0.04  | 4.4  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW103883 | 0.066 | 2   | 1.43 | 0.026 | 0.07 | 0.2  | 0.04  | 3.6  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW103884 | 0.068 | 3   | 1.34 | 0.024 | 0.1  | 0.2  | 0.03  | 4    | 0.05 | 0.025 | 4  | 1.1  | 1DX15  | WHI10000121 |
| BRW103885 | 0.074 | 1   | 1.61 | 0.021 | 0.09 | 0.1  | 0.04  | 4.5  | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000121 |
| BRW103886 | 0.078 | 2   | 1.61 | 0.029 | 0.12 | 0.2  | 0.05  | 4.6  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000121 |
| BRW103886 | 0.08  | 2   | 1.68 | 0.034 | 0.13 | 0.2  | 0.04  | 4.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103887 | 0.061 | 1   | 1.36 | 0.019 | 0.1  | 0.2  | 0.04  | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103888 | 0.091 | 3   | 2.07 | 0.01  | 0.61 | 0.1  | 0.91  | 9.7  | 0.5  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000121 |
| BRW103889 | 0.077 | 2   | 1.33 | 0.025 | 0.14 | 0.2  | 0.07  | 5    | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW103890 | 0.045 | 1   | 1.56 | 0.008 | 0.4  | 0.05 | 0.03  | 5.9  | 0.4  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000121 |
| BRW103891 | 0.046 | 1   | 1.17 | 0.007 | 0.16 | 0.05 | 0.04  | 4.2  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103896 | 0.043 | 2   | 1.27 | 0.008 | 0.13 | 0.1  | 0.02  | 3    | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW103898 | 0.067 | 0.5 | 1.34 | 0.011 | 0.16 | 0.1  | 0.03  | 4.5  | 0.1  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000121 |
| BRW103934 | 0.168 | 0.5 | 2.66 | 0.006 | 0.96 | 0.05 | 0.005 | 8    | 0.7  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000121 |
| BRW103936 | 0.07  | 0.5 | 3.15 | 0.006 | 0.37 | 0.05 | 0.005 | 3.7  | 0.3  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000121 |
| BRW103938 | 0.071 | 0.5 | 1.93 | 0.007 | 0.24 | 0.1  | 0.03  | 3.9  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW103959 | 0.025 | 1   | 0.9  | 0.005 | 0.1  | 0.1  | 0.05  | 4    | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000121 |
| BRW103975 | 0.049 | 2   | 1.83 | 0.007 | 0.24 | 0.05 | 0.03  | 6.2  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW103977 | 0.222 | 2   | 3.48 | 0.019 | 1.36 | 0.05 | 0.005 | 6.6  | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000121 |
| BRW103978 | 0.205 | 0.5 | 2.89 | 0.016 | 1.44 | 0.05 | 0.005 | 6    | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW103979 | 0.251 | 0.5 | 2.72 | 0.015 | 1.45 | 0.05 | 0.01  | 18.5 | 0.4  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000121 |
| BRW103980 | 0.304 | 0.5 | 2.74 | 0.025 | 0.94 | 0.05 | 0.005 | 10.7 | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW103982 | 0.008 | 2   | 1.21 | 0.005 | 0.1  | 0.2  | 0.11  | 4.8  | 0.05 | 0.025 | 3  | 1    | 1DX15  | WHI10000121 |
| BRW103983 | 0.008 | 1   | 0.46 | 0.003 | 0.05 | 0.05 | 0.01  | 2.6  | 0.05 | 0.025 | 2  | 1.1  | 1DX15  | WHI10000121 |
| BRW103984 | 0.159 | 2   | 2.16 | 0.008 | 0.85 | 0.05 | 0.11  | 6.2  | 0.6  | 0.025 | 7  | 1.1  | 1DX15  | WHI10000121 |
| BRW104042 | 0.06  | 1   | 1.22 | 0.014 | 0.15 | 0.05 | 0.02  | 4.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW104043 | 0.105 | 0.5 | 2.65 | 0.014 | 0.77 | 0.05 | 0.01  | 6.5  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|------|------|
| BRW104043 | REP  | 596964     | 7005964    | 07V      | 1.3 | 43    | 11   | 100 | 0.05 | 55.5 | 20.9 |
| BRW104046 | Soil | 596846     | 7005872    | 07V      | 2.6 | 91.1  | 4.4  | 118 | 0.05 | 65.6 | 27.1 |
| BRW104073 | Soil | 599323     | 7005389    | 07V      | 1   | 28.8  | 9.8  | 76  | 0.05 | 25.3 | 14.3 |
| BRW104074 | Soil | 599363     | 7005421    | 07V      | 1   | 36.9  | 9.9  | 62  | 0.1  | 30.3 | 14   |
| BRW104075 | Soil | 599401     | 7005453    | 07V      | 1.3 | 43.5  | 9.6  | 60  | 0.1  | 39.9 | 14.2 |
| BRW104076 | Soil | 599440     | 7005484    | 07V      | 0.8 | 22.1  | 9.3  | 48  | 0.05 | 22   | 10.2 |
| BRW104077 | Soil | 599481     | 7005515    | 07V      | 1   | 46    | 9.4  | 59  | 0.05 | 40.2 | 14.1 |
| BRW104078 | Soil | 599520     | 7005545    | 07V      | 0.8 | 26.9  | 9.4  | 59  | 0.05 | 26.4 | 11.6 |
| BRW104079 | Soil | 599559     | 7005577    | 07V      | 0.8 | 26.7  | 10   | 63  | 0.05 | 28.7 | 12.3 |
| BRW104080 | Soil | 599598     | 7005608    | 07V      | 1.2 | 20.9  | 9.1  | 57  | 0.05 | 23.4 | 11.5 |
| BRW104081 | Soil | 599631     | 7005635    | 07V      | 1.1 | 26    | 9.2  | 50  | 0.05 | 24.2 | 11.1 |
| BRW104082 | Soil | 599672     | 7005666    | 07V      | 0.8 | 26.3  | 8.1  | 54  | 0.05 | 27.6 | 11.3 |
| BRW104083 | Soil | 599713     | 7005697    | 07V      | 0.9 | 38.1  | 10.3 | 57  | 0.05 | 31.4 | 12.3 |
| BRW104084 | Soil | 599750     | 7005727    | 07V      | 0.8 | 33.1  | 9.2  | 61  | 0.05 | 24.4 | 9.1  |
| BRW104093 | Soil | 600254     | 7005489    | 07V      | 1.2 | 19.9  | 14.7 | 70  | 0.2  | 28.8 | 11.2 |
| BRW104095 | Soil | 600175     | 7005428    | 07V      | 1.4 | 30.9  | 12.9 | 103 | 0.2  | 37.8 | 14.8 |
| BRW104109 | Soil | 599623     | 7004999    | 07V      | 4.3 | 74.4  | 15.8 | 85  | 0.2  | 60.7 | 16.5 |
| BRW104151 | Soil | 595996     | 7005337    | 07V      | 0.3 | 133.5 | 1.5  | 103 | 0.05 | 19.8 | 23.6 |
| BRW104152 | Soil | 595996     | 7005337    | 07V      | 0.3 | 116.4 | 1.5  | 95  | 0.05 | 18.9 | 21.8 |
| BRW104162 | Soil | 595603     | 7005029    | 07V      | 0.4 | 18.3  | 5.3  | 52  | 0.05 | 16.1 | 9.8  |
| BRW104162 | REP  | 595603     | 7005029    | 07V      | 0.3 | 18.6  | 5.3  | 53  | 0.05 | 16.7 | 10.1 |
| BRW104170 | Soil | 595938     | 7005165    | 07V      | 0.8 | 34.6  | 5.6  | 71  | 0.05 | 18.1 | 16.8 |
| BRW104227 | Soil | 599582     | 7006107    | 07V      | 1.5 | 32.2  | 15.3 | 85  | 0.2  | 28.3 | 12   |
| BRW104229 | Soil | 599661     | 7006170    | 07V      | 2   | 58.9  | 15.2 | 135 | 0.1  | 48.8 | 14.2 |
| BRW104301 | Soil | 596591     | 7005547    | 07V      | 0.7 | 38    | 8.2  | 62  | 0.1  | 29.4 | 10.2 |
| BRW104302 | Soil | 596631     | 7005580    | 07V      | 0.9 | 38.4  | 10.9 | 66  | 0.1  | 30.7 | 11.8 |
| BRW104304 | Soil | 596712     | 7005641    | 07V      | 0.8 | 38    | 11.2 | 84  | 0.05 | 40.2 | 16.5 |
| BRW104312 | Soil | 597026     | 7005887    | 07V      | 6   | 88.2  | 7.8  | 77  | 0.05 | 57.3 | 21.4 |
| BRW104312 | REP  | 597026     | 7005887    | 07V      | 5.7 | 89.5  | 7.7  | 77  | 0.05 | 56.2 | 20.8 |
| BRW104313 | Soil | 597066     | 7005917    | 07V      | 1   | 58.2  | 7.5  | 105 | 0.05 | 99.5 | 25.9 |
| BRW104314 | Soil | 597106     | 7005950    | 07V      | 1.9 | 45.4  | 10.5 | 127 | 0.1  | 28.2 | 21.4 |
| BRW104315 | Soil | 597144     | 7005980    | 07V      | 2.5 | 59.6  | 11   | 138 | 0.1  | 62.7 | 18.9 |
| BRW104316 | Soil | 597185     | 7006010    | 07V      | 2.5 | 57.2  | 10.3 | 156 | 0.05 | 60.4 | 19.5 |
| BRW104317 | Soil | 597223     | 7006042    | 07V      | 1.1 | 42.6  | 9.1  | 99  | 0.05 | 47.1 | 18.6 |
| BRW104318 | Soil | 597265     | 7006072    | 07V      | 0.2 | 11.1  | 4.8  | 22  | 0.05 | 10.4 | 2.5  |
| BRW104319 | Soil | 597304     | 7006099    | 07V      | 0.6 | 26.9  | 6.1  | 149 | 0.05 | 21.9 | 27   |
| BRW104320 | Soil | 597341     | 7006131    | 07V      | 0.8 | 34.3  | 10.5 | 150 | 0.05 | 13.2 | 13.8 |
| BRW104321 | Soil | 597384     | 7006162    | 07V      | 0.8 | 16.3  | 7.3  | 103 | 0.05 | 16   | 15.7 |
| BRW104322 | Soil | 597422     | 7006196    | 07V      | 0.9 | 36    | 6.8  | 108 | 0.05 | 22.9 | 16.6 |
| BRW104323 | Soil | 597467     | 7006229    | 07V      | 0.8 | 50.6  | 11.8 | 67  | 0.05 | 39.8 | 14.6 |
| BRW104328 | Soil | 597618     | 7006351    | 07V      | 3.2 | 55.9  | 13.9 | 127 | 0.2  | 47.1 | 12.4 |
| BRW104329 | Soil | 597657     | 7006380    | 07V      | 0.8 | 44.4  | 7.4  | 58  | 0.05 | 35.4 | 11.2 |
| BRW104330 | Soil | 597863     | 7006034    | 07V      | 1.3 | 51.7  | 12.3 | 89  | 0.05 | 56.8 | 23.8 |
| BRW104465 | Soil | 597089     | 7005805    | 07V      | 0.7 | 49.7  | 5.7  | 60  | 0.05 | 50   | 16.2 |
| BRW104469 | Soil | 597248     | 7005929    | 07V      | 0.9 | 40    | 2.8  | 151 | 0.05 | 21.5 | 23.3 |
| BRW104470 | Soil | 597287     | 7005959    | 07V      | 1.1 | 73.7  | 3.4  | 86  | 0.05 | 62   | 22.3 |
| BRW104475 | Soil | 597482     | 7006115    | 07V      | 0.9 | 35.3  | 7    | 93  | 0.05 | 21.5 | 13.9 |
| BRW104478 | Soil | 597600     | 7006208    | 07V      | 7   | 71.3  | 19.2 | 109 | 0.05 | 61.3 | 24.2 |
| BRW104500 | Soil | 599612     | 7005746    | 07V      | 1.3 | 35    | 11.4 | 65  | 0.1  | 37.1 | 14.7 |
| BRW108001 | Soil | 597535     | 7006537    | 07V      | 2.1 | 48.9  | 10.6 | 87  | 0.1  | 34.5 | 14.6 |
| BRW108005 | Soil | 597377     | 7006415    | 07V      | 0.5 | 28.2  | 6.5  | 30  | 0.05 | 16.6 | 5.2  |
| BRW108009 | Soil | 597219     | 7006290    | 07V      | 1.1 | 34.9  | 8.6  | 74  | 0.05 | 30.4 | 11.9 |
| BRW108014 | Soil | 597021     | 7006136    | 07V      | 2.2 | 63.8  | 10.7 | 140 | 0.1  | 76   | 19.1 |
| BRW108016 | Soil | 596943     | 7006074    | 07V      | 1.8 | 86.8  | 9.9  | 164 | 0.05 | 85.3 | 23.2 |
| BRW108025 | Soil | 596590     | 7005799    | 07V      | 2.2 | 69.2  | 13.1 | 135 | 0.05 | 40.6 | 15.1 |
| BRW108027 | Soil | 596510     | 7005736    | 07V      | 0.6 | 32.3  | 10.5 | 63  | 0.05 | 30.4 | 12.2 |
| BRW108065 | Soil | 600481     | 7005285    | 07V      | 1.3 | 29.4  | 10.8 | 72  | 0.1  | 24.7 | 10.4 |
| BRW108070 | Soil | 600280     | 7005130    | 07V      | 1.4 | 22.9  | 12.2 | 69  | 0.2  | 23.8 | 12.4 |
| BRW108071 | Soil | 600240     | 7005100    | 07V      | 1   | 19.8  | 9.8  | 55  | 0.05 | 19   | 8.9  |
| BRW108072 | Soil | 600202     | 7005070    | 07V      | 1   | 21.2  | 9.1  | 72  | 0.1  | 23.1 | 8.8  |
| BRW108073 | Soil | 600163     | 7005038    | 07V      | 1.7 | 29.5  | 9.9  | 104 | 0.2  | 32.6 | 13.9 |
| BRW108074 | Soil | 600124     | 7005006    | 07V      | 1.4 | 18.3  | 10.3 | 79  | 0.3  | 23.3 | 8.6  |
| BRW108075 | Soil | 600083     | 7004978    | 07V      | 1.4 | 46.7  | 15.3 | 123 | 0.2  | 39.8 | 14.1 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|------|------|----|------|------|------|-----|------|-------|-----|-----|------|------|
| BRW104043 | 447  | 4.69 | 6.8  | 0.6 | 0.25 | 7.3  | 16 | 0.05 | 0.1  | 0.1  | 94  | 0.16 | 0.03  | 9   | 81  | 1.27 | 270  |
| BRW104046 | 444  | 5.07 | 2.1  | 1   | 0.25 | 13.9 | 29 | 0.1  | 0.1  | 0.05 | 123 | 0.5  | 0.08  | 27  | 108 | 1.77 | 694  |
| BRW104073 | 430  | 4.13 | 11.2 | 1   | 1.1  | 7.4  | 22 | 0.05 | 0.7  | 0.1  | 72  | 0.35 | 0.074 | 26  | 42  | 0.8  | 231  |
| BRW104074 | 508  | 3.35 | 19.1 | 0.7 | 0.9  | 7.3  | 28 | 0.1  | 0.6  | 0.2  | 72  | 0.54 | 0.058 | 23  | 74  | 0.73 | 356  |
| BRW104075 | 389  | 3.24 | 14.5 | 0.4 | 4.1  | 4.5  | 23 | 0.1  | 1.2  | 0.2  | 70  | 0.48 | 0.017 | 16  | 42  | 0.57 | 414  |
| BRW104076 | 309  | 2.53 | 46.5 | 0.7 | 1.3  | 3.5  | 19 | 0.1  | 6.5  | 0.2  | 52  | 0.26 | 0.041 | 11  | 26  | 0.29 | 274  |
| BRW104077 | 405  | 3.18 | 15.8 | 0.5 | 4.4  | 4.8  | 26 | 0.05 | 0.8  | 0.2  | 70  | 0.47 | 0.011 | 17  | 40  | 0.62 | 272  |
| BRW104078 | 524  | 2.84 | 9.6  | 0.9 | 3.6  | 4    | 34 | 0.2  | 0.9  | 0.2  | 63  | 0.62 | 0.031 | 13  | 33  | 0.58 | 363  |
| BRW104079 | 379  | 3.02 | 11.3 | 0.6 | 1.1  | 4.2  | 32 | 0.2  | 0.8  | 0.2  | 60  | 0.45 | 0.054 | 14  | 31  | 0.56 | 285  |
| BRW104080 | 356  | 2.97 | 9.3  | 0.5 | 1.1  | 3.4  | 26 | 0.1  | 0.7  | 0.2  | 64  | 0.41 | 0.027 | 12  | 34  | 0.5  | 286  |
| BRW104081 | 383  | 2.62 | 7.8  | 0.9 | 1.4  | 3.5  | 37 | 0.3  | 0.9  | 0.2  | 55  | 0.55 | 0.03  | 13  | 31  | 0.45 | 279  |
| BRW104082 | 409  | 2.83 | 9.3  | 1.7 | 1.6  | 3.6  | 28 | 0.1  | 0.7  | 0.2  | 60  | 0.62 | 0.041 | 14  | 35  | 0.57 | 260  |
| BRW104083 | 606  | 2.77 | 10.5 | 0.9 | 0.6  | 3.7  | 38 | 0.2  | 1    | 0.2  | 54  | 0.8  | 0.045 | 14  | 34  | 0.48 | 295  |
| BRW104084 | 316  | 2.92 | 10.4 | 0.7 | 3.1  | 4.5  | 28 | 0.05 | 0.7  | 0.1  | 54  | 0.59 | 0.05  | 13  | 33  | 0.57 | 245  |
| BRW104093 | 352  | 3.33 | 9.8  | 0.7 | 3.8  | 4.5  | 18 | 0.1  | 0.6  | 0.2  | 58  | 0.25 | 0.026 | 11  | 36  | 0.59 | 236  |
| BRW104095 | 291  | 3.96 | 10.4 | 1.5 | 3.6  | 7.5  | 19 | 0.1  | 0.6  | 0.3  | 66  | 0.24 | 0.074 | 27  | 40  | 0.56 | 217  |
| BRW104109 | 787  | 3.23 | 43.5 | 2.6 | 2    | 13.5 | 45 | 0.2  | 4.6  | 0.1  | 65  | 0.95 | 0.055 | 26  | 50  | 0.53 | 342  |
| BRW104151 | 741  | 4.66 | 1.8  | 0.6 | 1.1  | 0.7  | 30 | 0.05 | 0.2  | 0.05 | 123 | 0.58 | 0.077 | 5   | 18  | 1.69 | 215  |
| BRW104152 | 704  | 4.47 | 1.8  | 0.6 | 1.4  | 0.6  | 30 | 0.05 | 0.1  | 0.05 | 125 | 0.63 | 0.074 | 4   | 18  | 1.61 | 202  |
| BRW104162 | 338  | 2.42 | 4.9  | 0.7 | 2.4  | 2.7  | 38 | 0.1  | 0.4  | 0.05 | 63  | 0.99 | 0.077 | 10  | 23  | 0.58 | 182  |
| BRW104162 | 334  | 2.45 | 4.9  | 0.7 | 0.9  | 2.7  | 38 | 0.1  | 0.4  | 0.05 | 63  | 0.99 | 0.08  | 10  | 24  | 0.57 | 189  |
| BRW104170 | 470  | 3.87 | 5    | 0.4 | 0.7  | 2.9  | 32 | 0.05 | 0.2  | 0.05 | 84  | 0.58 | 0.046 | 5   | 44  | 1.16 | 448  |
| BRW104227 | 478  | 3.49 | 8.4  | 1.9 | 3.3  | 9    | 27 | 0.1  | 1    | 0.2  | 57  | 0.35 | 0.041 | 23  | 32  | 0.42 | 349  |
| BRW104229 | 516  | 4.9  | 12.9 | 3.7 | 2.5  | 17.7 | 16 | 0.2  | 0.8  | 0.3  | 57  | 0.26 | 0.083 | 45  | 27  | 0.38 | 245  |
| BRW104301 | 345  | 2.6  | 9.2  | 0.5 | 5    | 4.4  | 37 | 0.2  | 0.6  | 0.1  | 59  | 0.99 | 0.077 | 14  | 33  | 0.61 | 323  |
| BRW104302 | 396  | 2.81 | 10.4 | 0.8 | 2.6  | 6    | 34 | 0.2  | 0.6  | 0.2  | 61  | 0.83 | 0.05  | 20  | 34  | 0.54 | 351  |
| BRW104304 | 596  | 4.46 | 7.8  | 1.2 | 3    | 19.2 | 25 | 0.05 | 0.6  | 0.1  | 36  | 0.35 | 0.035 | 45  | 25  | 0.4  | 330  |
| BRW104312 | 623  | 5.95 | 15.7 | 1.4 | 1.4  | 29.6 | 12 | 0.05 | 0.2  | 0.05 | 47  | 0.21 | 0.033 | 51  | 44  | 0.83 | 116  |
| BRW104312 | 605  | 5.63 | 15.7 | 1.4 | 1.7  | 28.8 | 12 | 0.05 | 0.2  | 0.05 | 44  | 0.22 | 0.031 | 49  | 43  | 0.82 | 113  |
| BRW104313 | 739  | 5.81 | 22.4 | 1   | 2.2  | 27.6 | 11 | 0.05 | 0.6  | 0.05 | 55  | 0.22 | 0.043 | 76  | 83  | 0.81 | 227  |
| BRW104314 | 940  | 4.79 | 12.5 | 0.6 | 4.5  | 12.1 | 38 | 0.1  | 0.4  | 0.05 | 76  | 1.96 | 0.106 | 39  | 37  | 0.93 | 444  |
| BRW104315 | 740  | 4.9  | 14   | 0.9 | 2.9  | 23.9 | 29 | 0.3  | 0.3  | 0.05 | 71  | 1.93 | 0.047 | 59  | 54  | 0.49 | 338  |
| BRW104316 | 803  | 4.67 | 2.8  | 0.7 | 2.8  | 11.1 | 49 | 0.3  | 0.2  | 0.05 | 87  | 4.19 | 0.14  | 39  | 55  | 0.63 | 490  |
| BRW104317 | 601  | 4.74 | 5.4  | 0.9 | 0.8  | 37.7 | 14 | 0.1  | 0.2  | 0.1  | 62  | 0.32 | 0.054 | 99  | 57  | 1.33 | 257  |
| BRW104318 | 130  | 0.75 | 1.7  | 0.7 | 0.25 | 2.7  | 27 | 0.1  | 0.05 | 0.05 | 13  | 2.42 | 0.031 | 17  | 17  | 1.42 | 62   |
| BRW104319 | 1504 | 6.8  | 1.6  | 0.9 | 0.25 | 9.7  | 49 | 0.05 | 0.05 | 0.05 | 101 | 4.14 | 0.288 | 34  | 126 | 1.77 | 975  |
| BRW104320 | 935  | 6.61 | 1.7  | 1.4 | 0.7  | 21.4 | 13 | 0.05 | 0.1  | 0.05 | 70  | 0.47 | 0.131 | 80  | 40  | 0.93 | 376  |
| BRW104321 | 532  | 4.95 | 4    | 0.4 | 0.25 | 6.2  | 14 | 0.05 | 0.2  | 0.05 | 87  | 0.19 | 0.046 | 11  | 48  | 1.5  | 391  |
| BRW104322 | 684  | 5.56 | 5    | 1.1 | 1.4  | 6.7  | 15 | 0.05 | 0.3  | 0.05 | 76  | 0.27 | 0.028 | 23  | 39  | 1.06 | 313  |
| BRW104323 | 423  | 4.1  | 3.6  | 1.1 | 2.2  | 18.9 | 17 | 0.05 | 0.2  | 0.05 | 49  | 0.36 | 0.039 | 33  | 52  | 1.16 | 238  |
| BRW104328 | 564  | 3.46 | 25.3 | 1.5 | 6.9  | 5    | 30 | 0.3  | 2.1  | 0.2  | 61  | 0.36 | 0.093 | 16  | 38  | 0.42 | 378  |
| BRW104329 | 279  | 2.92 | 11.8 | 0.8 | 7.3  | 5.5  | 28 | 0.05 | 0.9  | 0.1  | 59  | 0.39 | 0.042 | 19  | 39  | 0.54 | 191  |
| BRW104330 | 654  | 4.94 | 1.8  | 0.9 | 0.6  | 14.3 | 14 | 0.05 | 0.1  | 0.1  | 80  | 0.27 | 0.06  | 18  | 78  | 1.29 | 213  |
| BRW104465 | 702  | 3.65 | 1.4  | 0.7 | 2.3  | 28.7 | 19 | 0.05 | 0.1  | 0.05 | 40  | 0.31 | 0.054 | 101 | 45  | 1.25 | 305  |
| BRW104469 | 709  | 5.9  | 1.9  | 0.5 | 0.9  | 4.8  | 41 | 0.1  | 0.05 | 0.05 | 130 | 2.72 | 0.159 | 18  | 123 | 2.03 | 711  |
| BRW104470 | 526  | 3.92 | 1.7  | 0.4 | 1.2  | 4.4  | 17 | 0.05 | 0.1  | 0.05 | 95  | 0.89 | 0.166 | 20  | 128 | 1.57 | 357  |
| BRW104475 | 625  | 4.16 | 5.4  | 0.7 | 6.9  | 12.9 | 20 | 0.05 | 0.4  | 0.1  | 74  | 0.43 | 0.081 | 26  | 42  | 1.12 | 259  |
| BRW104478 | 1026 | 3.95 | 4.1  | 1.7 | 3.2  | 21   | 12 | 0.1  | 0.2  | 0.1  | 111 | 0.27 | 0.065 | 76  | 38  | 0.92 | 153  |
| BRW104500 | 484  | 3.09 | 11   | 1.1 | 3.6  | 5.3  | 30 | 0.2  | 1    | 0.1  | 57  | 0.57 | 0.039 | 19  | 43  | 0.56 | 242  |
| BRW108001 | 409  | 3    | 40.2 | 1.4 | 3    | 6.7  | 19 | 0.2  | 1.5  | 0.2  | 68  | 0.23 | 0.038 | 19  | 42  | 0.55 | 307  |
| BRW108005 | 173  | 1.49 | 6.1  | 1.9 | 5.3  | 3.9  | 25 | 0.05 | 0.4  | 0.05 | 34  | 0.88 | 0.029 | 23  | 20  | 0.52 | 72   |
| BRW108009 | 475  | 3.68 | 9.5  | 0.7 | 3.6  | 8.2  | 21 | 0.05 | 0.5  | 0.1  | 71  | 0.39 | 0.019 | 22  | 40  | 0.67 | 203  |
| BRW108014 | 761  | 5.18 | 7.8  | 1   | 3.3  | 16.9 | 19 | 0.1  | 0.4  | 0.1  | 102 | 0.26 | 0.051 | 53  | 80  | 0.94 | 270  |
| BRW108016 | 497  | 5.55 | 4.7  | 1.1 | 3.7  | 31.9 | 16 | 0.1  | 0.1  | 0.05 | 146 | 0.45 | 0.155 | 87  | 121 | 1.17 | 662  |
| BRW108025 | 1267 | 4.89 | 7.1  | 1   | 6.4  | 11.2 | 23 | 0.3  | 0.4  | 0.05 | 66  | 0.43 | 0.107 | 22  | 28  | 0.37 | 1024 |
| BRW108027 | 521  | 3.03 | 7.5  | 1.1 | 2.2  | 9.5  | 37 | 0.2  | 0.4  | 0.1  | 61  | 0.67 | 0.048 | 29  | 38  | 0.58 | 304  |
| BRW108065 | 334  | 3.18 | 10.5 | 1.8 | 5.1  | 6.2  | 24 | 0.1  | 0.9  | 0.2  | 60  | 0.31 | 0.04  | 19  | 36  | 0.48 | 306  |
| BRW108070 | 525  | 3.25 | 10   | 1.4 | 3.8  | 5.2  | 21 | 0.1  | 0.6  | 0.2  | 58  | 0.24 | 0.065 | 17  | 29  | 0.39 | 255  |
| BRW108071 | 254  | 2.8  | 9.1  | 1.8 | 4.7  | 5.4  | 22 | 0.05 | 0.6  | 0.3  | 53  | 0.25 | 0.023 | 16  | 31  | 0.46 | 308  |
| BRW108072 | 296  | 2.97 | 7.5  | 1.5 | 3.3  | 5.7  | 23 | 0.05 | 0.6  | 0.4  | 54  | 0.31 | 0.052 | 16  | 28  | 0.43 | 238  |
| BRW108073 | 700  | 3.78 | 6.6  | 1.4 | 3.4  | 8.3  | 23 | 0.2  | 1    | 0.3  | 59  | 0.31 | 0.112 | 25  | 33  | 0.47 | 277  |
| BRW108074 | 256  | 3.21 | 7.6  | 0.6 | 2    | 4.4  | 18 | 0.1  | 0.5  | 0.2  | 67  | 0.27 | 0.045 | 13  | 35  | 0.53 | 244  |
| BRW108075 | 578  | 4.52 | 7.3  | 1.6 | 3.5  | 13.4 | 17 | 0.1  | 0.5  | 0.6  | 74  | 0.43 | 0.122 | 24  | 44  | 0.71 | 389  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW104043 | 0.099 | 1   | 2.52 | 0.013 | 0.7  | 0.05 | 0.005 | 6.2  | 0.4  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000121 |
| BRW104046 | 0.228 | 0.5 | 3.27 | 0.031 | 1.29 | 0.05 | 0.02  | 5.9  | 0.4  | 0.025 | 11 | 0.8  | 1DX15  | WHI10000121 |
| BRW104073 | 0.149 | 1   | 2.15 | 0.013 | 0.57 | 0.1  | 0.02  | 7.8  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW104074 | 0.119 | 1   | 1.68 | 0.023 | 0.29 | 0.1  | 0.06  | 6.7  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW104075 | 0.076 | 2   | 1.77 | 0.015 | 0.21 | 0.2  | 0.06  | 6.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW104076 | 0.038 | 2   | 1.22 | 0.009 | 0.1  | 0.2  | 0.09  | 4.7  | 0.05 | 0.06  | 3  | 0.25 | 1DX15  | WHI10000121 |
| BRW104077 | 0.08  | 2   | 1.74 | 0.018 | 0.09 | 0.2  | 0.03  | 5.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW104078 | 0.068 | 2   | 1.66 | 0.021 | 0.07 | 0.1  | 0.04  | 4.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW104079 | 0.079 | 2   | 1.57 | 0.022 | 0.11 | 0.1  | 0.04  | 4.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW104080 | 0.049 | 1   | 1.78 | 0.013 | 0.09 | 0.2  | 0.03  | 4.4  | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000121 |
| BRW104081 | 0.07  | 2   | 1.52 | 0.022 | 0.09 | 0.1  | 0.03  | 4    | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000121 |
| BRW104082 | 0.064 | 1   | 1.54 | 0.02  | 0.07 | 0.2  | 0.04  | 4.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW104083 | 0.058 | 2   | 1.36 | 0.02  | 0.07 | 0.2  | 0.05  | 4.4  | 0.05 | 0.05  | 4  | 0.5  | 1DX15  | WHI10000121 |
| BRW104084 | 0.072 | 2   | 1.48 | 0.018 | 0.13 | 0.1  | 0.04  | 4.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW104093 | 0.075 | 1   | 1.67 | 0.011 | 0.28 | 0.1  | 0.02  | 3.3  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW104095 | 0.081 | 2   | 1.79 | 0.011 | 0.28 | 0.1  | 0.05  | 4.1  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW104109 | 0.06  | 4   | 1.01 | 0.012 | 0.23 | 0.2  | 0.06  | 4.9  | 0.3  | 0.025 | 4  | 1.2  | 1DX15  | WHI10000121 |
| BRW104151 | 0.057 | 1   | 2.41 | 0.029 | 0.08 | 0.05 | 0.01  | 7.7  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW104152 | 0.066 | 0.5 | 2.35 | 0.034 | 0.09 | 0.05 | 0.005 | 7.7  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW104162 | 0.077 | 1   | 1.35 | 0.032 | 0.06 | 0.1  | 0.03  | 4    | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW104162 | 0.074 | 1   | 1.35 | 0.031 | 0.06 | 0.1  | 0.02  | 3.9  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000121 |
| BRW104170 | 0.074 | 1   | 2.26 | 0.02  | 0.31 | 0.05 | 0.01  | 5.9  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW104227 | 0.06  | 2   | 1.42 | 0.012 | 0.29 | 0.05 | 0.06  | 5.2  | 0.2  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000121 |
| BRW104229 | 0.046 | 0.5 | 1.41 | 0.004 | 0.44 | 0.05 | 0.06  | 4.9  | 0.4  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000121 |
| BRW104301 | 0.071 | 1   | 1.28 | 0.026 | 0.11 | 0.2  | 0.04  | 3.5  | 0.05 | 0.025 | 4  | 0.8  | 1DX15  | WHI10000121 |
| BRW104302 | 0.072 | 0.5 | 1.55 | 0.024 | 0.09 | 0.2  | 0.03  | 3.9  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000121 |
| BRW104304 | 0.042 | 2   | 1.3  | 0.021 | 0.23 | 0.05 | 0.07  | 5.4  | 0.2  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000121 |
| BRW104312 | 0.011 | 0.5 | 1.76 | 0.005 | 0.26 | 0.05 | 0.01  | 4.6  | 0.1  | 0.025 | 6  | 2    | 1DX15  | WHI10000121 |
| BRW104312 | 0.011 | 1   | 1.73 | 0.005 | 0.26 | 0.05 | 0.005 | 4.3  | 0.1  | 0.025 | 6  | 1.7  | 1DX15  | WHI10000121 |
| BRW104313 | 0.064 | 2   | 1.61 | 0.009 | 0.52 | 0.05 | 0.02  | 9.7  | 0.4  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000121 |
| BRW104314 | 0.106 | 3   | 1.94 | 0.014 | 0.69 | 0.05 | 0.03  | 9.4  | 0.4  | 0.025 | 8  | 0.8  | 1DX15  | WHI10000121 |
| BRW104315 | 0.066 | 1   | 1.21 | 0.01  | 0.46 | 0.05 | 0.02  | 8    | 0.3  | 0.025 | 5  | 1.3  | 1DX15  | WHI10000121 |
| BRW104316 | 0.063 | 2   | 1.33 | 0.01  | 0.45 | 0.05 | 0.02  | 7.9  | 0.3  | 0.025 | 6  | 1    | 1DX15  | WHI10000121 |
| BRW104317 | 0.084 | 1   | 2.51 | 0.01  | 0.69 | 0.05 | 0.01  | 7.1  | 0.3  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000121 |
| BRW104318 | 0.027 | 1   | 0.73 | 0.007 | 0.06 | 0.05 | 0.01  | 2.2  | 0.05 | 0.06  | 2  | 0.25 | 1DX15  | WHI10000121 |
| BRW104319 | 0.216 | 1   | 2.99 | 0.018 | 1.46 | 0.05 | 0.005 | 18.3 | 0.6  | 0.025 | 13 | 0.6  | 1DX15  | WHI10000121 |
| BRW104320 | 0.179 | 2   | 1.89 | 0.012 | 0.74 | 0.05 | 0.02  | 18.1 | 0.4  | 0.025 | 12 | 1.6  | 1DX15  | WHI10000121 |
| BRW104321 | 0.299 | 0.5 | 2.98 | 0.011 | 1.65 | 0.1  | 0.01  | 5.7  | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW104322 | 0.159 | 1   | 2.14 | 0.011 | 0.82 | 0.05 | 0.02  | 15.7 | 0.2  | 0.025 | 9  | 0.5  | 1DX15  | WHI10000121 |
| BRW104323 | 0.173 | 0.5 | 2.5  | 0.01  | 0.87 | 0.05 | 0.01  | 5    | 0.5  | 0.025 | 9  | 0.5  | 1DX15  | WHI10000121 |
| BRW104328 | 0.052 | 4   | 1.16 | 0.01  | 0.28 | 0.2  | 0.02  | 4.8  | 0.2  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000121 |
| BRW104329 | 0.096 | 1   | 1.39 | 0.022 | 0.15 | 0.2  | 0.04  | 5.5  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000121 |
| BRW104330 | 0.213 | 1   | 2.64 | 0.011 | 1.14 | 0.05 | 0.005 | 6.6  | 0.7  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000121 |
| BRW104465 | 0.156 | 0.5 | 2.49 | 0.009 | 0.83 | 0.05 | 0.03  | 4.3  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW104469 | 0.077 | 2   | 3.11 | 0.017 | 0.63 | 0.05 | 0.005 | 14.4 | 0.2  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000121 |
| BRW104470 | 0.121 | 1   | 2.45 | 0.019 | 0.52 | 0.05 | 0.02  | 8.2  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW104475 | 0.191 | 1   | 2.21 | 0.015 | 0.89 | 0.1  | 0.03  | 7.1  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW104478 | 0.044 | 1   | 1.96 | 0.005 | 0.59 | 0.05 | 0.02  | 5.4  | 0.4  | 0.025 | 8  | 0.9  | 1DX15  | WHI10000121 |
| BRW104500 | 0.071 | 2   | 1.51 | 0.021 | 0.11 | 0.1  | 0.08  | 5.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW108001 | 0.068 | 2   | 1.61 | 0.01  | 0.27 | 0.05 | 0.02  | 4.9  | 0.3  | 0.025 | 5  | 1    | 1DX15  | WHI10000121 |
| BRW108005 | 0.073 | 23  | 0.83 | 0.009 | 0.14 | 0.2  | 0.04  | 3.2  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000121 |
| BRW108009 | 0.143 | 2   | 1.67 | 0.015 | 0.41 | 0.1  | 0.03  | 6.9  | 0.3  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000121 |
| BRW108014 | 0.069 | 1   | 2.27 | 0.01  | 0.54 | 0.05 | 0.04  | 9.4  | 0.4  | 0.025 | 7  | 1.2  | 1DX15  | WHI10000121 |
| BRW108016 | 0.196 | 2   | 2.41 | 0.012 | 1.15 | 0.05 | 0.03  | 10.1 | 0.5  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000121 |
| BRW108025 | 0.011 | 1   | 1.2  | 0.012 | 0.25 | 0.05 | 0.04  | 9.3  | 0.1  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000121 |
| BRW108027 | 0.082 | 1   | 1.76 | 0.024 | 0.15 | 0.1  | 0.02  | 4.6  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000121 |
| BRW108065 | 0.064 | 2   | 1.65 | 0.012 | 0.11 | 0.1  | 0.04  | 4.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW108070 | 0.054 | 1   | 1.71 | 0.012 | 0.14 | 0.1  | 0.03  | 3.7  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW108071 | 0.058 | 1   | 1.62 | 0.011 | 0.08 | 0.1  | 0.02  | 4.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW108072 | 0.065 | 1   | 1.3  | 0.012 | 0.13 | 0.1  | 0.02  | 3.7  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW108073 | 0.073 | 2   | 1.48 | 0.008 | 0.39 | 0.1  | 0.03  | 4.2  | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000121 |
| BRW108074 | 0.112 | 0.5 | 1.49 | 0.013 | 0.47 | 0.1  | 0.02  | 2.9  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW108075 | 0.178 | 3   | 2.16 | 0.01  | 1    | 0.1  | 0.04  | 6.1  | 0.7  | 0.025 | 8  | 0.9  | 1DX15  | WHI10000121 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|------|------|
| BRW108076 | Soil | 600044     | 7004947    | 07V      | 2   | 36.4  | 11.5 | 91  | 0.3  | 42.8 | 17.3 |
| BRW108077 | Soil | 600005     | 7004916    | 07V      | 1.6 | 52.5  | 16.3 | 128 | 0.3  | 54.5 | 20.6 |
| BRW108077 | REP  | 600005     | 7004916    | 07V      | 1.5 | 53.9  | 16.5 | 133 | 0.3  | 56.2 | 21.2 |
| BRW108078 | Soil | 599964     | 7004886    | 07V      | 1.3 | 23    | 18.9 | 160 | 0.2  | 13.2 | 9.6  |
| BRW108151 | Soil | 599577     | 7004325    | 07V      | 1.1 | 18.6  | 4.6  | 79  | 0.05 | 14.7 | 22.9 |
| BRW108152 | Soil | 599538     | 7004295    | 07V      | 7.1 | 39.4  | 8.9  | 97  | 0.1  | 41.5 | 15.2 |
| BRW108153 | Soil | 599498     | 7004265    | 07V      | 2   | 66.4  | 8.1  | 127 | 0.05 | 48.5 | 17.1 |
| BRW108154 | Soil | 599456     | 7004238    | 07V      | 0.8 | 30.3  | 7.5  | 103 | 0.05 | 15.3 | 28.3 |
| BRW108155 | Soil | 599420     | 7004203    | 07V      | 1.6 | 38.8  | 16.6 | 144 | 0.1  | 33.3 | 18.3 |
| BRW108279 | Soil | 598956     | 7005364    | 07V      | 0.4 | 25.4  | 5.5  | 55  | 0.1  | 20.6 | 10.2 |
| BRW108297 | Soil | 599665     | 7005918    | 07V      | 1.2 | 25.1  | 10.7 | 68  | 0.05 | 29.1 | 10.4 |
| BRW108314 | Soil | 599803     | 7005261    | 07V      | 1.4 | 21.9  | 12.2 | 65  | 0.1  | 26.1 | 10.7 |
| BRW108325 | Soil | 599368     | 7004924    | 07V      | 0.7 | 29.3  | 8    | 57  | 0.05 | 27.1 | 12   |
| BRW108325 | REP  | 599368     | 7004924    | 07V      | 0.6 | 31.3  | 8    | 60  | 0.1  | 30.9 | 12.7 |
| BRW108331 | Soil | 599130     | 7004739    | 07V      | 0.5 | 29.1  | 7.6  | 53  | 0.05 | 26.6 | 11   |
| BRW108762 | Soil | 599713     | 7004562    | 07V      | 0.6 | 27.3  | 8.6  | 41  | 0.05 | 32.8 | 16.1 |
| BRW108766 | Soil | 599555     | 7004436    | 07V      | 0.4 | 18.2  | 3.2  | 66  | 0.05 | 11   | 19   |
| BRW108768 | Soil | 599518     | 7004407    | 07V      | 1.2 | 42.2  | 14.6 | 127 | 0.05 | 33.4 | 13.5 |
| BRW108772 | Soil | 599358     | 7004282    | 07V      | 1.4 | 30.7  | 10.1 | 81  | 0.2  | 32.3 | 14.8 |
| BRW90194  | Soil | 597127     | 7004698    | 07V      | 0.8 | 98.7  | 3.9  | 75  | 0.05 | 15.1 | 27.8 |
| BRW92278  | Soil | 595870     | 7005742    | 07V      | 0.4 | 38.6  | 3.2  | 52  | 0.05 | 29.7 | 16.5 |
| BRW92278  | REP  | 595870     | 7005742    | 07V      | 0.4 | 38    | 3    | 51  | 0.05 | 29.8 | 17.1 |
| BRW92279  | Soil | 595908     | 7005775    | 07V      | 0.4 | 36.8  | 9.8  | 77  | 0.05 | 44.3 | 21.7 |
| BRW93600  | Soil | 595592     | 7005527    | 07V      | 0.2 | 20    | 3.4  | 158 | 0.05 | 13.5 | 32.2 |
| BRW93744  | Soil | 596750     | 7004783    | 07V      | 0.3 | 129.4 | 2.4  | 67  | 0.05 | 31.2 | 22.3 |
| BRW93978  | Soil | 597403     | 7004917    | 07V      | 0.7 | 39.5  | 13.3 | 107 | 0.05 | 38.9 | 15.6 |
| BRW93996  | Soil | 597599     | 7005072    | 07V      | 3.3 | 56.7  | 9.7  | 104 | 0.1  | 78.3 | 16.1 |
| BRW100651 | Soil | 597796     | 7005224    | 07V      | 1.3 | 28.7  | 5    | 126 | 0.05 | 19.5 | 16   |
| BRW100653 | Soil | 597836     | 7005256    | 07V      | 1.7 | 63.2  | 6.9  | 95  | 0.05 | 74.3 | 20.5 |
| BRW100654 | Soil | 597876     | 7005287    | 07V      | 1.1 | 45.4  | 6.5  | 89  | 0.05 | 60.9 | 18.4 |
| BRW100655 | Soil | 597914     | 7005318    | 07V      | 0.9 | 35.8  | 9.6  | 78  | 0.05 | 36.4 | 12.5 |
| BRW100658 | Soil | 598035     | 7005407    | 07V      | 0.8 | 32.3  | 13.2 | 74  | 0.1  | 24.4 | 12.5 |
| BRW100666 | Soil | 595971     | 7004554    | 07V      | 0.6 | 17.7  | 6    | 41  | 0.05 | 16.3 | 7.4  |
| BRW100671 | Soil | 596169     | 7004709    | 07V      | 0.6 | 23    | 6.6  | 58  | 0.05 | 20.1 | 9.7  |
| BRW100673 | Soil | 596248     | 7004771    | 07V      | 0.7 | 30.3  | 8.7  | 56  | 0.05 | 24.5 | 10.8 |
| BRW100692 | Soil | 596334     | 7005093    | 07V      | 0.6 | 85.2  | 2.5  | 95  | 0.05 | 12.5 | 21.6 |
| BRW100693 | Soil | 596334     | 7005093    | 07V      | 0.6 | 85.2  | 2.7  | 97  | 0.05 | 13.6 | 21.6 |
| BRW100819 | Soil | 597379     | 7005024    | 07V      | 4.4 | 42.1  | 17.2 | 101 | 0.05 | 42   | 16   |
| BRW100820 | Soil | 597420     | 7005057    | 07V      | 8   | 36.6  | 28.9 | 207 | 0.05 | 29.6 | 13.5 |
| BRW100820 | REP  | 597420     | 7005057    | 07V      | 8.4 | 35    | 27.9 | 199 | 0.05 | 30.5 | 13.8 |
| BRW100832 | Soil | 597855     | 7005394    | 07V      | 0.7 | 37.6  | 9.5  | 109 | 0.05 | 28.9 | 23   |
| BRW100838 | Soil | 597586     | 7005815    | 07V      | 2.3 | 31.9  | 36.8 | 114 | 0.2  | 33   | 16.1 |
| BRW100839 | Soil | 597628     | 7005849    | 07V      | 1.5 | 44.5  | 10.7 | 77  | 0.1  | 25.2 | 12.4 |
| BRW100840 | Soil | 597668     | 7005884    | 07V      | 0.6 | 26.1  | 9.8  | 56  | 0.1  | 14.6 | 6.9  |
| BRW100841 | Soil | 597702     | 7005904    | 07V      | 0.5 | 31.3  | 11.8 | 95  | 0.2  | 55.3 | 24.3 |
| BRW100842 | Soil | 597743     | 7005942    | 07V      | 1.1 | 30.1  | 15.8 | 97  | 0.05 | 25   | 19.9 |
| BRW100843 | Soil | 597782     | 7005975    | 07V      | 1.2 | 26.7  | 8    | 148 | 0.05 | 14.7 | 12.6 |
| BRW100844 | Soil | 597823     | 7006004    | 07V      | 1.4 | 23.4  | 9.6  | 111 | 0.1  | 22.6 | 13.6 |
| BRW100844 | REP  | 597823     | 7006004    | 07V      | 1.4 | 24    | 10   | 112 | 0.05 | 22.7 | 14.1 |
| BRW100851 | Soil | 596690     | 7005246    | 07V      | 0.6 | 59.2  | 3.4  | 108 | 0.05 | 54.1 | 25.6 |
| BRW100857 | Soil | 597007     | 7005492    | 07V      | 1.1 | 25    | 8.9  | 69  | 0.05 | 23.6 | 10.1 |
| BRW100861 | Soil | 597210     | 7005651    | 07V      | 1.8 | 63.5  | 6.4  | 90  | 0.1  | 84.3 | 28.8 |
| BRW100863 | Soil | 597290     | 7005713    | 07V      | 2.2 | 73.1  | 9.7  | 103 | 0.05 | 85.3 | 30.6 |
| BRW100866 | Soil | 597407     | 7005805    | 07V      | 1.4 | 51.7  | 4.6  | 175 | 0.2  | 24.8 | 25.6 |
| BRW100867 | Soil | 597447     | 7005835    | 07V      | 1.6 | 48.3  | 4.4  | 82  | 0.05 | 44.3 | 13.4 |
| BRW100868 | Soil | 597486     | 7005866    | 07V      | 1   | 48.3  | 6    | 75  | 0.05 | 43   | 19.6 |
| BRW100869 | Soil | 597526     | 7005897    | 07V      | 0.5 | 35.8  | 7.3  | 59  | 0.05 | 15.2 | 9.9  |
| BRW100870 | Soil | 597566     | 7005930    | 07V      | 0.3 | 13.8  | 8.3  | 48  | 0.1  | 10.3 | 7.1  |
| BRW100871 | Soil | 597607     | 7005958    | 07V      | 1.3 | 18.8  | 17.3 | 141 | 0.05 | 16.4 | 10   |
| BRW100872 | Soil | 597643     | 7005989    | 07V      | 1.7 | 40.4  | 14.8 | 140 | 0.05 | 15.1 | 10.8 |
| BRW100874 | Soil | 597723     | 7006053    | 07V      | 0.9 | 45.1  | 36.5 | 181 | 0.05 | 35.8 | 17.2 |
| BRW100875 | Soil | 597762     | 7006082    | 07V      | 0.6 | 41.9  | 9.2  | 84  | 0.05 | 57.1 | 19.5 |
| BRW100876 | Soil | 597802     | 7006114    | 07V      | 0.7 | 35.2  | 10.3 | 69  | 0.05 | 33.8 | 11.9 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|----|------|------|------|-----|------|-------|-----|-----|------|-----|
| BRW108076 | 753  | 4.43 | 5.6  | 1.3 | 2.1  | 8.9  | 26 | 0.3  | 0.4  | 0.2  | 84  | 0.6  | 0.062 | 32  | 45  | 0.59 | 660 |
| BRW108077 | 618  | 5.17 | 7.6  | 2.8 | 7.8  | 16.5 | 26 | 0.1  | 0.4  | 0.2  | 96  | 0.73 | 0.088 | 41  | 58  | 0.89 | 428 |
| BRW108077 | 652  | 5.41 | 7.7  | 2.9 | 8.9  | 16.4 | 26 | 0.2  | 0.4  | 0.2  | 100 | 0.76 | 0.086 | 41  | 61  | 0.91 | 447 |
| BRW108078 | 391  | 4.4  | 10.2 | 0.6 | 1.2  | 3.7  | 12 | 0.6  | 0.4  | 0.4  | 56  | 0.21 | 0.05  | 9   | 24  | 0.6  | 199 |
| BRW108151 | 553  | 4.77 | 4.1  | 0.4 | 0.6  | 2.5  | 23 | 0.05 | 0.2  | 0.05 | 89  | 0.82 | 0.187 | 9   | 52  | 1.6  | 377 |
| BRW108152 | 638  | 4.18 | 8.9  | 0.7 | 3.3  | 13.3 | 23 | 0.05 | 0.7  | 0.05 | 74  | 0.51 | 0.059 | 28  | 49  | 0.6  | 988 |
| BRW108153 | 690  | 5.98 | 5    | 0.8 | 3.1  | 14.5 | 16 | 0.05 | 0.3  | 0.05 | 140 | 0.26 | 0.047 | 25  | 78  | 1.26 | 423 |
| BRW108154 | 791  | 6.46 | 4.4  | 0.6 | 1    | 2    | 23 | 0.05 | 0.1  | 0.05 | 128 | 1.04 | 0.246 | 15  | 22  | 2.41 | 525 |
| BRW108155 | 801  | 5.63 | 6.9  | 0.8 | 1.2  | 14.2 | 35 | 0.05 | 0.3  | 0.05 | 98  | 0.38 | 0.051 | 32  | 56  | 1.16 | 531 |
| BRW108279 | 371  | 2.65 | 6.6  | 1   | 1.8  | 2.3  | 35 | 0.05 | 0.3  | 0.05 | 54  | 1.43 | 0.097 | 16  | 34  | 0.7  | 216 |
| BRW108297 | 302  | 3.43 | 8.8  | 0.7 | 1.3  | 6.7  | 16 | 0.05 | 0.5  | 0.2  | 74  | 0.27 | 0.025 | 11  | 51  | 0.73 | 265 |
| BRW108314 | 424  | 2.83 | 13.3 | 0.6 | 2.3  | 3.7  | 23 | 0.05 | 1.6  | 0.2  | 59  | 0.49 | 0.027 | 11  | 34  | 0.47 | 299 |
| BRW108325 | 460  | 2.97 | 11.5 | 0.5 | 2.9  | 4.2  | 30 | 0.05 | 0.6  | 0.1  | 65  | 0.52 | 0.031 | 15  | 40  | 0.67 | 271 |
| BRW108325 | 488  | 3.22 | 12.2 | 0.6 | 3.1  | 4.5  | 31 | 0.05 | 0.7  | 0.2  | 71  | 0.56 | 0.035 | 16  | 43  | 0.72 | 292 |
| BRW108331 | 428  | 2.79 | 11   | 0.6 | 5.8  | 4    | 40 | 0.05 | 0.5  | 0.1  | 60  | 0.8  | 0.083 | 16  | 31  | 0.65 | 338 |
| BRW108762 | 339  | 2.54 | 4.2  | 0.5 | 1.8  | 3.2  | 18 | 0.1  | 0.2  | 0.05 | 78  | 0.51 | 0.087 | 13  | 225 | 1.4  | 142 |
| BRW108766 | 626  | 4.16 | 4.3  | 0.5 | 1.3  | 2.2  | 22 | 0.1  | 0.05 | 0.05 | 88  | 0.87 | 0.197 | 9   | 25  | 1.58 | 353 |
| BRW108768 | 570  | 4.45 | 5.4  | 1.2 | 2.5  | 17.9 | 19 | 0.05 | 0.3  | 0.05 | 81  | 0.3  | 0.051 | 63  | 46  | 0.87 | 438 |
| BRW108772 | 613  | 3.61 | 8    | 1   | 3.8  | 11.2 | 25 | 0.1  | 0.3  | 0.1  | 74  | 0.57 | 0.099 | 38  | 56  | 1.14 | 351 |
| BRW90194  | 797  | 5.05 | 3.5  | 0.3 | 0.25 | 1.3  | 52 | 0.2  | 0.3  | 0.05 | 124 | 0.87 | 0.062 | 4   | 21  | 1.74 | 274 |
| BRW92278  | 418  | 3.37 | 0.9  | 0.5 | 0.25 | 2.6  | 29 | 0.05 | 0.1  | 0.05 | 77  | 0.65 | 0.081 | 7   | 109 | 1.52 | 278 |
| BRW92278  | 425  | 3.43 | 1.2  | 0.5 | 0.25 | 2.5  | 28 | 0.05 | 0.1  | 0.05 | 80  | 0.68 | 0.079 | 7   | 110 | 1.56 | 281 |
| BRW92279  | 641  | 4    | 0.8  | 1   | 0.25 | 14   | 22 | 0.05 | 0.05 | 0.05 | 71  | 0.74 | 0.074 | 33  | 118 | 1.82 | 217 |
| BRW93600  | 488  | 5.99 | 3    | 0.8 | 0.6  | 3.5  | 21 | 0.2  | 0.1  | 0.05 | 125 | 0.53 | 0.113 | 11  | 13  | 1.1  | 346 |
| BRW93744  | 390  | 3.48 | 1.8  | 0.2 | 1    | 1    | 54 | 0.05 | 0.1  | 0.05 | 108 | 0.89 | 0.122 | 4   | 41  | 1.4  | 238 |
| BRW93978  | 458  | 5.66 | 2.1  | 0.7 | 0.7  | 22.3 | 16 | 0.05 | 0.1  | 0.05 | 67  | 0.21 | 0.04  | 37  | 64  | 1.16 | 355 |
| BRW93996  | 415  | 3.42 | 24   | 0.9 | 3.2  | 3.1  | 21 | 0.2  | 0.5  | 0.1  | 74  | 0.22 | 0.039 | 20  | 84  | 0.56 | 238 |
| BRW100651 | 441  | 4.98 | 2.9  | 0.8 | 2.2  | 13.6 | 27 | 0.05 | 0.2  | 0.05 | 100 | 0.63 | 0.122 | 36  | 44  | 1.63 | 590 |
| BRW100653 | 499  | 4.57 | 34.3 | 0.9 | 1.2  | 9.1  | 25 | 0.05 | 0.4  | 0.05 | 98  | 0.51 | 0.1   | 35  | 81  | 1.29 | 474 |
| BRW100654 | 412  | 3.92 | 1.4  | 1.2 | 0.7  | 26.3 | 19 | 0.05 | 0.05 | 0.05 | 79  | 0.59 | 0.112 | 67  | 70  | 1.33 | 351 |
| BRW100655 | 297  | 3.06 | 5.7  | 1   | 4.5  | 8.8  | 28 | 0.2  | 0.4  | 0.2  | 77  | 0.6  | 0.064 | 24  | 50  | 0.85 | 313 |
| BRW100658 | 462  | 3.16 | 22.2 | 1.5 | 2    | 8.8  | 39 | 0.1  | 0.8  | 0.1  | 64  | 0.9  | 0.079 | 36  | 35  | 0.71 | 559 |
| BRW100666 | 214  | 2.59 | 4.8  | 0.6 | 2    | 2.4  | 37 | 0.05 | 0.2  | 0.05 | 84  | 0.66 | 0.063 | 8   | 30  | 0.61 | 231 |
| BRW100671 | 298  | 2.34 | 5.6  | 0.8 | 20.4 | 3    | 35 | 0.2  | 0.5  | 0.1  | 61  | 0.56 | 0.069 | 11  | 28  | 0.57 | 255 |
| BRW100673 | 339  | 2.68 | 9.7  | 0.8 | 3.1  | 3.4  | 39 | 0.1  | 0.6  | 0.1  | 68  | 0.59 | 0.071 | 13  | 30  | 0.61 | 292 |
| BRW100692 | 561  | 5.28 | 1.6  | 0.6 | 0.7  | 2    | 37 | 0.05 | 0.2  | 0.05 | 103 | 0.82 | 0.108 | 10  | 24  | 1.32 | 483 |
| BRW100693 | 538  | 5.25 | 1.8  | 0.6 | 1.3  | 2.1  | 36 | 0.05 | 0.2  | 0.05 | 103 | 0.76 | 0.101 | 11  | 27  | 1.33 | 454 |
| BRW100819 | 623  | 4.04 | 3.3  | 1   | 1.8  | 14   | 42 | 0.05 | 0.2  | 0.05 | 62  | 0.17 | 0.041 | 40  | 40  | 0.14 | 179 |
| BRW100820 | 546  | 5.32 | 8.8  | 1.2 | 17.9 | 13.8 | 17 | 0.05 | 0.3  | 0.05 | 122 | 0.43 | 0.043 | 33  | 50  | 0.75 | 487 |
| BRW100820 | 540  | 5.34 | 8.5  | 1.2 | 17.3 | 13.6 | 19 | 0.05 | 0.2  | 0.05 | 124 | 0.42 | 0.044 | 32  | 48  | 0.77 | 489 |
| BRW100832 | 658  | 4.68 | 4.4  | 0.8 | 2.7  | 4.6  | 27 | 0.2  | 0.3  | 0.05 | 100 | 0.87 | 0.126 | 15  | 120 | 1.6  | 492 |
| BRW100838 | 828  | 4.26 | 5.3  | 1   | 2.4  | 60.5 | 73 | 0.2  | 0.3  | 0.2  | 58  | 1.6  | 0.039 | 118 | 39  | 0.88 | 567 |
| BRW100839 | 339  | 3.76 | 4    | 1.9 | 4    | 17.4 | 73 | 0.1  | 0.2  | 0.05 | 61  | 2.04 | 0.047 | 59  | 35  | 1.52 | 542 |
| BRW100840 | 332  | 1.99 | 5.1  | 1.1 | 2.5  | 6.2  | 78 | 0.2  | 0.3  | 0.05 | 45  | 4.67 | 0.049 | 28  | 19  | 2.01 | 356 |
| BRW100841 | 537  | 5.85 | 4.8  | 1   | 2.4  | 12.5 | 19 | 0.05 | 0.3  | 0.05 | 169 | 0.4  | 0.043 | 38  | 140 | 3.43 | 432 |
| BRW100842 | 686  | 5.09 | 5.6  | 0.9 | 2.9  | 5    | 22 | 0.05 | 0.3  | 0.1  | 132 | 0.41 | 0.077 | 10  | 54  | 1.76 | 360 |
| BRW100843 | 1042 | 6.71 | 3.3  | 2.3 | 3.3  | 10.1 | 19 | 0.05 | 0.3  | 0.05 | 52  | 0.34 | 0.056 | 58  | 24  | 1.1  | 311 |
| BRW100844 | 558  | 4.61 | 6.6  | 1.2 | 2.5  | 5.4  | 23 | 0.1  | 0.4  | 0.1  | 80  | 0.34 | 0.025 | 15  | 47  | 0.83 | 352 |
| BRW100844 | 552  | 4.58 | 7    | 1.2 | 1.1  | 5.7  | 24 | 0.2  | 0.4  | 0.1  | 83  | 0.34 | 0.026 | 15  | 47  | 0.87 | 359 |
| BRW100851 | 571  | 4.94 | 9.4  | 2.3 | 1    | 17.2 | 34 | 0.05 | 0.2  | 0.05 | 89  | 0.63 | 0.093 | 61  | 142 | 2.23 | 589 |
| BRW100857 | 307  | 2.58 | 8.8  | 0.9 | 1.6  | 3.9  | 35 | 0.2  | 0.5  | 0.1  | 57  | 0.54 | 0.069 | 16  | 31  | 0.53 | 251 |
| BRW100861 | 623  | 4.64 | 13   | 0.9 | 1.9  | 10   | 61 | 0.1  | 0.2  | 0.05 | 89  | 1.54 | 0.072 | 40  | 102 | 1.6  | 585 |
| BRW100863 | 839  | 5.8  | 8.8  | 1.6 | 2.2  | 17.5 | 29 | 0.1  | 0.2  | 0.05 | 103 | 0.58 | 0.062 | 42  | 90  | 1.74 | 343 |
| BRW100866 | 1061 | 6.78 | 3.5  | 1   | 12   | 1.7  | 28 | 0.2  | 0.2  | 0.05 | 116 | 0.67 | 0.074 | 13  | 34  | 2.21 | 351 |
| BRW100867 | 493  | 4.07 | 8.1  | 0.6 | 0.5  | 6.1  | 20 | 0.05 | 0.2  | 0.05 | 115 | 0.63 | 0.231 | 8   | 48  | 1.27 | 270 |
| BRW100868 | 576  | 3.62 | 4.6  | 0.7 | 1.6  | 7.4  | 73 | 0.2  | 0.3  | 0.05 | 74  | 3.18 | 0.092 | 24  | 48  | 1.24 | 398 |
| BRW100869 | 322  | 3.19 | 22.4 | 0.9 | 1.8  | 33.2 | 19 | 0.05 | 0.2  | 0.05 | 45  | 0.39 | 0.026 | 88  | 16  | 1.3  | 390 |
| BRW100870 | 299  | 2.01 | 1.9  | 0.6 | 1.1  | 17.4 | 47 | 0.05 | 0.1  | 0.05 | 36  | 4.78 | 0.042 | 70  | 25  | 2.21 | 230 |
| BRW100871 | 827  | 5.72 | 5.8  | 1.3 | 1.6  | 26.9 | 14 | 0.05 | 0.3  | 0.05 | 57  | 0.17 | 0.042 | 26  | 24  | 0.86 | 317 |
| BRW100872 | 743  | 5.57 | 3    | 1.3 | 1.7  | 34   | 9  | 0.05 | 0.3  | 0.1  | 62  | 0.28 | 0.109 | 45  | 23  | 1.26 | 270 |
| BRW100874 | 653  | 5.11 | 3.5  | 1.6 | 1.4  | 13.9 | 19 | 0.05 | 0.3  | 0.1  | 118 | 0.36 | 0.061 | 41  | 73  | 1.49 | 579 |
| BRW100875 | 396  | 4.51 | 3.1  | 1.3 | 1.8  | 20   | 10 | 0.05 | 0.3  | 0.05 | 77  | 0.15 | 0.025 | 42  | 73  | 1.29 | 253 |
| BRW100876 | 368  | 3.2  | 7.3  | 0.7 | 4.9  | 9.6  | 31 | 0.05 | 0.5  | 0.2  | 58  | 0.45 | 0.044 | 23  | 44  | 0.86 | 316 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW108076 | 0.095 | 3   | 2.04 | 0.013 | 0.8  | 0.1  | 0.03  | 6.6  | 0.3  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000121 |
| BRW108077 | 0.178 | 3   | 2.18 | 0.017 | 0.98 | 0.1  | 0.05  | 7.4  | 0.6  | 0.025 | 7  | 1.1  | 1DX15  | WHI10000121 |
| BRW108077 | 0.182 | 3   | 2.22 | 0.016 | 1.08 | 0.1  | 0.05  | 7.7  | 0.5  | 0.025 | 8  | 1.1  | 1DX15  | WHI10000121 |
| BRW108078 | 0.109 | 1   | 2.07 | 0.008 | 0.56 | 0.2  | 0.01  | 5.8  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW108151 | 0.137 | 0.5 | 3.16 | 0.021 | 0.83 | 0.05 | 0.005 | 7.6  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW108152 | 0.063 | 2   | 1.71 | 0.016 | 0.43 | 0.05 | 0.09  | 8.6  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW108153 | 0.249 | 0.5 | 3.44 | 0.014 | 1.69 | 0.05 | 0.02  | 11.2 | 0.6  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000121 |
| BRW108154 | 0.215 | 1   | 3.79 | 0.023 | 1.01 | 0.05 | 0.01  | 10.3 | 0.4  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000121 |
| BRW108155 | 0.211 | 2   | 2.94 | 0.011 | 1.3  | 0.05 | 0.02  | 11.2 | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000121 |
| BRW108279 | 0.071 | 2   | 1.38 | 0.019 | 0.32 | 0.1  | 0.04  | 4.5  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000121 |
| BRW108297 | 0.105 | 1   | 1.96 | 0.009 | 0.4  | 0.1  | 0.01  | 4.5  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW108314 | 0.042 | 2   | 1.68 | 0.011 | 0.1  | 0.1  | 0.02  | 4.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW108325 | 0.084 | 2   | 1.66 | 0.022 | 0.09 | 0.2  | 0.04  | 5.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW108325 | 0.093 | 1   | 1.76 | 0.022 | 0.1  | 0.1  | 0.04  | 5.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW108331 | 0.08  | 3   | 1.39 | 0.026 | 0.14 | 0.2  | 0.03  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000121 |
| BRW108762 | 0.093 | 0.5 | 1.53 | 0.006 | 0.26 | 0.05 | 0.01  | 5.6  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW108766 | 0.113 | 0.5 | 2.46 | 0.021 | 0.72 | 0.05 | 0.005 | 9.4  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW108768 | 0.17  | 0.5 | 2.39 | 0.011 | 1.02 | 0.05 | 0.02  | 5.8  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW108772 | 0.11  | 1   | 2.19 | 0.017 | 0.63 | 0.1  | 0.08  | 6.9  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW90194  | 0.141 | 2   | 2.97 | 0.031 | 0.22 | 0.05 | 0.01  | 6.6  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000121 |
| BRW92278  | 0.09  | 5   | 2.3  | 0.017 | 0.36 | 0.05 | 0.005 | 6.3  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW92278  | 0.097 | 1   | 2.35 | 0.021 | 0.37 | 0.05 | 0.005 | 6.7  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000121 |
| BRW92279  | 0.073 | 2   | 2.94 | 0.009 | 0.46 | 0.05 | 0.01  | 6.3  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW93600  | 0.127 | 0.5 | 2.54 | 0.019 | 0.59 | 0.05 | 0.005 | 8.9  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000121 |
| BRW93744  | 0.105 | 0.5 | 2.42 | 0.036 | 0.29 | 0.05 | 0.02  | 7.1  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000121 |
| BRW93978  | 0.273 | 0.5 | 2.91 | 0.009 | 1.32 | 0.05 | 0.005 | 6.2  | 0.8  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000121 |
| BRW93996  | 0.058 | 0.5 | 1.41 | 0.006 | 0.09 | 0.05 | 0.03  | 4.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000121 |
| BRW100651 | 0.194 | 0.5 | 3.03 | 0.021 | 0.9  | 0.05 | 0.005 | 10.4 | 0.3  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW100653 | 0.108 | 0.5 | 2.6  | 0.014 | 0.48 | 0.05 | 0.01  | 6.5  | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW100654 | 0.157 | 0.5 | 2.58 | 0.014 | 0.78 | 0.05 | 0.01  | 4.8  | 0.5  | 0.08  | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW100655 | 0.105 | 2   | 2.01 | 0.02  | 0.2  | 0.1  | 0.03  | 4.1  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW100658 | 0.098 | 2   | 1.78 | 0.02  | 0.27 | 0.1  | 0.05  | 5.8  | 0.1  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000122 |
| BRW100666 | 0.098 | 1   | 1.62 | 0.029 | 0.07 | 0.1  | 0.03  | 3.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW100671 | 0.083 | 1   | 1.45 | 0.03  | 0.05 | 0.1  | 0.03  | 3.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW100673 | 0.085 | 2   | 1.57 | 0.027 | 0.05 | 0.2  | 0.03  | 3.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW100692 | 0.189 | 0.5 | 2.36 | 0.035 | 0.46 | 0.05 | 0.01  | 8.4  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW100693 | 0.177 | 0.5 | 2.33 | 0.038 | 0.41 | 0.05 | 0.01  | 8.4  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW100819 | 0.005 | 2   | 0.59 | 0.003 | 0.1  | 0.05 | 0.09  | 6    | 0.1  | 0.025 | 3  | 0.7  | 1DX15  | WHI10000122 |
| BRW100820 | 0.14  | 2   | 2.07 | 0.01  | 0.54 | 0.05 | 0.02  | 15.1 | 0.8  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000122 |
| BRW100820 | 0.143 | 2   | 2.06 | 0.009 | 0.56 | 0.05 | 0.02  | 15.8 | 0.7  | 0.025 | 9  | 0.8  | 1DX15  | WHI10000122 |
| BRW100832 | 0.229 | 2   | 2.83 | 0.024 | 1.02 | 0.1  | 0.03  | 6    | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW100838 | 0.063 | 4   | 1.74 | 0.02  | 0.51 | 0.05 | 0.02  | 5.9  | 0.2  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000122 |
| BRW100839 | 0.091 | 3   | 1.98 | 0.014 | 0.43 | 0.05 | 0.01  | 4.7  | 0.2  | 0.025 | 7  | 1.1  | 1DX15  | WHI10000122 |
| BRW100840 | 0.061 | 3   | 1.24 | 0.015 | 0.15 | 0.2  | 0.02  | 3.2  | 0.05 | 0.07  | 4  | 1.1  | 1DX15  | WHI10000122 |
| BRW100841 | 0.289 | 0.5 | 4.27 | 0.019 | 2.48 | 0.05 | 0.02  | 12.4 | 0.7  | 0.025 | 13 | 0.6  | 1DX15  | WHI10000122 |
| BRW100842 | 0.254 | 0.5 | 2.93 | 0.014 | 1.28 | 0.1  | 0.02  | 6.8  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW100843 | 0.214 | 2   | 2.99 | 0.009 | 1.43 | 0.05 | 0.03  | 14   | 0.6  | 0.025 | 12 | 0.5  | 1DX15  | WHI10000122 |
| BRW100844 | 0.154 | 1   | 2.26 | 0.009 | 0.54 | 0.1  | 0.02  | 8.9  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW100844 | 0.156 | 1   | 2.34 | 0.01  | 0.54 | 0.2  | 0.02  | 8.9  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW100851 | 0.276 | 0.5 | 2.75 | 0.018 | 1.1  | 0.05 | 0.03  | 4.1  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW100857 | 0.079 | 2   | 1.47 | 0.024 | 0.07 | 0.2  | 0.04  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW100861 | 0.087 | 1   | 2.27 | 0.024 | 0.49 | 0.05 | 0.01  | 5.8  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW100863 | 0.115 | 2   | 2.98 | 0.025 | 0.88 | 0.05 | 0.02  | 8.5  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW100866 | 0.146 | 2   | 3.51 | 0.02  | 0.55 | 0.05 | 0.03  | 11.7 | 0.3  | 0.025 | 12 | 0.5  | 1DX15  | WHI10000122 |
| BRW100867 | 0.156 | 0.5 | 2.63 | 0.018 | 0.96 | 0.05 | 0.005 | 9.5  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW100868 | 0.083 | 1   | 2.01 | 0.049 | 0.27 | 0.05 | 0.01  | 4.7  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW100869 | 0.127 | 0.5 | 2.02 | 0.011 | 0.52 | 0.05 | 0.01  | 5.3  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW100870 | 0.085 | 2   | 1.53 | 0.008 | 0.19 | 0.05 | 0.03  | 3.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW100871 | 0.258 | 1   | 2.2  | 0.009 | 1.25 | 0.05 | 0.005 | 12.8 | 0.6  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000122 |
| BRW100872 | 0.287 | 0.5 | 2.62 | 0.009 | 1.57 | 0.05 | 0.02  | 10   | 0.8  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW100874 | 0.236 | 0.5 | 3.15 | 0.015 | 1.53 | 0.05 | 0.02  | 9.6  | 0.7  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW100875 | 0.2   | 0.5 | 2.77 | 0.013 | 1.27 | 0.05 | 0.02  | 6.9  | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW100876 | 0.129 | 0.5 | 1.92 | 0.025 | 0.38 | 0.1  | 0.03  | 4.6  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW100877 | Soil | 597841     | 7006143    | 07V      | 1    | 37.1  | 10.3 | 79  | 0.1  | 31.4  | 12.2 |
| BRW100878 | Soil | 597904     | 7006065    | 07V      | 1.4  | 51.1  | 4.5  | 108 | 0.05 | 10.6  | 19   |
| BRW100938 | Soil | 596680     | 7006250    | 07V      | 1.4  | 50.5  | 6.6  | 111 | 0.05 | 48.3  | 18.9 |
| BRW100940 | Soil | 596563     | 7006158    | 07V      | 4.3  | 45.7  | 9.3  | 105 | 0.1  | 47.7  | 17.6 |
| BRW100943 | Soil | 596442     | 7006066    | 07V      | 1.4  | 40.2  | 11.8 | 79  | 0.05 | 30.4  | 12.1 |
| BRW100949 | Soil | 596247     | 7005913    | 07V      | 0.4  | 42.1  | 18.1 | 81  | 0.05 | 37.1  | 11.6 |
| BRW100951 | Soil | 598860     | 7005161    | 07V      | 2.3  | 61.9  | 15.6 | 150 | 0.05 | 62.1  | 21.7 |
| BRW100952 | Soil | 598901     | 7005192    | 07V      | 2    | 33.3  | 10.7 | 122 | 0.05 | 30.6  | 13.8 |
| BRW100955 | Soil | 599020     | 7005283    | 07V      | 0.7  | 31.7  | 8.9  | 55  | 0.1  | 26.8  | 9.6  |
| BRW100959 | Soil | 599768     | 7005871    | 07V      | 4.7  | 61    | 16.7 | 89  | 0.2  | 37.3  | 10.8 |
| BRW100961 | Soil | 599847     | 7005930    | 07V      | 2.4  | 59.6  | 21.8 | 157 | 0.2  | 51.1  | 15.4 |
| BRW100963 | Soil | 599885     | 7005965    | 07V      | 3.2  | 55.8  | 20.7 | 145 | 0.1  | 52.5  | 17.3 |
| BRW100966 | Soil | 596968     | 7004826    | 07V      | 0.8  | 585.9 | 2.8  | 66  | 0.2  | 11.6  | 32.5 |
| BRW100967 | Soil | 597008     | 7004858    | 07V      | 0.7  | 67    | 2.4  | 97  | 0.05 | 9.6   | 26.4 |
| BRW100980 | Soil | 597478     | 7005227    | 07V      | 1    | 115.2 | 4.4  | 47  | 0.05 | 205.9 | 38.9 |
| BRW100985 | Soil | 597676     | 7005380    | 07V      | 2.9  | 29    | 8.6  | 67  | 0.05 | 32.8  | 15.1 |
| BRW100986 | Soil | 597713     | 7005411    | 07V      | 1.1  | 30.1  | 8.8  | 66  | 0.05 | 31.3  | 15.4 |
| BRW100988 | Soil | 597795     | 7005473    | 07V      | 1.2  | 39.4  | 10.9 | 131 | 0.05 | 43    | 19.2 |
| BRW100992 | Soil | 597992     | 7005626    | 07V      | 1.3  | 71    | 6    | 98  | 0.05 | 37.7  | 20.8 |
| BRW100995 | Soil | 598109     | 7005720    | 07V      | 0.8  | 21.6  | 9.9  | 67  | 0.05 | 22.3  | 11.3 |
| BRW100996 | Soil | 598151     | 7005751    | 07V      | 1.1  | 24.9  | 9.1  | 72  | 0.05 | 23.7  | 12.4 |
| BRW100998 | Soil | 598092     | 7005580    | 07V      | 1    | 40    | 8.1  | 104 | 0.05 | 29.1  | 21.7 |
| BRW101088 | Soil | 597012     | 7005245    | 07V      | 0.5  | 32.2  | 8.5  | 73  | 0.1  | 26.9  | 11.5 |
| BRW101089 | Soil | 597052     | 7005274    | 07V      | 1.9  | 30.4  | 12.9 | 76  | 0.2  | 26.8  | 11.4 |
| BRW101090 | Soil | 596815     | 7005090    | 07V      | 0.8  | 37.1  | 9.3  | 61  | 0.1  | 28    | 12.9 |
| BRW101092 | Soil | 597093     | 7005308    | 07V      | 0.8  | 29.3  | 8.4  | 64  | 0.1  | 26.8  | 12   |
| BRW101094 | Soil | 597171     | 7005368    | 07V      | 1    | 24.5  | 9.3  | 66  | 0.1  | 21.1  | 10.3 |
| BRW101101 | Soil | 597409     | 7005551    | 07V      | 0.9  | 31.3  | 8.4  | 59  | 0.1  | 27.2  | 10.5 |
| BRW101104 | Soil | 597527     | 7005644    | 07V      | 1.4  | 40.2  | 11.7 | 81  | 0.1  | 33.2  | 14.1 |
| BRW101109 | Soil | 597728     | 7005802    | 07V      | 4.2  | 55    | 12   | 93  | 0.1  | 74.7  | 24.9 |
| BRW101145 | Soil | 597596     | 7006457    | 07V      | 1.1  | 54.4  | 9.2  | 67  | 0.1  | 34.9  | 13.1 |
| BRW101146 | Soil | 597560     | 7006423    | 07V      | 5.6  | 53.4  | 12.1 | 100 | 0.1  | 49.5  | 14.2 |
| BRW101147 | Soil | 597520     | 7006393    | 07V      | 5.1  | 32.8  | 9.5  | 57  | 0.05 | 29    | 9.3  |
| BRW101148 | Soil | 597482     | 7006362    | 07V      | 0.8  | 25.1  | 11.2 | 56  | 0.05 | 30.4  | 11.5 |
| BRW101149 | Soil | 597441     | 7006330    | 07V      | 0.8  | 38.8  | 9.7  | 70  | 0.1  | 35.6  | 14.7 |
| BRW101150 | Soil | 597398     | 7006297    | 07V      | 1.1  | 24    | 12.7 | 98  | 0.05 | 45.3  | 15.4 |
| BRW101173 | Soil | 596257     | 7004272    | 07V      | 0.6  | 43.7  | 5.4  | 58  | 0.05 | 43.1  | 12.8 |
| BRW101174 | Soil | 596295     | 7004303    | 07V      | 0.8  | 29.9  | 8.4  | 65  | 0.05 | 24.8  | 20.7 |
| BRW101174 | REP  | 596295     | 7004303    | 07V      | 0.9  | 28.9  | 8.3  | 63  | 0.05 | 25.1  | 20.2 |
| BRW101185 | Soil | 596415     | 7004397    | 07V      | 0.6  | 35.2  | 5.5  | 55  | 0.05 | 22.4  | 12.5 |
| BRW101189 | Soil | 596572     | 7004520    | 07V      | 0.6  | 67.4  | 6.7  | 155 | 0.05 | 17.3  | 24   |
| BRW101191 | Soil | 596650     | 7004580    | 07V      | 0.1  | 44.5  | 2.9  | 72  | 0.05 | 32.7  | 20.8 |
| BRW101193 | Soil | 596730     | 7004642    | 07V      | 0.05 | 13.6  | 0.8  | 36  | 0.05 | 274.5 | 24   |
| BRW101216 | Soil | 596356     | 7005236    | 07V      | 1.9  | 36.4  | 6.3  | 79  | 0.05 | 15.2  | 11   |
| BRW101218 | Soil | 596275     | 7005174    | 07V      | 1.1  | 67.8  | 5.4  | 126 | 0.05 | 24.7  | 23.4 |
| BRW101219 | Soil | 596235     | 7005143    | 07V      | 1    | 34    | 5.7  | 97  | 0.05 | 16.1  | 17.1 |
| BRW101221 | Soil | 596156     | 7005080    | 07V      | 1.2  | 53.2  | 4.7  | 93  | 0.05 | 45.6  | 25.7 |
| BRW101221 | REP  | 596156     | 7005080    | 07V      | 1.2  | 52.4  | 4.6  | 93  | 0.05 | 44.6  | 25.3 |
| BRW101222 | Soil | 596215     | 7005001    | 07V      | 4.3  | 81.4  | 11.8 | 178 | 0.1  | 64.1  | 31.7 |
| BRW101227 | Soil | 595920     | 7004897    | 07V      | 0.7  | 32.4  | 9.3  | 58  | 0.1  | 26.2  | 11.2 |
| BRW101229 | Soil | 595839     | 7004834    | 07V      | 1    | 41.1  | 9.1  | 70  | 0.05 | 26.2  | 14.6 |
| BRW101230 | Soil | 595802     | 7004804    | 07V      | 1    | 50.3  | 7.3  | 75  | 0.05 | 46.7  | 17.7 |
| BRW101233 | Soil | 595859     | 7004721    | 07V      | 0.2  | 14.1  | 2.7  | 30  | 0.05 | 24.9  | 18.2 |
| BRW101234 | Soil | 595900     | 7004752    | 07V      | 0.5  | 52.2  | 3.3  | 64  | 0.05 | 35.8  | 28.8 |
| BRW101237 | Soil | 596097     | 7004908    | 07V      | 0.9  | 25.6  | 7.6  | 67  | 0.05 | 23.2  | 20   |
| BRW101238 | Soil | 596136     | 7004939    | 07V      | 0.5  | 33.5  | 2.2  | 133 | 0.05 | 11.9  | 25.3 |
| BRW101239 | Soil | 596177     | 7004969    | 07V      | 1.4  | 48.2  | 2.9  | 80  | 0.05 | 30.9  | 29.1 |
| BRW101239 | REP  | 596177     | 7004969    | 07V      | 1.2  | 45.6  | 2.8  | 77  | 0.05 | 28.9  | 28.5 |
| BRW101241 | Soil | 596254     | 7005031    | 07V      | 1.6  | 57.1  | 11.8 | 82  | 0.1  | 38.1  | 18.9 |
| BRW101244 | Soil | 595619     | 7005168    | 07V      | 0.5  | 31.9  | 6    | 53  | 0.05 | 25    | 11   |
| BRW101253 | Soil | 595778     | 7005290    | 07V      | 0.8  | 96.9  | 3.4  | 82  | 0.05 | 36.5  | 33.5 |
| BRW101330 | Soil | 596844     | 7004984    | 07V      | 1    | 40.3  | 7.4  | 70  | 0.1  | 30.1  | 11.7 |
| BRW101331 | Soil | 596883     | 7005015    | 07V      | 1.1  | 61.1  | 8.1  | 86  | 0.1  | 47.9  | 17.2 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba   |
|-----------|------|------|-------|-----|------|------|-----|------|------|------|-----|------|-------|----|-----|------|------|
| BRW100877 | 599  | 3.25 | 15.3  | 0.6 | 4.9  | 5.4  | 38  | 0.1  | 0.9  | 0.1  | 54  | 0.75 | 0.051 | 17 | 29  | 0.65 | 308  |
| BRW100878 | 751  | 6.51 | 3.7   | 1.2 | 1.3  | 3.1  | 32  | 0.05 | 0.2  | 0.05 | 184 | 0.29 | 0.052 | 16 | 77  | 2.81 | 526  |
| BRW100938 | 526  | 5.44 | 3.1   | 0.8 | 1    | 33   | 18  | 0.05 | 0.1  | 0.05 | 138 | 0.38 | 0.061 | 52 | 85  | 1.53 | 660  |
| BRW100940 | 1701 | 6.04 | 26.7  | 0.8 | 6.1  | 11.9 | 20  | 0.3  | 0.4  | 0.05 | 88  | 0.52 | 0.06  | 65 | 50  | 0.8  | 538  |
| BRW100943 | 410  | 3.56 | 12.1  | 1   | 5.3  | 6.7  | 34  | 0.1  | 0.6  | 0.1  | 69  | 0.52 | 0.056 | 21 | 39  | 0.53 | 424  |
| BRW100949 | 529  | 4    | 7.7   | 2.3 | 2.7  | 26.5 | 14  | 0.05 | 0.3  | 0.05 | 32  | 0.28 | 0.068 | 69 | 34  | 0.48 | 183  |
| BRW100951 | 630  | 5.86 | 7.9   | 0.8 | 1.6  | 21.8 | 18  | 0.1  | 0.3  | 0.05 | 127 | 0.48 | 0.081 | 54 | 93  | 1.35 | 549  |
| BRW100952 | 649  | 5.64 | 12    | 0.7 | 0.8  | 16   | 14  | 0.05 | 0.3  | 0.05 | 98  | 0.19 | 0.039 | 20 | 48  | 1.25 | 442  |
| BRW100955 | 433  | 2.79 | 10.6  | 0.8 | 3.1  | 5.1  | 36  | 0.1  | 0.6  | 0.1  | 55  | 0.65 | 0.059 | 21 | 31  | 0.58 | 387  |
| BRW100959 | 554  | 3.65 | 13.7  | 3.4 | 7.1  | 10.3 | 65  | 0.1  | 1.2  | 0.2  | 61  | 3.08 | 0.069 | 35 | 25  | 0.34 | 285  |
| BRW100961 | 596  | 4.43 | 9.5   | 2.1 | 5.4  | 17   | 24  | 0.3  | 0.5  | 0.2  | 85  | 0.5  | 0.09  | 44 | 43  | 0.74 | 368  |
| BRW100963 | 433  | 5.45 | 7     | 2.9 | 1.2  | 19.2 | 18  | 0.1  | 0.5  | 0.5  | 99  | 0.26 | 0.082 | 36 | 57  | 0.81 | 420  |
| BRW100966 | 1364 | 5.7  | 3.6   | 0.2 | 4.3  | 0.8  | 66  | 0.1  | 0.3  | 0.4  | 146 | 1.1  | 0.068 | 3  | 20  | 1.17 | 262  |
| BRW100967 | 1078 | 5.38 | 1.2   | 0.2 | 0.8  | 1.5  | 99  | 0.05 | 0.2  | 0.05 | 136 | 1.45 | 0.129 | 8  | 14  | 1.82 | 402  |
| BRW100980 | 406  | 2.98 | 4.8   | 0.5 | 2.7  | 2.4  | 23  | 0.05 | 0.1  | 0.05 | 61  | 0.6  | 0.066 | 8  | 227 | 2.1  | 167  |
| BRW100985 | 450  | 3.34 | 26.1  | 0.7 | 6.7  | 3.6  | 31  | 0.3  | 0.6  | 0.1  | 61  | 0.71 | 0.071 | 14 | 48  | 0.54 | 313  |
| BRW100986 | 628  | 3.36 | 6.7   | 1.1 | 0.8  | 7.9  | 26  | 0.05 | 0.3  | 0.1  | 64  | 0.63 | 0.049 | 27 | 48  | 0.83 | 295  |
| BRW100988 | 471  | 4.46 | 19.7  | 0.8 | 1.7  | 16.2 | 27  | 0.2  | 0.3  | 0.1  | 101 | 0.66 | 0.175 | 45 | 115 | 1.37 | 537  |
| BRW100992 | 572  | 5.3  | 2.1   | 0.7 | 0.25 | 8.5  | 22  | 0.05 | 0.1  | 0.05 | 146 | 0.54 | 0.115 | 20 | 77  | 2.03 | 620  |
| BRW100995 | 384  | 3.06 | 6.4   | 0.8 | 9.6  | 8.9  | 23  | 0.05 | 0.4  | 0.1  | 64  | 0.36 | 0.067 | 27 | 33  | 0.67 | 236  |
| BRW100996 | 505  | 3.19 | 11.2  | 0.7 | 1    | 7.1  | 24  | 0.2  | 0.5  | 0.1  | 70  | 0.45 | 0.064 | 21 | 36  | 0.65 | 185  |
| BRW100998 | 755  | 5.21 | 2.8   | 0.8 | 0.25 | 6.2  | 21  | 0.05 | 0.1  | 0.05 | 153 | 0.69 | 0.204 | 22 | 56  | 1.98 | 494  |
| BRW101088 | 622  | 2.47 | 9.1   | 1.3 | 3.1  | 4.3  | 44  | 0.4  | 0.7  | 0.2  | 50  | 0.88 | 0.07  | 16 | 28  | 0.6  | 334  |
| BRW101089 | 302  | 3    | 6.5   | 1.6 | 3.1  | 9.6  | 30  | 0.2  | 0.4  | 0.1  | 59  | 0.42 | 0.062 | 34 | 38  | 0.54 | 297  |
| BRW101090 | 438  | 2.72 | 10.5  | 1.1 | 2.6  | 3.2  | 43  | 0.3  | 0.6  | 0.1  | 71  | 1.04 | 0.076 | 13 | 41  | 0.65 | 319  |
| BRW101092 | 424  | 2.77 | 7.7   | 1   | 3.5  | 5.1  | 34  | 0.2  | 0.5  | 0.1  | 57  | 0.65 | 0.06  | 19 | 34  | 0.57 | 321  |
| BRW101094 | 501  | 2.58 | 7.9   | 0.9 | 2.8  | 3.9  | 28  | 0.3  | 0.4  | 0.2  | 64  | 0.46 | 0.06  | 14 | 29  | 0.51 | 367  |
| BRW101101 | 427  | 2.62 | 8.2   | 0.9 | 13.6 | 3.8  | 44  | 0.2  | 0.6  | 0.1  | 63  | 0.8  | 0.068 | 13 | 31  | 0.59 | 300  |
| BRW101104 | 474  | 3.58 | 7.9   | 1   | 0.25 | 7.5  | 24  | 0.1  | 0.4  | 0.2  | 85  | 0.44 | 0.05  | 31 | 55  | 0.65 | 369  |
| BRW101109 | 394  | 4.62 | 4.6   | 1   | 1.7  | 12.9 | 22  | 0.05 | 0.2  | 0.1  | 96  | 0.18 | 0.065 | 19 | 79  | 1.1  | 299  |
| BRW101145 | 466  | 3.08 | 11.8  | 1   | 6.9  | 6    | 28  | 0.05 | 0.9  | 0.2  | 64  | 0.47 | 0.037 | 20 | 36  | 0.71 | 252  |
| BRW101146 | 719  | 4.19 | 22.5  | 1.9 | 5.7  | 7.4  | 21  | 0.1  | 1.6  | 0.2  | 47  | 0.19 | 0.077 | 26 | 27  | 0.4  | 235  |
| BRW101147 | 352  | 3.18 | 14.8  | 0.9 | 9.8  | 5.7  | 23  | 0.05 | 1.6  | 0.2  | 58  | 0.25 | 0.024 | 18 | 36  | 0.47 | 413  |
| BRW101148 | 261  | 3.2  | 11.8  | 0.5 | 0.25 | 10.1 | 16  | 0.05 | 0.6  | 0.1  | 54  | 0.2  | 0.017 | 17 | 41  | 0.76 | 181  |
| BRW101149 | 511  | 3.46 | 12    | 0.4 | 3.8  | 6.9  | 22  | 0.05 | 0.7  | 0.1  | 66  | 0.41 | 0.025 | 26 | 41  | 0.77 | 333  |
| BRW101150 | 406  | 4.17 | 7.5   | 0.9 | 0.25 | 11.6 | 17  | 0.1  | 0.4  | 0.1  | 77  | 0.2  | 0.028 | 16 | 65  | 1.06 | 243  |
| BRW101173 | 254  | 3.3  | 1.5   | 1   | 0.25 | 9.8  | 284 | 0.05 | 0.05 | 0.05 | 113 | 0.58 | 0.091 | 15 | 73  | 1.12 | 1044 |
| BRW101174 | 766  | 3.65 | 3.9   | 0.6 | 0.6  | 3.4  | 23  | 0.2  | 0.2  | 0.4  | 111 | 0.44 | 0.101 | 5  | 37  | 1.03 | 449  |
| BRW101174 | 763  | 3.7  | 3.7   | 0.6 | 0.25 | 3.4  | 23  | 0.2  | 0.2  | 0.3  | 113 | 0.46 | 0.099 | 6  | 37  | 1.02 | 447  |
| BRW101185 | 314  | 3.15 | 4.4   | 0.9 | 1.2  | 4.8  | 25  | 0.05 | 0.3  | 0.1  | 98  | 0.42 | 0.047 | 15 | 47  | 0.83 | 284  |
| BRW101189 | 1488 | 5.67 | 5     | 0.9 | 0.25 | 3.4  | 37  | 0.2  | 0.3  | 0.05 | 160 | 0.65 | 0.081 | 13 | 29  | 1.49 | 279  |
| BRW101191 | 557  | 3.63 | 0.8   | 0.2 | 0.25 | 0.7  | 65  | 0.05 | 0.05 | 0.05 | 104 | 1.21 | 0.116 | 2  | 27  | 1.5  | 98   |
| BRW101193 | 326  | 2.06 | 0.25  | 0.2 | 0.5  | 1.9  | 11  | 0.05 | 0.05 | 0.05 | 57  | 0.45 | 0.03  | 7  | 587 | 2.75 | 176  |
| BRW101216 | 907  | 4.64 | 6.7   | 1.2 | 3    | 6.1  | 25  | 0.05 | 0.9  | 0.05 | 44  | 0.42 | 0.025 | 35 | 19  | 0.54 | 164  |
| BRW101218 | 1066 | 5.31 | 2.7   | 0.3 | 1.7  | 2.8  | 33  | 0.1  | 0.6  | 0.05 | 145 | 0.68 | 0.079 | 17 | 19  | 0.94 | 522  |
| BRW101219 | 925  | 4.18 | 3.9   | 0.6 | 3.1  | 5.6  | 33  | 0.1  | 0.5  | 0.05 | 75  | 0.73 | 0.106 | 14 | 15  | 0.99 | 521  |
| BRW101221 | 697  | 5.49 | 29.9  | 0.6 | 0.9  | 5.4  | 35  | 0.1  | 0.2  | 0.05 | 159 | 0.57 | 0.068 | 14 | 77  | 1.41 | 991  |
| BRW101221 | 701  | 5.42 | 29.6  | 0.6 | 1.1  | 5.2  | 35  | 0.1  | 0.2  | 0.05 | 158 | 0.55 | 0.066 | 14 | 77  | 1.42 | 980  |
| BRW101222 | 1117 | 6.91 | 152.7 | 0.9 | 2.4  | 11.5 | 22  | 0.4  | 1.4  | 0.3  | 190 | 0.52 | 0.093 | 35 | 56  | 0.63 | 465  |
| BRW101227 | 488  | 2.74 | 8.9   | 1.1 | 1.2  | 3.7  | 44  | 0.2  | 0.8  | 0.2  | 63  | 0.7  | 0.06  | 14 | 29  | 0.58 | 338  |
| BRW101229 | 378  | 3.64 | 5.9   | 1.3 | 0.8  | 4.7  | 31  | 0.2  | 0.6  | 0.2  | 104 | 0.59 | 0.048 | 18 | 39  | 0.71 | 345  |
| BRW101230 | 397  | 4.41 | 38.3  | 1.3 | 0.7  | 13.3 | 20  | 0.05 | 0.3  | 0.1  | 108 | 0.48 | 0.084 | 34 | 58  | 0.72 | 268  |
| BRW101233 | 463  | 3.06 | 1.1   | 0.2 | 0.25 | 0.5  | 25  | 0.05 | 0.2  | 0.05 | 116 | 0.84 | 0.064 | 8  | 34  | 1.49 | 167  |
| BRW101234 | 1385 | 6.03 | 8.2   | 0.6 | 1.2  | 6.3  | 25  | 0.1  | 0.2  | 0.05 | 190 | 0.94 | 0.132 | 23 | 45  | 1.14 | 503  |
| BRW101237 | 592  | 4.82 | 4.8   | 1   | 1.2  | 3.9  | 27  | 0.05 | 0.3  | 0.05 | 133 | 0.81 | 0.109 | 13 | 43  | 1.74 | 336  |
| BRW101238 | 1216 | 5.19 | 2.6   | 0.3 | 1.2  | 1.2  | 49  | 0.3  | 0.5  | 0.05 | 149 | 3.79 | 0.088 | 7  | 20  | 1.19 | 356  |
| BRW101239 | 722  | 4.16 | 5.6   | 0.3 | 0.8  | 1.1  | 30  | 0.05 | 0.3  | 0.05 | 98  | 0.88 | 0.06  | 4  | 65  | 1.47 | 272  |
| BRW101239 | 694  | 3.99 | 5.1   | 0.3 | 0.25 | 1.1  | 28  | 0.05 | 0.4  | 0.05 | 95  | 0.87 | 0.062 | 4  | 61  | 1.42 | 264  |
| BRW101241 | 566  | 4.32 | 11    | 0.5 | 2    | 4.6  | 38  | 0.1  | 0.9  | 0.2  | 127 | 0.74 | 0.066 | 16 | 59  | 0.86 | 406  |
| BRW101244 | 397  | 2.74 | 8     | 0.4 | 1.6  | 3.1  | 36  | 0.1  | 0.4  | 0.1  | 63  | 0.68 | 0.073 | 13 | 30  | 0.77 | 263  |
| BRW101253 | 1052 | 5.66 | 11.9  | 0.3 | 1.7  | 2.3  | 77  | 0.05 | 0.7  | 0.05 | 145 | 5.09 | 0.097 | 10 | 44  | 1.81 | 284  |
| BRW101330 | 436  | 2.78 | 10.1  | 0.5 | 2.3  | 3.5  | 52  | 0.3  | 0.7  | 0.1  | 64  | 1.43 | 0.084 | 12 | 32  | 0.82 | 277  |
| BRW101331 | 581  | 3.79 | 8.9   | 0.8 | 1.8  | 4.3  | 37  | 0.2  | 0.4  | 0.1  | 82  | 1.04 | 0.102 | 20 | 60  | 0.99 | 337  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW100877 | 0.092 | 2   | 1.52 | 0.038 | 0.18 | 0.2  | 0.05  | 5    | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000122 |
| BRW100878 | 0.29  | 0.5 | 3.43 | 0.029 | 2.05 | 0.05 | 0.005 | 13.5 | 0.8  | 0.36  | 12 | 0.9  | 1DX15  | WHI10000122 |
| BRW100938 | 0.247 | 0.5 | 3.12 | 0.017 | 1.27 | 0.05 | 0.005 | 10.8 | 0.6  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000122 |
| BRW100940 | 0.066 | 2   | 1.62 | 0.013 | 0.37 | 0.05 | 0.04  | 9.6  | 0.2  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000122 |
| BRW100943 | 0.072 | 2   | 1.66 | 0.02  | 0.09 | 0.1  | 0.04  | 5.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW100949 | 0.091 | 1   | 1.34 | 0.006 | 0.58 | 0.05 | 0.03  | 4.4  | 0.4  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW100951 | 0.18  | 0.5 | 2.96 | 0.012 | 1.05 | 0.05 | 0.03  | 8.7  | 0.5  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000122 |
| BRW100952 | 0.278 | 1   | 2.9  | 0.011 | 1.59 | 0.05 | 0.005 | 10.1 | 0.8  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000122 |
| BRW100955 | 0.077 | 2   | 1.5  | 0.028 | 0.1  | 0.2  | 0.02  | 4.5  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000122 |
| BRW100959 | 0.032 | 3   | 1.14 | 0.012 | 0.29 | 0.1  | 0.19  | 6.6  | 0.3  | 0.025 | 4  | 1.1  | 1DX15  | WHI10000122 |
| BRW100961 | 0.146 | 1   | 1.71 | 0.019 | 0.66 | 0.05 | 0.05  | 4.9  | 0.6  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000122 |
| BRW100963 | 0.205 | 3   | 2.25 | 0.013 | 1.02 | 0.05 | 0.03  | 5.6  | 0.9  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000122 |
| BRW100966 | 0.025 | 3   | 2.79 | 0.029 | 0.11 | 0.05 | 0.38  | 12.5 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW100967 | 0.175 | 1   | 3.32 | 0.024 | 0.3  | 0.05 | 0.005 | 6.4  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW100980 | 0.069 | 2   | 1.95 | 0.017 | 0.21 | 0.05 | 0.01  | 4.9  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW100985 | 0.055 | 2   | 1.42 | 0.016 | 0.05 | 0.2  | 0.04  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW100986 | 0.094 | 1   | 2.02 | 0.018 | 0.18 | 0.1  | 0.02  | 4.2  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW100988 | 0.145 | 5   | 2.48 | 0.018 | 0.82 | 0.05 | 0.005 | 7.2  | 0.4  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000122 |
| BRW100992 | 0.287 | 0.5 | 3.92 | 0.046 | 1.37 | 0.05 | 0.01  | 6.6  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW100995 | 0.115 | 1   | 1.65 | 0.019 | 0.24 | 0.2  | 0.01  | 4.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW100996 | 0.108 | 1   | 1.51 | 0.015 | 0.19 | 0.1  | 0.02  | 3.5  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW100998 | 0.243 | 0.5 | 3.36 | 0.012 | 1.34 | 0.1  | 0.005 | 8.2  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW101088 | 0.069 | 2   | 1.31 | 0.02  | 0.08 | 0.1  | 0.04  | 3.4  | 0.05 | 0.025 | 4  | 0.9  | 1DX15  | WHI10000122 |
| BRW101089 | 0.084 | 2   | 1.68 | 0.015 | 0.19 | 0.1  | 0.04  | 4.1  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW101090 | 0.07  | 0.5 | 1.47 | 0.023 | 0.07 | 0.1  | 0.03  | 4    | 0.05 | 0.025 | 4  | 1.2  | 1DX15  | WHI10000122 |
| BRW101092 | 0.075 | 2   | 1.62 | 0.018 | 0.07 | 0.2  | 0.04  | 4.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW101094 | 0.075 | 0.5 | 1.44 | 0.025 | 0.07 | 0.2  | 0.03  | 3.2  | 0.1  | 0.06  | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW101101 | 0.084 | 1   | 1.43 | 0.029 | 0.06 | 0.2  | 0.03  | 3.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW101104 | 0.093 | 1   | 1.66 | 0.009 | 0.24 | 0.05 | 0.03  | 6.6  | 0.2  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000122 |
| BRW101109 | 0.153 | 0.5 | 2.53 | 0.016 | 0.46 | 0.05 | 0.01  | 4.3  | 0.3  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW101145 | 0.096 | 2   | 1.7  | 0.023 | 0.15 | 0.1  | 0.08  | 4.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW101146 | 0.038 | 2   | 1.2  | 0.006 | 0.4  | 0.05 | 0.04  | 5.7  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW101147 | 0.065 | 1   | 1.46 | 0.013 | 0.1  | 0.2  | 0.04  | 9.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW101148 | 0.129 | 1   | 1.84 | 0.009 | 0.6  | 0.05 | 0.005 | 4.3  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW101149 | 0.092 | 1   | 2.01 | 0.018 | 0.24 | 0.1  | 0.03  | 5.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW101150 | 0.16  | 0.5 | 2.41 | 0.01  | 0.94 | 0.1  | 0.02  | 6.8  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW101173 | 0.147 | 0.5 | 2.33 | 0.029 | 0.67 | 0.05 | 0.005 | 5.4  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW101174 | 0.153 | 0.5 | 2.42 | 0.028 | 0.45 | 0.05 | 0.005 | 4.2  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW101174 | 0.157 | 0.5 | 2.4  | 0.028 | 0.44 | 0.05 | 0.005 | 4.4  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW101185 | 0.138 | 0.5 | 1.82 | 0.028 | 0.17 | 0.05 | 0.02  | 6.1  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW101189 | 0.06  | 1   | 2.53 | 0.016 | 0.11 | 0.05 | 0.02  | 13.2 | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW101191 | 0.133 | 0.5 | 2.45 | 0.03  | 0.04 | 0.05 | 0.005 | 5.7  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW101193 | 0.107 | 1   | 1.95 | 0.008 | 0.34 | 0.05 | 0.005 | 4.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW101216 | 0.04  | 2   | 1.68 | 0.016 | 0.13 | 0.05 | 0.03  | 15.2 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW101218 | 0.136 | 0.5 | 2.32 | 0.041 | 0.5  | 0.05 | 0.08  | 12.2 | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW101219 | 0.085 | 1   | 2.06 | 0.015 | 0.41 | 0.05 | 0.02  | 5.5  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW101221 | 0.132 | 1   | 2.68 | 0.023 | 0.74 | 0.05 | 0.02  | 11.2 | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW101221 | 0.132 | 0.5 | 2.57 | 0.023 | 0.76 | 0.05 | 0.02  | 10.9 | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW101222 | 0.044 | 2   | 1.49 | 0.012 | 0.3  | 0.05 | 0.29  | 15.4 | 0.9  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW101227 | 0.073 | 1   | 1.52 | 0.026 | 0.05 | 0.2  | 0.04  | 4    | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000122 |
| BRW101229 | 0.103 | 2   | 2.11 | 0.025 | 0.14 | 0.1  | 0.03  | 7.3  | 0.05 | 0.025 | 6  | 0.8  | 1DX15  | WHI10000122 |
| BRW101230 | 0.079 | 0.5 | 2.37 | 0.013 | 0.34 | 0.05 | 0.02  | 9.2  | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW101233 | 0.056 | 2   | 1.61 | 0.042 | 0.08 | 0.05 | 0.005 | 8.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW101234 | 0.058 | 3   | 2.25 | 0.021 | 0.24 | 0.05 | 0.02  | 14   | 0.1  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW101237 | 0.139 | 2   | 2.66 | 0.029 | 0.51 | 0.05 | 0.02  | 8.6  | 0.1  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000122 |
| BRW101238 | 0.013 | 2   | 2.21 | 0.021 | 0.1  | 0.05 | 0.09  | 14.5 | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW101239 | 0.058 | 2   | 1.9  | 0.021 | 0.14 | 0.05 | 0.13  | 7.9  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW101239 | 0.055 | 2   | 1.85 | 0.02  | 0.14 | 0.05 | 0.12  | 7.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW101241 | 0.081 | 0.5 | 2.21 | 0.025 | 0.2  | 0.05 | 0.15  | 10.3 | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW101244 | 0.071 | 2   | 1.45 | 0.03  | 0.06 | 0.1  | 0.02  | 4.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW101253 | 0.011 | 3   | 3.03 | 0.012 | 0.06 | 0.05 | 0.05  | 11.5 | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW101330 | 0.074 | 2   | 1.39 | 0.04  | 0.11 | 0.1  | 0.02  | 3.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW101331 | 0.073 | 2   | 2.02 | 0.023 | 0.08 | 0.05 | 0.05  | 6.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|-------|------|
| BRW101332 | Soil | 597002     | 7005107    | 07V      | 0.7 | 22.2  | 8.4  | 68  | 0.1  | 20    | 10   |
| BRW101332 | REP  | 597002     | 7005107    | 07V      | 0.6 | 22.8  | 8.1  | 70  | 0.1  | 19.5  | 9.9  |
| BRW101333 | Soil | 597043     | 7005138    | 07V      | 0.9 | 35.2  | 9.8  | 81  | 0.2  | 27.2  | 11.5 |
| BRW101334 | Soil | 597080     | 7005168    | 07V      | 0.9 | 31.1  | 7.4  | 64  | 0.05 | 29.3  | 12.7 |
| BRW101335 | Soil | 597121     | 7005201    | 07V      | 0.8 | 24.1  | 9.7  | 67  | 0.05 | 23.3  | 11   |
| BRW101336 | Soil | 597159     | 7005231    | 07V      | 0.9 | 26.3  | 9.9  | 62  | 0.05 | 23.7  | 10.4 |
| BRW101338 | Soil | 597238     | 7005291    | 07V      | 0.8 | 96.5  | 5.8  | 96  | 0.05 | 24.7  | 16   |
| BRW101341 | Soil | 597357     | 7005385    | 07V      | 1.3 | 32.2  | 9.5  | 67  | 0.1  | 25.5  | 11.2 |
| BRW101343 | Soil | 596924     | 7005045    | 07V      | 0.7 | 41.4  | 8.2  | 74  | 0.1  | 30.2  | 14.4 |
| BRW101347 | Soil | 597516     | 7005511    | 07V      | 1.1 | 25.5  | 8.1  | 57  | 0.05 | 24.9  | 11.6 |
| BRW101353 | Soil | 597749     | 7005691    | 07V      | 0.8 | 39.1  | 8.2  | 72  | 0.1  | 31.9  | 11.6 |
| BRW101356 | Soil | 597870     | 7005785    | 07V      | 0.9 | 21.6  | 9.4  | 80  | 0.05 | 12.5  | 9.3  |
| BRW101357 | Soil | 597908     | 7005815    | 07V      | 1   | 35.6  | 10.8 | 109 | 0.2  | 21.3  | 17.2 |
| BRW101358 | Soil | 597948     | 7005846    | 07V      | 1.1 | 23.9  | 12.4 | 102 | 0.05 | 21.1  | 13.4 |
| BRW101365 | Soil | 597473     | 7006617    |          | 1.8 | 23    | 12   | 73  | 0.1  | 24.1  | 10.2 |
| BRW101375 | Soil | 597079     | 7006308    |          | 0.8 | 20.9  | 10.5 | 99  | 0.05 | 19.8  | 18.5 |
| BRW101385 | Soil | 596723     | 7006029    |          | 1.9 | 40.2  | 6.7  | 104 | 0.05 | 29.1  | 18.5 |
| BRW101428 | Soil | 596449     | 7005816    |          | 0.6 | 35.8  | 13.3 | 111 | 0.05 | 36.7  | 15.6 |
| BRW101430 | Soil | 596331     | 7005724    |          | 1.4 | 33.5  | 11.8 | 222 | 0.1  | 41.4  | 15.5 |
| BRW101494 | Soil | 596985     | 7004967    | 07V      | 1   | 36.5  | 10   | 51  | 0.05 | 27    | 12   |
| BRW102601 | Soil | 596301     | 7004054    | 07V      | 0.9 | 54.8  | 4.4  | 73  | 0.05 | 44.1  | 14.5 |
| BRW102602 | Soil | 596339     | 7004083    | 07V      | 1.1 | 46.2  | 6.4  | 106 | 0.1  | 41.9  | 13.8 |
| BRW102603 | Soil | 596380     | 7004112    | 07V      | 1.2 | 72.4  | 6.5  | 74  | 0.1  | 55.7  | 14.4 |
| BRW102607 | Soil | 596496     | 7004207    | 07V      | 0.8 | 32.3  | 6.8  | 66  | 0.05 | 39.5  | 15.5 |
| BRW102609 | Soil | 596576     | 7004270    | 07V      | 1.1 | 75.3  | 3    | 104 | 0.05 | 50.5  | 14   |
| BRW102610 | Soil | 596616     | 7004299    | 07V      | 1.2 | 22.5  | 7.1  | 66  | 0.05 | 16.5  | 12.1 |
| BRW102611 | Soil | 596657     | 7004329    | 07V      | 0.2 | 83.4  | 3.6  | 71  | 0.05 | 25.9  | 23.6 |
| BRW102612 | Soil | 596696     | 7004361    | 07V      | 0.6 | 129.3 | 3.1  | 67  | 0.05 | 22.8  | 24.9 |
| BRW102623 | Soil | 596909     | 7004655    | 07V      | 0.9 | 104.4 | 3    | 91  | 0.05 | 22.6  | 16.8 |
| BRW102632 | Soil | 596045     | 7006009    | 07V      | 0.6 | 54.7  | 13.3 | 93  | 0.05 | 33.8  | 14.1 |
| BRW102633 | Soil | 595969     | 7005948    | 07V      | 0.9 | 30.9  | 18.4 | 68  | 0.05 | 19.9  | 6.8  |
| BRW102635 | Soil | 595928     | 7005917    | 07V      | 0.5 | 55    | 10.8 | 55  | 0.05 | 82.5  | 21.6 |
| BRW102751 | Soil | 597261     | 7005182    | 07V      | 2   | 41.2  | 9.3  | 165 | 0.05 | 41.7  | 17.5 |
| BRW102752 | Soil | 597302     | 7005212    | 07V      | 2.3 | 37    | 12.3 | 82  | 0.1  | 31.4  | 12.4 |
| BRW102753 | Soil | 597341     | 7005244    | 07V      | 2.1 | 67.5  | 12.5 | 135 | 0.05 | 73.3  | 18.8 |
| BRW102758 | Soil | 597536     | 7005396    | 07V      | 1.7 | 21.1  | 8.2  | 60  | 0.05 | 26    | 13.2 |
| BRW102759 | Soil | 597575     | 7005427    | 07V      | 1.7 | 27.2  | 9.9  | 71  | 0.1  | 24.1  | 10.8 |
| BRW102759 | REP  | 597575     | 7005427    | 07V      | 1.8 | 28.1  | 9.9  | 72  | 0.1  | 27.1  | 11.3 |
| BRW102760 | Soil | 597614     | 7005459    | 07V      | 1.8 | 75.5  | 3.6  | 96  | 0.05 | 108.2 | 28.2 |
| BRW102761 | Soil | 597653     | 7005490    | 07V      | 1.3 | 56.3  | 11.9 | 103 | 0.05 | 53.7  | 22.8 |
| BRW102763 | Soil | 597772     | 7005582    | 07V      | 2.2 | 63.5  | 9.5  | 85  | 0.2  | 64.5  | 24   |
| BRW102763 | REP  | 597772     | 7005582    | 07V      | 2.2 | 61.6  | 9.5  | 84  | 0.2  | 63.9  | 24.1 |
| BRW102764 | Soil | 597809     | 7005612    | 07V      | 1.1 | 28.9  | 8.5  | 62  | 0.1  | 25.8  | 11.6 |
| BRW102765 | Soil | 597851     | 7005646    | 07V      | 1   | 45.3  | 12.5 | 97  | 0.05 | 54.3  | 19.9 |
| BRW102784 | Soil | 596885     | 7006794    | 07V      | 3.7 | 53.7  | 13.4 | 26  | 0.05 | 7.9   | 2.1  |
| BRW102793 | Soil | 596534     | 7006517    | 07V      | 0.9 | 79    | 3.9  | 90  | 0.05 | 96.9  | 26.3 |
| BRW102851 | Soil | 596315     | 7004445    | 07V      | 0.9 | 51.9  | 6.4  | 77  | 0.05 | 38.7  | 16.9 |
| BRW102852 | Soil | 596275     | 7004414    | 07V      | 0.7 | 32.2  | 7.2  | 55  | 0.05 | 23.9  | 14   |
| BRW102853 | Soil | 596235     | 7004381    | 07V      | 0.8 | 59.2  | 4.9  | 86  | 0.05 | 48.6  | 13.6 |
| BRW102857 | Soil | 596056     | 7004366    | 07V      | 1   | 57    | 4.3  | 55  | 0.05 | 39.7  | 22.6 |
| BRW102860 | Soil | 596173     | 7004461    | 07V      | 0.8 | 38.3  | 8.2  | 61  | 0.05 | 29.3  | 14   |
| BRW102890 | Soil | 596744     | 7005031    | 07V      | 0.8 | 30.7  | 7.2  | 72  | 0.05 | 25.6  | 12.7 |
| BRW102891 | Soil | 596703     | 7005001    | 07V      | 1   | 31.6  | 8.2  | 67  | 0.05 | 25.2  | 12.8 |
| BRW102895 | Soil | 596547     | 7004877    | 07V      | 1   | 39.1  | 8    | 68  | 0.1  | 32    | 12.2 |
| BRW102927 | Soil | 596662     | 7006111    | 07V      | 2.3 | 77.6  | 9.1  | 122 | 0.05 | 63    | 23.9 |
| BRW102929 | Soil | 596584     | 7006050    | 07V      | 1.4 | 22.6  | 10.5 | 61  | 0.05 | 22.7  | 9.2  |
| BRW102929 | REP  | 596584     | 7006050    | 07V      | 1.2 | 21.7  | 9.9  | 54  | 0.05 | 22.5  | 9.1  |
| BRW102930 | Soil | 596545     | 7006018    | 07V      | 1.1 | 31.8  | 10.7 | 61  | 0.05 | 25.8  | 11.3 |
| BRW102932 | Soil | 596467     | 7005958    | 07V      | 2.4 | 60.7  | 22.6 | 169 | 0.05 | 62.3  | 19   |
| BRW102933 | Soil | 596426     | 7005928    | 07V      | 2.1 | 41.2  | 12.4 | 68  | 0.05 | 36.1  | 11.8 |
| BRW102938 | Soil | 596268     | 7005803    | 07V      | 0.7 | 20.8  | 10.9 | 54  | 0.05 | 29.7  | 10.2 |
| BRW102963 | Soil | 599318     | 7006281    | 07V      | 4.4 | 28.3  | 17.8 | 60  | 0.05 | 23.5  | 8.7  |
| BRW102963 | REP  | 599318     | 7006281    | 07V      | 4.6 | 28.9  | 17.6 | 62  | 0.05 | 24.5  | 8.8  |

| SampleID  | Mn  | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba   |
|-----------|-----|------|------|-----|------|------|-----|------|------|------|-----|------|-------|-----|-----|------|------|
| BRW101332 | 474 | 2.33 | 6.8  | 1.2 | 4.2  | 3.9  | 45  | 0.3  | 0.4  | 0.1  | 57  | 1.2  | 0.068 | 16  | 28  | 0.45 | 263  |
| BRW101332 | 466 | 2.29 | 6.4  | 1.1 | 0.25 | 3.9  | 42  | 0.3  | 0.5  | 0.1  | 58  | 1.14 | 0.069 | 16  | 27  | 0.46 | 268  |
| BRW101333 | 402 | 2.56 | 6.8  | 1.8 | 1.7  | 5.8  | 34  | 0.4  | 0.6  | 0.1  | 53  | 0.88 | 0.067 | 22  | 30  | 0.47 | 339  |
| BRW101334 | 339 | 3.43 | 6.1  | 0.9 | 3.3  | 6.8  | 28  | 0.05 | 0.3  | 0.05 | 58  | 0.53 | 0.093 | 24  | 43  | 0.73 | 221  |
| BRW101335 | 298 | 2.82 | 5.3  | 1   | 1.5  | 7.6  | 26  | 0.05 | 0.3  | 0.1  | 52  | 0.4  | 0.048 | 24  | 35  | 0.56 | 287  |
| BRW101336 | 334 | 2.63 | 6.6  | 1.1 | 2.8  | 6.9  | 26  | 0.1  | 0.4  | 0.2  | 50  | 0.44 | 0.051 | 22  | 32  | 0.52 | 286  |
| BRW101338 | 622 | 4.04 | 4.6  | 0.6 | 5    | 2.9  | 22  | 0.1  | 0.2  | 0.05 | 92  | 0.56 | 0.093 | 10  | 28  | 0.88 | 1280 |
| BRW101341 | 491 | 2.65 | 9    | 1.3 | 5.8  | 4.5  | 44  | 0.2  | 0.7  | 0.2  | 67  | 0.73 | 0.068 | 16  | 33  | 0.58 | 338  |
| BRW101343 | 433 | 3.16 | 7.2  | 1   | 5.4  | 4.3  | 38  | 0.1  | 0.4  | 0.1  | 72  | 0.81 | 0.074 | 15  | 60  | 0.81 | 279  |
| BRW101347 | 416 | 2.76 | 8.4  | 0.9 | 3.5  | 4.4  | 38  | 0.2  | 0.6  | 0.1  | 63  | 0.58 | 0.071 | 17  | 35  | 0.58 | 282  |
| BRW101353 | 419 | 2.84 | 6.4  | 1.3 | 2.1  | 9.3  | 42  | 0.05 | 0.4  | 0.1  | 57  | 0.91 | 0.069 | 42  | 36  | 0.75 | 488  |
| BRW101356 | 366 | 3.35 | 5.3  | 0.6 | 1.1  | 8.7  | 19  | 0.05 | 0.2  | 0.1  | 67  | 0.4  | 0.048 | 27  | 27  | 0.79 | 399  |
| BRW101357 | 975 | 4.49 | 3.9  | 1.3 | 1.5  | 12.9 | 22  | 0.1  | 0.1  | 0.05 | 95  | 0.51 | 0.098 | 69  | 47  | 1.23 | 407  |
| BRW101358 | 485 | 4.11 | 6.6  | 0.8 | 2.2  | 8.9  | 21  | 0.1  | 0.4  | 0.1  | 79  | 0.33 | 0.065 | 24  | 41  | 0.95 | 239  |
| BRW101365 | 911 | 2.75 | 29.9 | 0.6 | 19.8 | 2.6  | 23  | 0.2  | 1.2  | 0.2  | 67  | 0.27 | 0.039 | 10  | 35  | 0.43 | 389  |
| BRW101375 | 700 | 5.3  | 1.9  | 0.7 | 0.25 | 10.3 | 21  | 0.05 | 0.05 | 0.05 | 98  | 0.58 | 0.039 | 32  | 121 | 1.96 | 284  |
| BRW101385 | 621 | 4.72 | 4.7  | 0.5 | 1.7  | 4.7  | 31  | 0.05 | 0.2  | 0.05 | 95  | 0.61 | 0.074 | 15  | 53  | 1.13 | 618  |
| BRW101428 | 225 | 4.25 | 4    | 0.7 | 1.5  | 16.4 | 13  | 0.05 | 0.1  | 0.05 | 49  | 0.23 | 0.047 | 47  | 49  | 1.07 | 296  |
| BRW101430 | 457 | 4.6  | 8.7  | 1.3 | 5.8  | 15.8 | 22  | 0.1  | 0.3  | 0.1  | 93  | 0.71 | 0.028 | 40  | 60  | 0.85 | 530  |
| BRW101494 | 266 | 3.02 | 6.4  | 0.9 | 3.3  | 4.6  | 41  | 0.1  | 0.5  | 0.1  | 89  | 0.53 | 0.041 | 16  | 52  | 0.71 | 270  |
| BRW102601 | 473 | 3.96 | 5.7  | 1.1 | 0.8  | 6.8  | 73  | 0.05 | 0.2  | 0.05 | 140 | 2    | 0.084 | 22  | 68  | 1.64 | 347  |
| BRW102602 | 339 | 4.02 | 8.5  | 1.4 | 0.7  | 6.6  | 41  | 0.3  | 0.4  | 0.1  | 155 | 0.63 | 0.05  | 19  | 60  | 1.22 | 461  |
| BRW102603 | 388 | 3.81 | 8.8  | 1.1 | 0.25 | 5.9  | 28  | 0.1  | 0.5  | 0.1  | 145 | 0.52 | 0.071 | 18  | 59  | 0.86 | 395  |
| BRW102607 | 332 | 3.51 | 8.1  | 0.4 | 0.25 | 3.5  | 14  | 0.05 | 0.3  | 0.1  | 123 | 0.41 | 0.08  | 7   | 100 | 0.97 | 220  |
| BRW102609 | 340 | 3.55 | 18.1 | 1.7 | 0.6  | 10.7 | 18  | 0.05 | 0.05 | 0.05 | 156 | 0.42 | 0.097 | 28  | 59  | 1.26 | 773  |
| BRW102610 | 517 | 3.83 | 6.5  | 0.6 | 0.25 | 4.3  | 19  | 0.1  | 0.4  | 0.1  | 86  | 0.25 | 0.044 | 9   | 28  | 1.06 | 229  |
| BRW102611 | 790 | 4.41 | 3.1  | 0.3 | 0.25 | 1.1  | 122 | 0.05 | 0.2  | 0.05 | 149 | 1.39 | 0.046 | 5   | 41  | 1.9  | 175  |
| BRW102612 | 633 | 4.68 | 2.7  | 0.3 | 0.5  | 0.8  | 23  | 0.05 | 0.1  | 0.05 | 154 | 0.65 | 0.083 | 4   | 42  | 1.77 | 331  |
| BRW102623 | 339 | 3.66 | 5.1  | 0.5 | 0.5  | 7.3  | 37  | 0.05 | 0.2  | 0.05 | 103 | 1.02 | 0.228 | 25  | 29  | 1.39 | 278  |
| BRW102632 | 405 | 4.02 | 7.2  | 0.8 | 1.9  | 13.9 | 22  | 0.05 | 0.2  | 0.1  | 48  | 0.39 | 0.062 | 44  | 56  | 0.83 | 153  |
| BRW102633 | 395 | 3.46 | 13.9 | 1.3 | 2.5  | 43.1 | 16  | 0.2  | 0.5  | 0.2  | 38  | 0.52 | 0.068 | 155 | 26  | 0.23 | 183  |
| BRW102635 | 578 | 3.33 | 7.5  | 0.6 | 1.5  | 7.8  | 26  | 0.05 | 0.2  | 0.1  | 92  | 0.99 | 0.069 | 22  | 92  | 1.73 | 335  |
| BRW102751 | 505 | 5.44 | 2.9  | 0.7 | 1.1  | 11.3 | 10  | 0.2  | 0.05 | 0.05 | 100 | 0.32 | 0.077 | 27  | 40  | 0.76 | 319  |
| BRW102752 | 539 | 3.33 | 8.5  | 1.1 | 6.4  | 9.1  | 28  | 0.2  | 0.5  | 0.1  | 58  | 0.56 | 0.062 | 27  | 36  | 0.55 | 440  |
| BRW102753 | 572 | 4.74 | 5.8  | 0.9 | 3.5  | 10.8 | 19  | 0.1  | 0.1  | 0.05 | 77  | 0.55 | 0.114 | 25  | 101 | 1.38 | 393  |
| BRW102758 | 616 | 2.4  | 8.7  | 0.7 | 7.4  | 2.7  | 34  | 0.2  | 0.4  | 0.1  | 53  | 0.67 | 0.064 | 11  | 47  | 0.58 | 262  |
| BRW102759 | 416 | 2.58 | 7.6  | 0.9 | 16.5 | 3.9  | 39  | 0.3  | 0.6  | 0.1  | 54  | 0.8  | 0.069 | 14  | 34  | 0.59 | 291  |
| BRW102759 | 427 | 2.66 | 7.9  | 0.9 | 7.2  | 3.9  | 41  | 0.2  | 0.6  | 0.1  | 56  | 0.82 | 0.069 | 15  | 35  | 0.6  | 302  |
| BRW102760 | 489 | 5.04 | 2.9  | 0.7 | 2.4  | 14.5 | 40  | 0.2  | 0.1  | 0.05 | 129 | 0.69 | 0.068 | 43  | 156 | 2.04 | 755  |
| BRW102761 | 897 | 4.64 | 5.3  | 0.8 | 2.2  | 18.6 | 26  | 0.1  | 0.3  | 0.1  | 69  | 0.59 | 0.093 | 48  | 56  | 1.12 | 323  |
| BRW102763 | 376 | 4.38 | 5.8  | 1.1 | 3.4  | 25.6 | 21  | 0.05 | 0.2  | 0.05 | 58  | 0.41 | 0.045 | 97  | 53  | 1.09 | 397  |
| BRW102763 | 370 | 4.36 | 5.7  | 1.2 | 3.4  | 25.2 | 20  | 0.05 | 0.2  | 0.05 | 57  | 0.39 | 0.045 | 97  | 53  | 1.08 | 387  |
| BRW102764 | 369 | 2.67 | 7.9  | 1.2 | 2.6  | 8.1  | 40  | 0.05 | 0.4  | 0.1  | 58  | 0.7  | 0.054 | 36  | 36  | 0.62 | 354  |
| BRW102765 | 431 | 4.9  | 5.7  | 1   | 0.25 | 34.1 | 20  | 0.05 | 0.1  | 0.05 | 66  | 0.35 | 0.065 | 90  | 74  | 1.25 | 644  |
| BRW102784 | 40  | 1.86 | 32.8 | 1.3 | 19.3 | 8.2  | 11  | 0.05 | 1.9  | 0.2  | 24  | 0.03 | 0.022 | 20  | 14  | 0.05 | 88   |
| BRW102793 | 636 | 4.36 | 2.4  | 0.5 | 3.5  | 8.9  | 90  | 0.2  | 0.2  | 0.05 | 118 | 4.56 | 0.163 | 35  | 200 | 1.5  | 1164 |
| BRW102851 | 463 | 4.57 | 8.8  | 0.7 | 1.8  | 5.4  | 27  | 0.1  | 0.2  | 0.05 | 138 | 0.55 | 0.095 | 14  | 64  | 1.01 | 293  |
| BRW102852 | 322 | 3.46 | 6.4  | 0.7 | 1.3  | 3.9  | 33  | 0.05 | 0.3  | 0.1  | 100 | 0.51 | 0.059 | 13  | 40  | 0.77 | 297  |
| BRW102853 | 314 | 4.34 | 4.3  | 1.5 | 1    | 10.8 | 49  | 0.05 | 0.2  | 0.05 | 115 | 0.71 | 0.102 | 22  | 73  | 1.34 | 584  |
| BRW102857 | 515 | 4.89 | 8    | 0.9 | 1.4  | 4.7  | 70  | 0.05 | 0.1  | 0.05 | 161 | 0.78 | 0.09  | 14  | 65  | 1.52 | 643  |
| BRW102860 | 310 | 3.54 | 9.3  | 1.3 | 2.8  | 4.8  | 32  | 0.05 | 0.5  | 0.1  | 99  | 0.5  | 0.048 | 16  | 52  | 0.77 | 337  |
| BRW102890 | 455 | 2.83 | 9.7  | 0.7 | 4.6  | 3    | 45  | 0.3  | 0.6  | 0.1  | 65  | 0.97 | 0.09  | 12  | 30  | 0.68 | 271  |
| BRW102891 | 425 | 2.68 | 8.6  | 0.8 | 2.3  | 3.4  | 41  | 0.4  | 0.6  | 0.1  | 67  | 0.8  | 0.068 | 12  | 33  | 0.66 | 288  |
| BRW102895 | 496 | 2.77 | 10.4 | 0.6 | 2    | 3.1  | 65  | 0.4  | 0.8  | 0.2  | 64  | 1.77 | 0.083 | 12  | 33  | 0.91 | 342  |
| BRW102927 | 637 | 6.06 | 3.2  | 0.7 | 2.2  | 9.5  | 22  | 0.2  | 0.2  | 0.05 | 135 | 0.52 | 0.045 | 34  | 103 | 1.51 | 596  |
| BRW102929 | 300 | 2.88 | 10.3 | 0.9 | 5.9  | 4.8  | 35  | 0.05 | 0.5  | 0.1  | 69  | 0.44 | 0.048 | 15  | 34  | 0.49 | 358  |
| BRW102929 | 287 | 2.79 | 9.7  | 0.9 | 5    | 4.6  | 34  | 0.1  | 0.5  | 0.2  | 69  | 0.44 | 0.044 | 14  | 33  | 0.48 | 348  |
| BRW102930 | 422 | 2.97 | 9.7  | 1.2 | 4.9  | 5.8  | 34  | 0.05 | 0.6  | 0.2  | 69  | 0.45 | 0.06  | 18  | 37  | 0.53 | 502  |
| BRW102932 | 898 | 5.46 | 7.1  | 1.3 | 6    | 20.4 | 20  | 0.2  | 0.4  | 0.1  | 83  | 0.43 | 0.111 | 51  | 54  | 0.59 | 431  |
| BRW102933 | 435 | 3.23 | 18.5 | 1.1 | 6.6  | 8.2  | 29  | 0.05 | 0.7  | 0.2  | 63  | 0.33 | 0.035 | 21  | 37  | 0.43 | 297  |
| BRW102938 | 396 | 3.84 | 5.1  | 1.4 | 2.5  | 19.5 | 15  | 0.05 | 0.3  | 0.05 | 36  | 0.15 | 0.024 | 39  | 24  | 0.13 | 165  |
| BRW102963 | 329 | 2.79 | 6.8  | 1.1 | 10.6 | 8.5  | 23  | 0.05 | 1.2  | 0.2  | 51  | 0.19 | 0.019 | 20  | 31  | 0.42 | 229  |
| BRW102963 | 331 | 2.8  | 6.9  | 1.1 | 14.2 | 8.6  | 24  | 0.1  | 1.2  | 0.2  | 52  | 0.2  | 0.018 | 20  | 31  | 0.42 | 224  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW101332 | 0.076 | 1   | 1.42 | 0.024 | 0.06 | 0.2  | 0.04  | 3.4  | 0.05 | 0.07  | 4  | 0.5  | 1DX15  | WHI10000122 |
| BRW101332 | 0.074 | 2   | 1.46 | 0.023 | 0.06 | 0.2  | 0.03  | 3.4  | 0.05 | 0.05  | 4  | 0.7  | 1DX15  | WHI10000122 |
| BRW101333 | 0.08  | 0.5 | 1.44 | 0.021 | 0.08 | 0.1  | 0.04  | 4    | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000122 |
| BRW101334 | 0.103 | 1   | 1.78 | 0.014 | 0.3  | 0.1  | 0.02  | 3.5  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW101335 | 0.104 | 0.5 | 1.68 | 0.015 | 0.18 | 0.05 | 0.03  | 3.7  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW101336 | 0.087 | 0.5 | 1.53 | 0.017 | 0.1  | 0.1  | 0.03  | 3.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW101338 | 0.12  | 1   | 1.92 | 0.013 | 0.48 | 0.05 | 0.02  | 7.3  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW101341 | 0.087 | 2   | 1.55 | 0.03  | 0.07 | 0.2  | 0.03  | 4.1  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000122 |
| BRW101343 | 0.1   | 2   | 1.95 | 0.023 | 0.1  | 0.1  | 0.04  | 5.4  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW101347 | 0.087 | 1   | 1.52 | 0.026 | 0.07 | 0.2  | 0.03  | 3.5  | 0.05 | 0.025 | 4  | 1.1  | 1DX15  | WHI10000122 |
| BRW101353 | 0.102 | 2   | 1.59 | 0.024 | 0.25 | 0.1  | 0.03  | 4.9  | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000122 |
| BRW101356 | 0.157 | 1   | 1.95 | 0.011 | 0.38 | 0.05 | 0.01  | 3.9  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW101357 | 0.16  | 0.5 | 2.5  | 0.014 | 0.73 | 0.05 | 0.04  | 9.5  | 0.3  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000122 |
| BRW101358 | 0.179 | 2   | 2.38 | 0.014 | 0.5  | 0.1  | 0.02  | 6.1  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW101365 | 0.053 | 3   | 1.64 | 0.007 | 0.09 | 0.1  | 0.01  | 2.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW101375 | 0.141 | 0.5 | 3.06 | 0.013 | 0.95 | 0.05 | 0.005 | 11.4 | 0.3  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW101385 | 0.142 | 1   | 2.19 | 0.012 | 0.54 | 0.05 | 0.01  | 7.2  | 0.2  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000122 |
| BRW101428 | 0.157 | 0.5 | 2.49 | 0.007 | 1.06 | 0.05 | 0.005 | 3    | 0.6  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW101430 | 0.161 | 1   | 2.52 | 0.011 | 0.6  | 0.1  | 0.02  | 4.4  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW101494 | 0.143 | 2   | 2.3  | 0.027 | 0.07 | 0.05 | 0.02  | 6.1  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW102601 | 0.138 | 1   | 2.69 | 0.024 | 0.31 | 0.05 | 0.02  | 7.1  | 0.1  | 0.025 | 10 | 0.9  | 1DX15  | WHI10000122 |
| BRW102602 | 0.174 | 1   | 2.55 | 0.018 | 0.29 | 0.05 | 0.02  | 7.6  | 0.1  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000122 |
| BRW102603 | 0.128 | 1   | 2.03 | 0.02  | 0.24 | 0.1  | 0.03  | 7    | 0.05 | 0.025 | 7  | 0.6  | 1DX15  | WHI10000122 |
| BRW102607 | 0.175 | 0.5 | 2.32 | 0.035 | 0.15 | 0.1  | 0.005 | 4.2  | 0.05 | 0.025 | 7  | 0.6  | 1DX15  | WHI10000122 |
| BRW102609 | 0.145 | 2   | 2.08 | 0.008 | 0.56 | 0.05 | 0.005 | 7.2  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW102610 | 0.059 | 0.5 | 2.29 | 0.011 | 0.07 | 0.05 | 0.01  | 5.4  | 0.05 | 0.025 | 9  | 0.9  | 1DX15  | WHI10000122 |
| BRW102611 | 0.202 | 2   | 3.41 | 0.02  | 0.05 | 0.05 | 0.005 | 10   | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW102612 | 0.197 | 1   | 2.62 | 0.038 | 0.56 | 0.05 | 0.005 | 6.7  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW102623 | 0.16  | 0.5 | 2.25 | 0.046 | 0.18 | 0.05 | 0.01  | 5.4  | 0.05 | 0.025 | 7  | 0.6  | 1DX15  | WHI10000122 |
| BRW102632 | 0.077 | 1   | 1.86 | 0.006 | 0.65 | 0.05 | 0.005 | 4.6  | 0.7  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW102633 | 0.013 | 2   | 1.7  | 0.007 | 0.1  | 0.1  | 0.02  | 7.7  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW102635 | 0.066 | 0.5 | 2.47 | 0.017 | 0.13 | 0.05 | 0.02  | 6.3  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW102751 | 0.13  | 0.5 | 1.7  | 0.006 | 0.95 | 0.05 | 0.01  | 7.8  | 0.7  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW102752 | 0.083 | 2   | 1.73 | 0.018 | 0.17 | 0.1  | 0.05  | 5.9  | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000122 |
| BRW102753 | 0.136 | 1   | 2.32 | 0.011 | 0.84 | 0.05 | 0.005 | 5.7  | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW102758 | 0.063 | 2   | 1.45 | 0.02  | 0.05 | 0.2  | 0.04  | 3.6  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000122 |
| BRW102759 | 0.065 | 2   | 1.42 | 0.02  | 0.07 | 0.2  | 0.03  | 3.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW102759 | 0.069 | 2   | 1.44 | 0.022 | 0.07 | 0.3  | 0.03  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW102760 | 0.162 | 1   | 3.28 | 0.048 | 1    | 0.05 | 0.01  | 7.1  | 0.3  | 0.025 | 11 | 0.7  | 1DX15  | WHI10000122 |
| BRW102761 | 0.124 | 3   | 1.9  | 0.02  | 0.72 | 0.1  | 0.04  | 7    | 0.5  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000122 |
| BRW102763 | 0.048 | 1   | 2.05 | 0.012 | 0.3  | 0.05 | 0.02  | 3.7  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW102763 | 0.047 | 0.5 | 2.04 | 0.012 | 0.3  | 0.05 | 0.02  | 3.6  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW102764 | 0.077 | 1   | 1.58 | 0.023 | 0.13 | 0.1  | 0.03  | 3.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW102765 | 0.153 | 0.5 | 2.51 | 0.017 | 0.71 | 0.05 | 0.02  | 7.5  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW102784 | 0.004 | 1   | 0.41 | 0.002 | 0.07 | 0.1  | 0.07  | 2    | 0.05 | 0.025 | 1  | 1.1  | 1DX15  | WHI10000122 |
| BRW102793 | 0.124 | 3   | 2.26 | 0.014 | 0.53 | 0.05 | 0.01  | 8    | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW102851 | 0.065 | 2   | 1.94 | 0.02  | 0.13 | 0.05 | 0.02  | 10.2 | 0.05 | 0.025 | 10 | 0.8  | 1DX15  | WHI10000122 |
| BRW102852 | 0.148 | 2   | 2.01 | 0.028 | 0.16 | 0.1  | 0.02  | 6.3  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW102853 | 0.192 | 1   | 2.63 | 0.016 | 0.47 | 0.1  | 0.005 | 5.9  | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW102857 | 0.139 | 1   | 2.67 | 0.036 | 0.35 | 0.05 | 0.01  | 9.8  | 0.1  | 0.025 | 11 | 0.6  | 1DX15  | WHI10000122 |
| BRW102860 | 0.157 | 2   | 2.2  | 0.027 | 0.11 | 0.05 | 0.02  | 6.7  | 0.05 | 0.025 | 7  | 0.5  | 1DX15  | WHI10000122 |
| BRW102890 | 0.082 | 3   | 1.52 | 0.034 | 0.07 | 0.2  | 0.03  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW102891 | 0.08  | 2   | 1.7  | 0.027 | 0.07 | 0.1  | 0.04  | 3.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW102895 | 0.085 | 4   | 1.48 | 0.048 | 0.1  | 0.1  | 0.03  | 3.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW102927 | 0.144 | 1   | 3.05 | 0.016 | 0.77 | 0.05 | 0.03  | 12.9 | 0.3  | 0.025 | 11 | 0.9  | 1DX15  | WHI10000122 |
| BRW102929 | 0.077 | 2   | 1.5  | 0.02  | 0.07 | 0.2  | 0.02  | 4    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW102929 | 0.075 | 1   | 1.48 | 0.018 | 0.06 | 0.2  | 0.03  | 3.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW102930 | 0.076 | 1   | 1.65 | 0.024 | 0.06 | 0.2  | 0.03  | 5    | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000122 |
| BRW102932 | 0.078 | 2   | 1.76 | 0.008 | 0.51 | 0.05 | 0.02  | 8.3  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW102933 | 0.068 | 1   | 1.51 | 0.013 | 0.09 | 0.1  | 0.03  | 5.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW102938 | 0.004 | 2   | 0.77 | 0.004 | 0.11 | 0.05 | 0.03  | 5.3  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000122 |
| BRW102963 | 0.064 | 1   | 1.52 | 0.009 | 0.26 | 0.1  | 0.09  | 6.3  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW102963 | 0.064 | 1   | 1.49 | 0.009 | 0.25 | 0.05 | 0.1   | 6.3  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000122 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|-------|------|
| BRW102966 | Soil | 599395     | 7006344    | 07V      | 1.7 | 37.8  | 22.9 | 200 | 0.05 | 25.9  | 9.4  |
| BRW102967 | Soil | 599436     | 7006374    | 07V      | 2.2 | 41.6  | 13.9 | 93  | 0.05 | 35    | 8.3  |
| BRW102969 | Soil | 599516     | 7006435    | 07V      | 2.1 | 40.3  | 11.1 | 99  | 0.05 | 17.8  | 7.9  |
| BRW102970 | Soil | 599555     | 7006468    | 07V      | 1.9 | 48.6  | 28.4 | 88  | 0.05 | 32.5  | 13.1 |
| BRW102992 | Soil | 599817     | 7005401    | 07V      | 0.8 | 34.2  | 8.5  | 59  | 0.1  | 28.6  | 12.2 |
| BRW102998 | Soil | 600051     | 7005586    | 07V      | 1.9 | 80.2  | 25.6 | 193 | 0.3  | 59.3  | 17.7 |
| BRW103501 | Soil | 595182     | 7005585    | 07V      | 0.6 | 96.7  | 3.9  | 107 | 0.1  | 42.7  | 29.7 |
| BRW103502 | Soil | 595220     | 7005614    | 07V      | 1.8 | 68.3  | 5.8  | 114 | 0.05 | 47.4  | 26.7 |
| BRW103504 | Soil | 595297     | 7005676    | 07V      | 1   | 65.9  | 3.4  | 93  | 0.05 | 12.7  | 24.3 |
| BRW103505 | Soil | 595336     | 7005707    | 07V      | 0.5 | 39.6  | 3.5  | 109 | 0.05 | 7.8   | 15.1 |
| BRW103505 | REP  | 595336     | 7005707    | 07V      | 0.5 | 40.4  | 3.6  | 113 | 0.05 | 8.1   | 14.9 |
| BRW103506 | Soil | 595377     | 7005739    | 07V      | 0.6 | 44.4  | 3.7  | 41  | 0.05 | 17.3  | 14.4 |
| BRW103509 | Soil | 595495     | 7005832    | 07V      | 0.6 | 60.8  | 5.4  | 69  | 0.05 | 17.8  | 15.5 |
| BRW103512 | Soil | 595574     | 7005895    | 07V      | 4.7 | 74.8  | 13.8 | 49  | 0.05 | 36    | 15.1 |
| BRW103538 | Soil | 596814     | 7006483    | 07V      | 0.8 | 39.9  | 8.8  | 120 | 0.05 | 15.9  | 20   |
| BRW103541 | Soil | 596736     | 7006421    | 07V      | 0.8 | 43.6  | 8.8  | 116 | 0.05 | 64.3  | 24.1 |
| BRW103542 | Soil | 596696     | 7006390    | 07V      | 1.3 | 55.2  | 13.4 | 99  | 0.05 | 54.3  | 19.6 |
| BRW103543 | Soil | 596656     | 7006358    | 07V      | 1.7 | 44.2  | 11.6 | 89  | 0.05 | 31    | 14   |
| BRW103544 | Soil | 596616     | 7006328    | 07V      | 2.6 | 63.4  | 10.8 | 109 | 0.05 | 98.1  | 23.3 |
| BRW103545 | Soil | 596578     | 7006297    | 07V      | 1   | 57.4  | 5.8  | 75  | 0.05 | 29.1  | 21.3 |
| BRW103547 | Soil | 596499     | 7006237    | 07V      | 1.8 | 20    | 9.3  | 58  | 0.05 | 26.4  | 11.3 |
| BRW103549 | Soil | 596422     | 7006172    | 07V      | 2.3 | 42.2  | 11.1 | 78  | 0.1  | 38.4  | 16.3 |
| BRW103552 | Soil | 596302     | 7006081    | 07V      | 0.6 | 58.3  | 13.6 | 72  | 0.05 | 39.8  | 16.2 |
| BRW103553 | Soil | 596263     | 7006052    | 07V      | 1.5 | 91.8  | 15.2 | 107 | 0.05 | 57.7  | 17.4 |
| BRW103555 | Soil | 596182     | 7005989    | 07V      | 1.2 | 33.4  | 10.9 | 66  | 0.05 | 31.5  | 11.4 |
| BRW103556 | Soil | 596145     | 7005958    | 07V      | 0.6 | 60.2  | 28   | 111 | 0.05 | 65.6  | 21.1 |
| BRW103568 | Soil | 597384     | 7005914    | 07V      | 0.4 | 153.7 | 6.6  | 54  | 0.05 | 176.1 | 29.6 |
| BRW103569 | Soil | 597347     | 7005886    | 07V      | 0.6 | 23    | 3.2  | 88  | 0.05 | 21.7  | 13.4 |
| BRW103570 | Soil | 597308     | 7005852    | 07V      | 6.5 | 51    | 6.5  | 126 | 0.05 | 35.7  | 25   |
| BRW103572 | Soil | 597271     | 7005824    | 07V      | 21  | 56    | 32.6 | 82  | 0.2  | 46.7  | 19.1 |
| BRW103577 | Soil | 597072     | 7005669    | 07V      | 1.6 | 63.1  | 2.5  | 100 | 0.05 | 32.1  | 21.9 |
| BRW103577 | REP  | 597072     | 7005669    | 07V      | 1.3 | 65.4  | 2.7  | 106 | 0.05 | 34.1  | 23   |
| BRW103578 | Soil | 597031     | 7005639    | 07V      | 1.3 | 22    | 10.5 | 177 | 0.05 | 11.6  | 18.9 |
| BRW103585 | Soil | 596873     | 7005114    | 07V      | 3.6 | 56.7  | 16.4 | 142 | 0.05 | 50.3  | 19.2 |
| BRW103586 | Soil | 596833     | 7005485    | 07V      | 2.1 | 37.1  | 9.9  | 60  | 0.05 | 33.3  | 12.4 |
| BRW103588 | Soil | 596756     | 7005424    | 07V      | 0.8 | 31.8  | 8.2  | 60  | 0.05 | 26.4  | 11.1 |
| BRW103743 | Soil | 597105     | 7006841    | 07V      | 1   | 28.4  | 10.6 | 60  | 0.05 | 28.1  | 11.8 |
| BRW103754 | Soil | 596840     | 7005233    | 07V      | 0.9 | 17.5  | 7.9  | 54  | 0.05 | 17    | 12.2 |
| BRW103755 | Soil | 596878     | 7005264    | 07V      | 0.9 | 26.4  | 7.9  | 64  | 0.05 | 27.3  | 14.9 |
| BRW103757 | Soil | 596958     | 7005326    | 07V      | 0.8 | 30.6  | 8.8  | 68  | 0.05 | 24.7  | 11.7 |
| BRW103761 | Soil | 597117     | 7005447    | 07V      | 0.9 | 39.4  | 8.9  | 71  | 0.1  | 29.8  | 12.1 |
| BRW103763 | Soil | 597196     | 7005511    | 07V      | 1   | 36.2  | 9.5  | 74  | 0.1  | 27.6  | 12.1 |
| BRW103765 | Soil | 597277     | 7005571    | 07V      | 1.1 | 26.3  | 9.4  | 57  | 0.05 | 22.2  | 11.1 |
| BRW103765 | REP  | 597277     | 7005571    | 07V      | 1   | 27    | 9.1  | 53  | 0.05 | 22    | 11.1 |
| BRW103767 | Soil | 597433     | 7005695    | 07V      | 0.9 | 24.4  | 6.9  | 59  | 0.05 | 24.4  | 11.2 |
| BRW103768 | Soil | 597473     | 7005725    | 07V      | 1.2 | 13.9  | 6.5  | 57  | 0.05 | 18.3  | 12.7 |
| BRW103769 | Soil | 597508     | 7005766    | 07V      | 1.6 | 62.4  | 6.5  | 98  | 0.2  | 27.6  | 17   |
| BRW103770 | Soil | 597540     | 7005799    | 07V      | 1.9 | 52.3  | 8.5  | 79  | 0.2  | 44.2  | 26.3 |
| BRW103784 | Soil | 595902     | 7006025    | 07V      | 0.9 | 32.9  | 15.8 | 95  | 0.05 | 45.4  | 19   |
| BRW103785 | Soil | 595942     | 7006055    | 07V      | 0.9 | 47.9  | 15.8 | 65  | 0.05 | 43.6  | 17.7 |
| BRW103786 | Soil | 595983     | 7006087    | 07V      | 2.9 | 65.3  | 20.3 | 268 | 0.05 | 57.8  | 11.1 |
| BRW103787 | Soil | 595613     | 7005668    | 07V      | 1.2 | 14.6  | 11   | 41  | 0.05 | 8.3   | 8.1  |
| BRW103788 | Soil | 595573     | 7005637    | 07V      | 0.3 | 55.4  | 2.9  | 106 | 0.05 | 17.2  | 19.5 |
| BRW103789 | Soil | 595534     | 7005609    | 07V      | 0.5 | 27.8  | 3.6  | 86  | 0.05 | 32.1  | 26.7 |
| BRW103790 | Soil | 595494     | 7005577    | 07V      | 0.9 | 24.8  | 3.8  | 138 | 0.05 | 10.8  | 16.7 |
| BRW103791 | Soil | 595455     | 7005548    | 07V      | 1.5 | 65.2  | 4.8  | 94  | 0.05 | 12.1  | 17.4 |
| BRW103792 | Soil | 595418     | 7005515    | 07V      | 1.2 | 72.2  | 9    | 140 | 0.05 | 54.9  | 24.4 |
| BRW103794 | Soil | 595338     | 7005453    | 07V      | 0.7 | 58.6  | 5.3  | 61  | 0.05 | 27.5  | 18.8 |
| BRW103795 | Soil | 595297     | 7005424    | 07V      | 0.4 | 168.3 | 3.3  | 77  | 0.1  | 32.2  | 27.4 |
| BRW103796 | Soil | 595650     | 7005700    | 07V      | 0.4 | 32.9  | 2.3  | 98  | 0.05 | 9     | 24.6 |
| BRW103801 | Soil | 596216     | 7005382    | 07V      | 0.8 | 71.1  | 7.3  | 59  | 0.1  | 28.1  | 14.8 |
| BRW103803 | Soil | 596295     | 7005443    | 07V      | 0.7 | 51.2  | 10.6 | 72  | 0.05 | 40.7  | 22.9 |
| BRW103805 | Soil | 596373     | 7005506    | 07V      | 0.8 | 31.9  | 3.7  | 80  | 0.05 | 14.5  | 18.9 |

| SampleID  | Mn   | Fe   | As_   | U   | Au    | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|-------|------|-----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW102966 | 326  | 3.26 | 12.8  | 1.6 | 3     | 7    | 17  | 0.2  | 1.1  | 0.2  | 61  | 0.15 | 0.027 | 17 | 34  | 0.42 | 294 |
| BRW102967 | 297  | 3.07 | 5.6   | 4.5 | 3.1   | 14   | 16  | 0.2  | 0.7  | 0.6  | 39  | 0.13 | 0.051 | 37 | 20  | 0.22 | 198 |
| BRW102969 | 340  | 3.66 | 11.1  | 4.7 | 4.6   | 11.8 | 17  | 0.1  | 0.7  | 0.2  | 30  | 0.14 | 0.032 | 29 | 17  | 0.22 | 229 |
| BRW102970 | 399  | 3.94 | 32.6  | 3.6 | 7.7   | 9.2  | 24  | 0.1  | 1.5  | 0.3  | 47  | 0.22 | 0.032 | 23 | 33  | 0.38 | 313 |
| BRW102992 | 445  | 2.74 | 9     | 0.7 | 3.2   | 3.3  | 40  | 0.2  | 0.9  | 0.2  | 53  | 0.74 | 0.046 | 13 | 30  | 0.51 | 303 |
| BRW102998 | 518  | 5.24 | 9.3   | 2.3 | 11.8  | 22.9 | 22  | 0.3  | 0.6  | 0.8  | 74  | 0.6  | 0.12  | 81 | 42  | 0.63 | 464 |
| BRW103501 | 833  | 5.35 | 3.3   | 0.4 | 3     | 3.1  | 88  | 0.05 | 0.3  | 0.05 | 144 | 1.5  | 0.107 | 9  | 72  | 2.61 | 310 |
| BRW103502 | 836  | 5.2  | 5.9   | 0.8 | 5.1   | 7.7  | 33  | 0.1  | 0.2  | 0.05 | 143 | 0.92 | 0.102 | 24 | 85  | 1.45 | 594 |
| BRW103504 | 1099 | 5.18 | 2.1   | 0.4 | 1.7   | 1.7  | 30  | 0.05 | 0.1  | 0.05 | 119 | 0.78 | 0.068 | 10 | 27  | 1.4  | 465 |
| BRW103505 | 759  | 5.51 | 3.2   | 0.4 | 1.6   | 1.6  | 54  | 0.05 | 0.1  | 0.05 | 77  | 1.13 | 0.297 | 8  | 12  | 1.27 | 396 |
| BRW103505 | 764  | 5.52 | 3.3   | 0.5 | 0.9   | 1.6  | 56  | 0.05 | 0.2  | 0.05 | 80  | 1.14 | 0.296 | 8  | 13  | 1.29 | 399 |
| BRW103506 | 377  | 2.92 | 4.1   | 0.2 | 0.8   | 0.8  | 32  | 0.05 | 0.2  | 0.05 | 100 | 0.58 | 0.032 | 2  | 33  | 1.08 | 208 |
| BRW103509 | 803  | 3.61 | 5.5   | 1.2 | 2.3   | 6.9  | 40  | 0.05 | 0.3  | 0.05 | 75  | 0.71 | 0.07  | 33 | 28  | 0.86 | 365 |
| BRW103512 | 406  | 2.49 | 20.6  | 0.4 | 3     | 1.9  | 28  | 0.2  | 0.4  | 0.05 | 42  | 0.54 | 0.091 | 6  | 51  | 0.55 | 184 |
| BRW103538 | 938  | 6.63 | 3.1   | 1.2 | 3.8   | 9.5  | 15  | 0.05 | 0.2  | 0.05 | 125 | 0.43 | 0.115 | 25 | 27  | 1.74 | 324 |
| BRW103541 | 548  | 4.89 | 1.9   | 0.7 | 0.25  | 17   | 29  | 0.05 | 0.1  | 0.05 | 102 | 0.47 | 0.098 | 70 | 70  | 1.25 | 702 |
| BRW103542 | 615  | 5.05 | 3.4   | 0.7 | 3.2   | 31.3 | 12  | 0.05 | 0.1  | 0.05 | 70  | 0.27 | 0.04  | 69 | 61  | 1.3  | 487 |
| BRW103543 | 289  | 4.35 | 8.4   | 0.7 | 0.25  | 10.5 | 20  | 0.05 | 0.4  | 0.1  | 101 | 0.39 | 0.116 | 37 | 45  | 0.81 | 275 |
| BRW103544 | 1213 | 4.89 | 5.9   | 0.7 | 1.5   | 16.5 | 16  | 0.2  | 0.1  | 0.05 | 74  | 0.84 | 0.137 | 44 | 145 | 0.86 | 531 |
| BRW103545 | 734  | 3.91 | 4.7   | 0.6 | 1.2   | 5.4  | 71  | 0.05 | 0.2  | 0.05 | 80  | 4.06 | 0.071 | 20 | 86  | 1.42 | 756 |
| BRW103547 | 288  | 3.56 | 10.1  | 0.5 | 2.2   | 4.8  | 18  | 0.1  | 0.4  | 0.1  | 73  | 0.25 | 0.044 | 15 | 43  | 0.58 | 222 |
| BRW103549 | 498  | 4.06 | 17.4  | 0.9 | 3.2   | 8.2  | 21  | 0.2  | 0.4  | 0.05 | 66  | 0.46 | 0.053 | 28 | 51  | 0.54 | 384 |
| BRW103552 | 593  | 3.7  | 2.7   | 1.2 | 1.6   | 21.1 | 19  | 0.05 | 0.1  | 0.05 | 41  | 0.45 | 0.126 | 44 | 38  | 0.89 | 411 |
| BRW103553 | 844  | 4.8  | 5.3   | 1.6 | 3.5   | 12.2 | 21  | 0.05 | 0.3  | 0.05 | 60  | 0.39 | 0.059 | 33 | 47  | 0.7  | 640 |
| BRW103555 | 277  | 3.1  | 11.8  | 0.9 | 3.3   | 5.9  | 19  | 0.05 | 0.5  | 0.1  | 66  | 0.19 | 0.017 | 15 | 42  | 0.5  | 219 |
| BRW103556 | 984  | 4.94 | 17.4  | 1.4 | 4.4   | 15.8 | 18  | 0.05 | 0.4  | 0.05 | 37  | 0.3  | 0.035 | 50 | 42  | 0.35 | 195 |
| BRW103568 | 442  | 3.12 | 1.1   | 0.3 | 1.5   | 6.7  | 28  | 0.05 | 0.05 | 0.05 | 97  | 0.82 | 0.234 | 18 | 475 | 2.23 | 503 |
| BRW103569 | 472  | 3.29 | 2.2   | 0.5 | 2.3   | 1.1  | 25  | 0.05 | 0.1  | 0.05 | 75  | 0.89 | 0.194 | 9  | 99  | 1.4  | 292 |
| BRW103570 | 770  | 4.52 | 2.2   | 0.5 | 1.8   | 1.4  | 28  | 0.1  | 0.1  | 0.05 | 98  | 2.11 | 0.196 | 11 | 117 | 1.84 | 548 |
| BRW103572 | 1054 | 3.34 | 273.9 | 0.9 | 103.8 | 12.6 | 37  | 0.2  | 5.5  | 0.05 | 25  | 0.39 | 0.048 | 30 | 18  | 0.15 | 216 |
| BRW103577 | 405  | 4.25 | 1.7   | 0.4 | 0.25  | 1.9  | 16  | 0.05 | 0.1  | 0.05 | 86  | 0.53 | 0.112 | 11 | 51  | 1.52 | 375 |
| BRW103577 | 430  | 4.41 | 1.6   | 0.5 | 1.7   | 1.9  | 17  | 0.05 | 0.1  | 0.05 | 93  | 0.52 | 0.11  | 11 | 55  | 1.66 | 406 |
| BRW103578 | 663  | 6    | 2     | 0.6 | 0.9   | 6.5  | 20  | 0.2  | 0.2  | 0.05 | 136 | 0.47 | 0.073 | 18 | 8   | 1.37 | 579 |
| BRW103585 | 633  | 4.97 | 3.8   | 1   | 3.3   | 13.8 | 18  | 0.2  | 0.2  | 0.05 | 79  | 0.3  | 0.042 | 32 | 46  | 0.6  | 301 |
| BRW103586 | 523  | 3.49 | 3.3   | 0.9 | 4.7   | 21.9 | 17  | 0.05 | 0.4  | 0.05 | 29  | 0.21 | 0.027 | 44 | 34  | 0.34 | 178 |
| BRW103588 | 421  | 2.62 | 10    | 1.1 | 2.7   | 3.5  | 44  | 0.2  | 0.6  | 0.1  | 58  | 0.91 | 0.073 | 14 | 30  | 0.61 | 292 |
| BRW103743 | 312  | 3.33 | 11.1  | 0.8 | 4.3   | 5.7  | 20  | 0.05 | 1.1  | 0.2  | 69  | 0.21 | 0.026 | 16 | 44  | 0.59 | 311 |
| BRW103754 | 422  | 2.67 | 8.4   | 0.7 | 6.2   | 3.6  | 37  | 0.05 | 0.4  | 0.1  | 70  | 0.64 | 0.075 | 12 | 33  | 0.63 | 203 |
| BRW103755 | 494  | 2.98 | 11    | 0.7 | 2     | 3.9  | 39  | 0.2  | 0.5  | 0.1  | 70  | 0.78 | 0.088 | 12 | 37  | 0.74 | 249 |
| BRW103757 | 427  | 2.65 | 8.5   | 1   | 5.2   | 4.4  | 41  | 0.2  | 0.6  | 0.1  | 67  | 0.7  | 0.068 | 16 | 33  | 0.61 | 289 |
| BRW103761 | 511  | 2.7  | 9.9   | 0.9 | 2.3   | 3.7  | 60  | 0.3  | 0.7  | 0.1  | 69  | 1.34 | 0.082 | 14 | 32  | 0.75 | 277 |
| BRW103763 | 500  | 2.78 | 9.6   | 1   | 4.4   | 3.2  | 57  | 0.3  | 0.7  | 0.2  | 67  | 1.05 | 0.07  | 13 | 32  | 0.63 | 331 |
| BRW103765 | 395  | 2.43 | 8.7   | 1   | 3.2   | 3.3  | 40  | 0.2  | 0.5  | 0.2  | 66  | 0.66 | 0.061 | 13 | 29  | 0.55 | 287 |
| BRW103765 | 384  | 2.42 | 9     | 1   | 2.3   | 3.4  | 39  | 0.2  | 0.6  | 0.2  | 68  | 0.68 | 0.063 | 13 | 29  | 0.54 | 276 |
| BRW103767 | 338  | 2.7  | 8     | 0.8 | 5     | 4    | 39  | 0.3  | 0.4  | 0.1  | 62  | 0.67 | 0.085 | 14 | 32  | 0.56 | 219 |
| BRW103768 | 671  | 2.26 | 6.1   | 0.5 | 10    | 3.8  | 25  | 0.1  | 0.3  | 0.05 | 62  | 0.45 | 0.077 | 13 | 30  | 0.54 | 207 |
| BRW103769 | 376  | 4.24 | 3     | 1.9 | 2.2   | 1.8  | 95  | 0.05 | 0.2  | 0.05 | 84  | 1.02 | 0.133 | 13 | 32  | 1.43 | 440 |
| BRW103770 | 441  | 4.48 | 5.8   | 0.9 | 1.7   | 4.6  | 28  | 0.05 | 0.3  | 0.1  | 103 | 0.46 | 0.054 | 14 | 71  | 1.31 | 337 |
| BRW103784 | 764  | 4.51 | 6.4   | 0.9 | 3.8   | 16.2 | 16  | 0.2  | 0.1  | 0.05 | 24  | 0.15 | 0.016 | 21 | 22  | 0.12 | 189 |
| BRW103785 | 538  | 4.54 | 4.3   | 0.8 | 0.9   | 21.4 | 24  | 0.05 | 0.2  | 0.05 | 28  | 0.36 | 0.03  | 27 | 27  | 0.22 | 161 |
| BRW103786 | 596  | 4.09 | 4.7   | 1.5 | 2.7   | 10.4 | 16  | 0.4  | 0.1  | 0.3  | 85  | 0.48 | 0.145 | 34 | 55  | 0.96 | 339 |
| BRW103787 | 707  | 2.28 | 5.7   | 0.2 | 0.6   | 1.1  | 15  | 0.05 | 0.3  | 0.1  | 58  | 0.18 | 0.048 | 5  | 17  | 0.38 | 209 |
| BRW103788 | 845  | 4.88 | 2     | 0.3 | 1.9   | 1.3  | 88  | 0.05 | 0.5  | 0.05 | 148 | 1.11 | 0.069 | 8  | 39  | 1.52 | 241 |
| BRW103789 | 642  | 6.24 | 14    | 0.5 | 1.7   | 2    | 56  | 0.05 | 0.05 | 0.05 | 113 | 1.22 | 0.193 | 26 | 35  | 2.49 | 512 |
| BRW103790 | 778  | 6.2  | 4.5   | 0.4 | 0.25  | 1.4  | 29  | 0.05 | 0.2  | 0.05 | 84  | 0.74 | 0.198 | 5  | 23  | 1.28 | 661 |
| BRW103791 | 560  | 4.83 | 2.7   | 0.5 | 0.7   | 1.5  | 32  | 0.05 | 0.1  | 0.05 | 123 | 0.52 | 0.07  | 6  | 16  | 1.08 | 323 |
| BRW103792 | 772  | 5.38 | 8     | 1.3 | 1.3   | 16.2 | 46  | 0.05 | 0.2  | 0.05 | 110 | 0.81 | 0.095 | 38 | 109 | 1.63 | 474 |
| BRW103794 | 420  | 3.42 | 5.8   | 0.5 | 1     | 2.2  | 37  | 0.05 | 0.2  | 0.05 | 78  | 0.71 | 0.041 | 7  | 44  | 1.52 | 206 |
| BRW103795 | 638  | 4.71 | 2.7   | 0.2 | 0.25  | 1.2  | 100 | 0.05 | 0.05 | 0.05 | 125 | 1.86 | 0.113 | 3  | 48  | 2.05 | 322 |
| BRW103796 | 675  | 5.66 | 2.4   | 0.2 | 0.25  | 2.2  | 256 | 0.05 | 0.1  | 0.05 | 124 | 0.62 | 0.081 | 8  | 14  | 1.88 | 990 |
| BRW103801 | 638  | 3.27 | 9.7   | 0.5 | 3.7   | 3.1  | 40  | 0.05 | 0.6  | 0.1  | 73  | 0.81 | 0.08  | 13 | 28  | 0.75 | 325 |
| BRW103803 | 638  | 4.09 | 2.9   | 0.5 | 2.5   | 4    | 48  | 0.05 | 0.2  | 0.05 | 99  | 2.31 | 0.051 | 11 | 133 | 2.28 | 239 |
| BRW103805 | 432  | 4.29 | 3.1   | 0.8 | 0.8   | 11.4 | 30  | 0.05 | 0.1  | 0.05 | 82  | 0.52 | 0.098 | 8  | 30  | 1.56 | 647 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW102966 | 0.059 | 1   | 1.5  | 0.006 | 0.24 | 0.05 | 0.1   | 4.6  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000122 |
| BRW102967 | 0.036 | 2   | 0.97 | 0.006 | 0.35 | 0.1  | 0.04  | 4.2  | 0.3  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000122 |
| BRW102969 | 0.058 | 0.5 | 1.17 | 0.011 | 0.29 | 0.05 | 0.08  | 7    | 1    | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW102970 | 0.039 | 1   | 1.34 | 0.008 | 0.16 | 0.05 | 0.1   | 7.9  | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW102992 | 0.067 | 2   | 1.48 | 0.027 | 0.09 | 0.2  | 0.05  | 4.4  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000122 |
| BRW102998 | 0.149 | 2   | 1.66 | 0.009 | 0.86 | 0.05 | 0.07  | 4.3  | 0.7  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000122 |
| BRW103501 | 0.188 | 3   | 3.6  | 0.019 | 0.18 | 0.1  | 0.03  | 7.9  | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW103502 | 0.095 | 1   | 2.68 | 0.016 | 0.34 | 0.05 | 0.02  | 9.8  | 0.2  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW103504 | 0.044 | 2   | 2.47 | 0.016 | 0.27 | 0.05 | 0.02  | 11.7 | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103505 | 0.069 | 0.5 | 2.74 | 0.021 | 0.21 | 0.05 | 0.02  | 8.3  | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW103505 | 0.074 | 2   | 2.81 | 0.023 | 0.22 | 0.05 | 0.01  | 8.6  | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW103506 | 0.054 | 0.5 | 2.2  | 0.047 | 0.07 | 0.05 | 0.01  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103509 | 0.05  | 0.5 | 2.24 | 0.012 | 0.12 | 0.05 | 0.03  | 6    | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103512 | 0.011 | 0.5 | 1.41 | 0.011 | 0.05 | 0.05 | 0.01  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103538 | 0.207 | 2   | 3.02 | 0.009 | 1.81 | 0.05 | 0.01  | 19   | 0.6  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW103541 | 0.111 | 0.5 | 2.81 | 0.038 | 0.57 | 0.05 | 0.005 | 7.3  | 0.2  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000122 |
| BRW103542 | 0.049 | 1   | 2.22 | 0.011 | 0.37 | 0.05 | 0.005 | 5.4  | 0.2  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000122 |
| BRW103543 | 0.117 | 2   | 2.04 | 0.01  | 0.58 | 0.05 | 0.005 | 5.5  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103544 | 0.048 | 1   | 1.47 | 0.007 | 0.44 | 0.05 | 0.005 | 9.4  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000122 |
| BRW103545 | 0.15  | 3   | 1.97 | 0.023 | 0.85 | 0.05 | 0.02  | 7.6  | 0.4  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000122 |
| BRW103547 | 0.076 | 1   | 1.89 | 0.009 | 0.13 | 0.05 | 0.02  | 3.1  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103549 | 0.06  | 1   | 1.58 | 0.017 | 0.17 | 0.05 | 0.04  | 6    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103552 | 0.125 | 0.5 | 2.04 | 0.011 | 0.91 | 0.05 | 0.01  | 3.2  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW103553 | 0.06  | 0.5 | 1.98 | 0.007 | 0.4  | 0.05 | 0.04  | 9.6  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW103555 | 0.074 | 2   | 1.83 | 0.008 | 0.08 | 0.05 | 0.02  | 3.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103556 | 0.019 | 2   | 1.26 | 0.007 | 0.39 | 0.05 | 0.06  | 7.7  | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103568 | 0.134 | 2   | 1.97 | 0.013 | 1.09 | 0.05 | 0.005 | 5.4  | 0.9  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103569 | 0.125 | 2   | 2.13 | 0.021 | 0.44 | 0.05 | 0.01  | 4.8  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103570 | 0.172 | 3   | 2.52 | 0.02  | 0.84 | 0.05 | 0.005 | 8.3  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW103572 | 0.004 | 4   | 0.66 | 0.005 | 0.2  | 0.05 | 0.1   | 7.7  | 0.2  | 0.025 | 2  | 0.5  | 1DX15  | WHI10000122 |
| BRW103577 | 0.171 | 0.5 | 2.21 | 0.013 | 0.42 | 0.05 | 0.01  | 4.9  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW103577 | 0.19  | 0.5 | 2.39 | 0.013 | 0.46 | 0.05 | 0.005 | 5    | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW103578 | 0.217 | 2   | 2.54 | 0.014 | 0.88 | 0.05 | 0.005 | 9.7  | 0.3  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000122 |
| BRW103585 | 0.08  | 2   | 1.37 | 0.01  | 0.37 | 0.05 | 0.01  | 8    | 0.3  | 0.025 | 5  | 2    | 1DX15  | WHI10000122 |
| BRW103586 | 0.037 | 3   | 1.05 | 0.006 | 0.28 | 0.05 | 0.04  | 4.9  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000122 |
| BRW103588 | 0.078 | 2   | 1.39 | 0.033 | 0.09 | 0.1  | 0.03  | 3.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103743 | 0.076 | 2   | 2.05 | 0.011 | 0.14 | 0.1  | 0.03  | 4    | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103754 | 0.085 | 0.5 | 1.46 | 0.025 | 0.06 | 0.2  | 0.02  | 3.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103755 | 0.074 | 2   | 1.45 | 0.029 | 0.07 | 0.2  | 0.02  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103757 | 0.091 | 2   | 1.58 | 0.028 | 0.07 | 0.2  | 0.03  | 3.6  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000122 |
| BRW103761 | 0.09  | 2   | 1.34 | 0.035 | 0.09 | 0.2  | 0.03  | 3.6  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000122 |
| BRW103763 | 0.075 | 2   | 1.47 | 0.037 | 0.06 | 0.2  | 0.04  | 3.9  | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000122 |
| BRW103765 | 0.075 | 1   | 1.44 | 0.024 | 0.05 | 0.2  | 0.04  | 3.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103765 | 0.074 | 2   | 1.46 | 0.025 | 0.06 | 0.2  | 0.03  | 3.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103767 | 0.078 | 2   | 1.41 | 0.022 | 0.07 | 0.2  | 0.03  | 3.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103768 | 0.064 | 0.5 | 1.19 | 0.017 | 0.08 | 0.2  | 0.03  | 2.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103769 | 0.144 | 3   | 2.29 | 0.022 | 0.7  | 0.05 | 0.01  | 4.4  | 0.3  | 0.1   | 7  | 1.2  | 1DX15  | WHI10000122 |
| BRW103770 | 0.128 | 0.5 | 2.45 | 0.021 | 0.48 | 0.05 | 0.01  | 5.2  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103784 | 0.013 | 2   | 0.56 | 0.004 | 0.1  | 0.05 | 0.01  | 6.9  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000122 |
| BRW103785 | 0.002 | 1   | 1.23 | 0.006 | 0.1  | 0.05 | 0.02  | 6.8  | 0.1  | 0.025 | 3  | 0.5  | 1DX15  | WHI10000122 |
| BRW103786 | 0.074 | 2   | 2.34 | 0.005 | 0.24 | 0.1  | 0.01  | 5.9  | 0.4  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000122 |
| BRW103787 | 0.067 | 2   | 1.22 | 0.011 | 0.16 | 0.05 | 0.01  | 1.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW103788 | 0.054 | 2   | 3.01 | 0.039 | 0.05 | 0.05 | 0.03  | 10.7 | 0.05 | 0.025 | 12 | 0.25 | 1DX15  | WHI10000122 |
| BRW103789 | 0.207 | 0.5 | 3.28 | 0.053 | 0.02 | 0.05 | 0.01  | 12.6 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW103790 | 0.157 | 1   | 3    | 0.026 | 0.64 | 0.05 | 0.005 | 6.8  | 0.1  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW103791 | 0.091 | 2   | 2.37 | 0.013 | 0.35 | 0.05 | 0.005 | 8.5  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW103792 | 0.083 | 2   | 3.3  | 0.016 | 0.42 | 0.05 | 0.01  | 8.8  | 0.1  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000122 |
| BRW103794 | 0.083 | 1   | 2.41 | 0.016 | 0.07 | 0.05 | 0.01  | 3.7  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103795 | 0.112 | 2   | 4.17 | 0.055 | 0.3  | 0.05 | 0.005 | 7.4  | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW103796 | 0.215 | 0.5 | 3.72 | 0.011 | 0.96 | 0.05 | 0.005 | 3.4  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW103801 | 0.064 | 2   | 1.52 | 0.035 | 0.08 | 0.2  | 0.05  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103803 | 0.076 | 2   | 2.62 | 0.015 | 0.11 | 0.05 | 0.02  | 8.5  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103805 | 0.208 | 1   | 2.52 | 0.015 | 1.01 | 0.1  | 0.005 | 3.8  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|------|------|
| BRW103807 | Soil | 596474     | 7005456    | 07V      | 1.1 | 43.7  | 4.7  | 77  | 0.05 | 19.7 | 17.6 |
| BRW103813 | Soil | 596257     | 7005286    | 07V      | 1   | 59.2  | 3.8  | 124 | 0.1  | 25.6 | 32.5 |
| BRW103822 | Soil | 595858     | 7004979    | 07V      | 0.8 | 28.4  | 7    | 56  | 0.05 | 22.7 | 10.7 |
| BRW103825 | Soil | 595742     | 7004885    | 07V      | 0.9 | 36.8  | 8.4  | 73  | 0.1  | 25.8 | 13.2 |
| BRW103832 | Soil | 598593     | 7005587    | 07V      | 2.2 | 55.6  | 10.6 | 141 | 0.05 | 43.4 | 14.9 |
| BRW103835 | Soil | 598710     | 7005681    | 07V      | 0.6 | 21.2  | 7.8  | 76  | 0.05 | 11   | 8.9  |
| BRW103841 | Soil | 598948     | 7005869    | 07V      | 1.4 | 15.3  | 10.4 | 109 | 0.05 | 45.7 | 13.7 |
| BRW103852 | Soil | 599378     | 7006205    | 07V      | 2.5 | 40.7  | 18.3 | 76  | 0.05 | 26.8 | 9.5  |
| BRW103903 | Soil | 596748     | 7006564    | 07V      | 0.9 | 32.3  | 8    | 105 | 0.05 | 24   | 14.3 |
| BRW103904 | Soil | 596710     | 7006535    | 07V      | 1   | 42.7  | 10.1 | 90  | 0.05 | 29.2 | 15.2 |
| BRW103907 | Soil | 596591     | 7006441    | 07V      | 0.6 | 56.2  | 6.1  | 75  | 0.1  | 74.9 | 15.6 |
| BRW103908 | Soil | 596551     | 7006409    | 07V      | 1.5 | 80.7  | 9.5  | 86  | 0.05 | 61.9 | 20.4 |
| BRW103909 | Soil | 596511     | 7006380    | 07V      | 1.2 | 29.7  | 11.5 | 76  | 0.1  | 33.5 | 19.7 |
| BRW103909 | REP  | 596511     | 7006380    | 07V      | 1   | 27.9  | 11.1 | 74  | 0.1  | 32.9 | 19.8 |
| BRW103912 | Soil | 596386     | 7006276    | 07V      | 1.3 | 29.5  | 10.7 | 74  | 0.1  | 26.2 | 14.9 |
| BRW103914 | Soil | 596304     | 7006218    | 07V      | 1.3 | 21.8  | 7.3  | 99  | 0.05 | 17.7 | 12.7 |
| BRW103915 | Soil | 596266     | 7006184    | 07V      | 1.1 | 22.6  | 11.2 | 61  | 0.05 | 21.8 | 8.4  |
| BRW103920 | Soil | 596229     | 7006151    | 07V      | 1   | 25.2  | 15.1 | 67  | 0.05 | 17.1 | 8    |
| BRW103921 | Soil | 596191     | 7006120    | 07V      | 0.8 | 66.1  | 16.9 | 109 | 0.05 | 46.2 | 13.2 |
| BRW103922 | Soil | 596150     | 7006091    | 07V      | 1.5 | 44.9  | 11.2 | 97  | 0.05 | 35.5 | 12.5 |
| BRW103922 | REP  | 596150     | 7006091    | 07V      | 1.7 | 46    | 10.5 | 100 | 0.05 | 36.8 | 12.1 |
| BRW103923 | Soil | 596109     | 7006056    | 07V      | 4.2 | 56.6  | 46.3 | 114 | 0.1  | 43.2 | 14.1 |
| BRW103945 | Soil | 598850     | 7005666    | 07V      | 1.9 | 50.6  | 15   | 88  | 0.05 | 40.9 | 11.8 |
| BRW103949 | Soil | 599005     | 7005791    | 07V      | 0.4 | 52.4  | 6.6  | 79  | 0.05 | 36.3 | 13   |
| BRW103957 | Soil | 599363     | 7006065    | 07V      | 1.4 | 30.8  | 7.4  | 88  | 0.05 | 39.8 | 12.2 |
| BRW103960 | Soil | 599483     | 7006157    | 07V      | 1.4 | 19.6  | 11   | 46  | 0.2  | 17.8 | 7.2  |
| BRW103961 | Soil | 599523     | 7006188    | 07V      | 1.3 | 23.2  | 11.3 | 66  | 0.3  | 24.7 | 8.6  |
| BRW103963 | Soil | 599601     | 7006249    | 07V      | 1.2 | 18.4  | 13.1 | 70  | 0.3  | 23.1 | 9.7  |
| BRW103973 | Soil | 596394     | 7006535    | 07V      | 1.3 | 52.3  | 7.4  | 117 | 0.05 | 54.8 | 15.1 |
| BRW103987 | Soil | 596946     | 7006965    | 07V      | 0.7 | 67.2  | 10.2 | 68  | 0.05 | 22.7 | 11.2 |
| BRW103988 | Soil | 596984     | 7006996    | 07V      | 0.3 | 11.8  | 3    | 35  | 0.05 | 6.8  | 4.5  |
| BRW103989 | Soil | 597024     | 7007027    | 07V      | 0.5 | 18.2  | 5.7  | 58  | 0.05 | 11.5 | 6.9  |
| BRW103990 | Soil | 597064     | 7007059    | 07V      | 0.8 | 7.6   | 5.7  | 52  | 0.05 | 5.9  | 5.6  |
| BRW104031 | Soil | 597360     | 7006269    | 07V      | 1.2 | 35.9  | 14.2 | 76  | 0.05 | 29.4 | 12.3 |
| BRW104032 | Soil | 597321     | 7006239    | 07V      | 0.8 | 40.1  | 7.5  | 89  | 0.05 | 27.8 | 11.2 |
| BRW104034 | Soil | 597281     | 7006205    | 07V      | 1   | 59.6  | 8.5  | 120 | 0.05 | 28.1 | 22.7 |
| BRW104035 | Soil | 597241     | 7006178    | 07V      | 1.4 | 100.9 | 10.7 | 120 | 0.05 | 61.7 | 22.1 |
| BRW104035 | REP  | 597241     | 7006178    | 07V      | 1.4 | 103.1 | 10.9 | 122 | 0.05 | 62.4 | 22.6 |
| BRW104036 | Soil | 597202     | 7006148    | 07V      | 0.9 | 30.9  | 8.7  | 68  | 0.05 | 28.7 | 13.5 |
| BRW104039 | Soil | 597120     | 7006085    | 07V      | 0.8 | 33.9  | 6.8  | 70  | 0.1  | 36.6 | 12.2 |
| BRW104040 | Soil | 597083     | 7006057    | 07V      | 2.9 | 46.8  | 11   | 103 | 0.05 | 51.1 | 14.7 |
| BRW104041 | Soil | 597041     | 7006025    | 07V      | 2.8 | 61.6  | 7.4  | 140 | 0.05 | 48.2 | 27.6 |
| BRW104044 | Soil | 596926     | 7005934    | 07V      | 1.4 | 90.2  | 7    | 85  | 0.05 | 105  | 27.6 |
| BRW104045 | Soil | 596884     | 7005903    | 07V      | 1.8 | 46.8  | 7.9  | 80  | 0.1  | 47.2 | 16.7 |
| BRW104047 | Soil | 596805     | 7005843    | 07V      | 2.8 | 88.5  | 5.4  | 114 | 0.05 | 67.9 | 26   |
| BRW104048 | Soil | 596769     | 7005811    | 07V      | 1.9 | 59.8  | 12.6 | 126 | 0.05 | 51.9 | 19.9 |
| BRW104049 | Soil | 596728     | 7005785    | 07V      | 1.8 | 30.4  | 9.7  | 66  | 0.05 | 24.8 | 9.5  |
| BRW104052 | Soil | 596610     | 7005690    | 07V      | 1.2 | 27.7  | 9.3  | 55  | 0.05 | 26.8 | 10.4 |
| BRW104064 | Soil | 598963     | 7005117    | 07V      | 1.8 | 63.1  | 11.8 | 108 | 0.05 | 60.3 | 19.7 |
| BRW104065 | Soil | 599005     | 7005149    | 07V      | 1.2 | 38    | 12.3 | 67  | 0.1  | 31.6 | 14.9 |
| BRW104066 | Soil | 599044     | 7005179    | 07V      | 1.5 | 55.1  | 12.2 | 88  | 0.2  | 40   | 14.5 |
| BRW104068 | Soil | 599122     | 7005240    | 07V      | 1.4 | 35.6  | 8.6  | 76  | 0.05 | 31   | 13.4 |
| BRW104069 | Soil | 599162     | 7005271    | 07V      | 0.5 | 23.2  | 5.1  | 55  | 0.05 | 34.3 | 20.3 |
| BRW104070 | Soil | 599245     | 7005329    | 07V      | 1.6 | 24    | 18.1 | 79  | 0.05 | 26.6 | 12.8 |
| BRW104072 | Soil | 599282     | 7005360    | 07V      | 1.7 | 26.2  | 8.7  | 87  | 0.05 | 16.4 | 12.6 |
| BRW104108 | Soil | 599662     | 7005029    | 07V      | 4.2 | 79    | 24.2 | 248 | 0.5  | 62.2 | 19.6 |
| BRW104153 | Soil | 595955     | 7005307    | 07V      | 0.7 | 85.2  | 2.9  | 93  | 0.05 | 13.5 | 23.5 |
| BRW104154 | Soil | 595915     | 7005276    | 07V      | 1.2 | 57.5  | 8.6  | 99  | 0.05 | 21.9 | 14.6 |
| BRW104155 | Soil | 595878     | 7005244    | 07V      | 0.5 | 71.3  | 4.5  | 64  | 0.1  | 30.2 | 21.6 |
| BRW104156 | Soil | 595838     | 7005213    | 07V      | 0.3 | 77.5  | 2.2  | 58  | 0.05 | 26.7 | 23.4 |
| BRW104157 | Soil | 595799     | 7005183    | 07V      | 1.2 | 51.8  | 7.9  | 80  | 0.05 | 45.6 | 19.4 |
| BRW104158 | Soil | 595759     | 7005152    | 07V      | 0.7 | 44.2  | 7.1  | 60  | 0.05 | 39.4 | 16.2 |
| BRW104159 | Soil | 595719     | 7005121    | 07V      | 0.3 | 48.9  | 4.9  | 86  | 0.05 | 18.7 | 13.1 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|------|------|----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW103807 | 530  | 4.32 | 4.6   | 0.8 | 3.2  | 7.9  | 40 | 0.05 | 0.3  | 0.05 | 93  | 0.65 | 0.06  | 23 | 42  | 1.34 | 483 |
| BRW103813 | 1636 | 6.63 | 4.5   | 0.4 | 1.6  | 1.9  | 42 | 0.3  | 0.5  | 0.05 | 145 | 1.19 | 0.177 | 18 | 39  | 1.73 | 471 |
| BRW103822 | 542  | 2.47 | 8.3   | 0.7 | 1.3  | 2.1  | 48 | 0.2  | 0.6  | 0.1  | 55  | 0.91 | 0.08  | 11 | 26  | 0.54 | 272 |
| BRW103825 | 506  | 3.3  | 8     | 0.8 | 2.1  | 3.9  | 37 | 0.3  | 0.6  | 0.2  | 80  | 0.68 | 0.056 | 15 | 36  | 0.67 | 291 |
| BRW103832 | 251  | 4.96 | 4.5   | 1   | 0.6  | 15.6 | 7  | 0.1  | 0.1  | 0.05 | 100 | 0.12 | 0.029 | 18 | 62  | 0.96 | 410 |
| BRW103835 | 384  | 3.91 | 6     | 1.1 | 1.4  | 10.6 | 14 | 0.05 | 0.5  | 0.05 | 55  | 0.48 | 0.149 | 51 | 20  | 0.56 | 148 |
| BRW103841 | 1063 | 3.02 | 9.4   | 0.8 | 2.3  | 4.2  | 25 | 0.2  | 2.4  | 0.3  | 111 | 0.19 | 0.046 | 17 | 38  | 0.61 | 590 |
| BRW103852 | 349  | 3.22 | 12.9  | 1.1 | 1.5  | 6.9  | 20 | 0.2  | 1.8  | 0.2  | 66  | 0.14 | 0.022 | 15 | 31  | 0.36 | 231 |
| BRW103903 | 665  | 5.15 | 7.7   | 0.7 | 2.3  | 14.8 | 13 | 0.05 | 0.3  | 0.05 | 82  | 0.23 | 0.048 | 23 | 48  | 1.27 | 377 |
| BRW103904 | 681  | 3.9  | 10.5  | 0.7 | 4.3  | 5.4  | 44 | 0.2  | 0.7  | 0.1  | 89  | 1.69 | 0.066 | 17 | 34  | 1.17 | 431 |
| BRW103907 | 455  | 3.19 | 4.8   | 1   | 2.8  | 6    | 31 | 0.1  | 0.2  | 0.1  | 88  | 0.93 | 0.107 | 30 | 165 | 1.18 | 423 |
| BRW103908 | 298  | 4.21 | 4.6   | 1   | 6    | 24.5 | 13 | 0.05 | 0.2  | 0.05 | 83  | 0.21 | 0.044 | 61 | 55  | 0.7  | 217 |
| BRW103909 | 685  | 4.32 | 7     | 0.5 | 2.5  | 4.6  | 45 | 0.1  | 0.4  | 0.05 | 98  | 0.9  | 0.141 | 17 | 102 | 1.4  | 654 |
| BRW103909 | 656  | 4.1  | 6.1   | 0.6 | 1.9  | 4.7  | 44 | 0.05 | 0.3  | 0.1  | 102 | 0.87 | 0.14  | 17 | 96  | 1.38 | 619 |
| BRW103912 | 835  | 2.99 | 8.9   | 1.2 | 2    | 3.5  | 38 | 0.2  | 0.4  | 0.1  | 57  | 0.99 | 0.071 | 25 | 34  | 0.49 | 687 |
| BRW103914 | 413  | 4.68 | 5.1   | 0.4 | 1.9  | 3.3  | 26 | 0.05 | 0.2  | 0.05 | 91  | 0.5  | 0.066 | 14 | 42  | 1.05 | 627 |
| BRW103915 | 266  | 2.88 | 9.3   | 0.8 | 3.7  | 4.8  | 30 | 0.05 | 0.4  | 0.1  | 70  | 0.4  | 0.046 | 16 | 35  | 0.58 | 320 |
| BRW103920 | 327  | 3.34 | 14.3  | 0.6 | 5.4  | 7    | 37 | 0.05 | 0.4  | 0.1  | 56  | 0.38 | 0.067 | 20 | 30  | 0.88 | 333 |
| BRW103921 | 642  | 4.44 | 3.5   | 1.3 | 1.6  | 11.4 | 25 | 0.1  | 0.3  | 0.05 | 77  | 0.45 | 0.095 | 31 | 45  | 0.97 | 709 |
| BRW103922 | 370  | 4.07 | 10.3  | 1.4 | 2.7  | 13.1 | 26 | 0.1  | 0.5  | 0.1  | 83  | 0.37 | 0.051 | 32 | 49  | 0.73 | 417 |
| BRW103922 | 362  | 4.03 | 10.3  | 1.2 | 2    | 12.2 | 26 | 0.05 | 0.5  | 0.1  | 78  | 0.36 | 0.047 | 33 | 50  | 0.72 | 410 |
| BRW103923 | 491  | 4.41 | 241.2 | 1.4 | 11.5 | 9.4  | 27 | 0.3  | 3.8  | 0.2  | 58  | 0.32 | 0.082 | 23 | 31  | 0.37 | 359 |
| BRW103945 | 809  | 3.67 | 13.1  | 1   | 10.2 | 5.3  | 20 | 0.2  | 1.6  | 0.2  | 53  | 0.22 | 0.041 | 14 | 31  | 0.44 | 575 |
| BRW103949 | 401  | 4.56 | 6.5   | 1.1 | 2.1  | 5.9  | 20 | 0.05 | 0.5  | 0.2  | 96  | 0.47 | 0.053 | 23 | 105 | 1.43 | 329 |
| BRW103957 | 321  | 3.43 | 12.6  | 1.1 | 1.6  | 7.9  | 13 | 0.1  | 0.8  | 0.1  | 48  | 0.12 | 0.029 | 25 | 36  | 0.21 | 169 |
| BRW103960 | 332  | 2.33 | 9.4   | 0.8 | 3.4  | 3.5  | 23 | 0.05 | 1    | 0.2  | 56  | 0.36 | 0.029 | 11 | 27  | 0.38 | 310 |
| BRW103961 | 351  | 2.86 | 7.1   | 1   | 2.4  | 5.3  | 17 | 0.05 | 0.4  | 0.2  | 59  | 0.19 | 0.039 | 16 | 33  | 0.5  | 248 |
| BRW103963 | 390  | 3.02 | 7.9   | 0.9 | 0.25 | 5.8  | 19 | 0.1  | 0.6  | 0.2  | 64  | 0.2  | 0.047 | 15 | 30  | 0.46 | 320 |
| BRW103973 | 176  | 2.89 | 1.6   | 1.3 | 0.6  | 25.3 | 11 | 0.05 | 0.1  | 0.05 | 71  | 0.4  | 0.171 | 47 | 66  | 0.78 | 292 |
| BRW103987 | 430  | 3.3  | 5.6   | 1.3 | 1.8  | 4.7  | 22 | 0.05 | 0.5  | 0.2  | 72  | 0.28 | 0.048 | 16 | 25  | 0.55 | 718 |
| BRW103988 | 213  | 1.89 | 2.5   | 0.9 | 1.4  | 13.3 | 15 | 0.05 | 0.6  | 0.05 | 26  | 0.09 | 0.017 | 29 | 7   | 0.16 | 147 |
| BRW103989 | 340  | 3.17 | 4.2   | 1.1 | 4.9  | 10.2 | 18 | 0.05 | 0.4  | 0.05 | 46  | 0.18 | 0.012 | 32 | 16  | 0.49 | 486 |
| BRW103990 | 306  | 2.68 | 3.6   | 0.5 | 2.9  | 5.5  | 13 | 0.05 | 0.2  | 0.1  | 42  | 0.1  | 0.048 | 17 | 12  | 0.31 | 165 |
| BRW104031 | 600  | 3.65 | 3.8   | 1.2 | 2    | 29.1 | 15 | 0.05 | 0.3  | 0.05 | 38  | 0.16 | 0.019 | 48 | 24  | 0.4  | 143 |
| BRW104032 | 486  | 4.32 | 10.7  | 1   | 2.8  | 9.2  | 17 | 0.05 | 0.5  | 0.1  | 64  | 0.24 | 0.031 | 26 | 32  | 0.8  | 227 |
| BRW104034 | 781  | 5.54 | 8.1   | 0.7 | 0.25 | 5.9  | 16 | 0.05 | 0.2  | 0.05 | 101 | 0.5  | 0.074 | 7  | 156 | 2.05 | 331 |
| BRW104035 | 862  | 5.91 | 20.5  | 1.1 | 0.7  | 13.8 | 13 | 0.05 | 0.3  | 0.1  | 143 | 0.35 | 0.072 | 18 | 94  | 1.5  | 429 |
| BRW104035 | 871  | 6.09 | 21    | 1.1 | 0.25 | 14.5 | 14 | 0.05 | 0.3  | 0.1  | 149 | 0.35 | 0.073 | 19 | 100 | 1.58 | 443 |
| BRW104036 | 340  | 3.96 | 11.5  | 0.7 | 2.6  | 11.1 | 18 | 0.05 | 0.6  | 0.2  | 86  | 0.27 | 0.022 | 26 | 46  | 1    | 276 |
| BRW104039 | 460  | 2.79 | 7.8   | 0.6 | 4.1  | 5.7  | 87 | 0.2  | 0.5  | 0.1  | 65  | 3.55 | 0.107 | 20 | 46  | 0.99 | 428 |
| BRW104040 | 482  | 4.13 | 23.8  | 1   | 1.7  | 18.1 | 50 | 0.05 | 0.5  | 0.05 | 72  | 0.3  | 0.039 | 42 | 59  | 0.4  | 439 |
| BRW104041 | 1039 | 7.15 | 5.6   | 1   | 2.3  | 19.3 | 26 | 0.1  | 0.2  | 0.05 | 158 | 0.96 | 0.281 | 56 | 94  | 1.36 | 928 |
| BRW104044 | 440  | 4.75 | 7.8   | 1.1 | 2.6  | 22.9 | 21 | 0.05 | 0.3  | 0.1  | 83  | 0.25 | 0.039 | 37 | 71  | 1.33 | 242 |
| BRW104045 | 869  | 3.95 | 4.7   | 0.7 | 0.25 | 6.7  | 75 | 0.2  | 0.2  | 0.05 | 75  | 1.08 | 0.048 | 13 | 69  | 1.07 | 640 |
| BRW104047 | 492  | 4.76 | 2     | 1.1 | 0.25 | 15.9 | 28 | 0.05 | 0.1  | 0.05 | 106 | 0.66 | 0.155 | 30 | 96  | 1.83 | 719 |
| BRW104048 | 397  | 5.05 | 2.2   | 0.7 | 2.6  | 16.5 | 14 | 0.2  | 0.4  | 0.05 | 72  | 0.24 | 0.037 | 41 | 58  | 0.61 | 347 |
| BRW104049 | 349  | 3.12 | 6.7   | 0.7 | 6.8  | 6.8  | 31 | 0.1  | 0.5  | 0.05 | 66  | 0.45 | 0.074 | 20 | 30  | 0.48 | 526 |
| BRW104052 | 411  | 2.7  | 8.5   | 0.6 | 1.7  | 4.4  | 31 | 0.05 | 0.4  | 0.1  | 58  | 0.63 | 0.042 | 16 | 37  | 0.52 | 301 |
| BRW104064 | 270  | 4.7  | 21    | 0.6 | 1.9  | 12.4 | 16 | 0.05 | 0.7  | 0.05 | 71  | 0.23 | 0.052 | 18 | 68  | 0.76 | 344 |
| BRW104065 | 532  | 3.65 | 15.9  | 0.9 | 9.1  | 7.2  | 27 | 0.1  | 0.6  | 0.1  | 69  | 0.61 | 0.077 | 27 | 42  | 0.64 | 570 |
| BRW104066 | 452  | 3.38 | 15.3  | 0.7 | 7.9  | 11.5 | 44 | 0.2  | 0.5  | 0.1  | 72  | 1.53 | 0.099 | 42 | 35  | 0.84 | 381 |
| BRW104068 | 434  | 3.64 | 14.1  | 0.7 | 3    | 7.8  | 25 | 0.05 | 0.5  | 0.1  | 74  | 0.55 | 0.061 | 43 | 41  | 0.84 | 212 |
| BRW104069 | 482  | 3.55 | 3.6   | 0.3 | 3    | 2.2  | 19 | 0.05 | 0.2  | 0.05 | 84  | 0.55 | 0.13  | 10 | 102 | 1.64 | 224 |
| BRW104070 | 504  | 3.63 | 9.2   | 0.9 | 0.7  | 8.1  | 22 | 0.1  | 0.6  | 0.2  | 64  | 0.37 | 0.09  | 27 | 42  | 0.68 | 260 |
| BRW104072 | 494  | 4.41 | 8.7   | 1.2 | 1.4  | 12.9 | 19 | 0.05 | 0.3  | 0.1  | 59  | 0.48 | 0.146 | 63 | 29  | 0.93 | 188 |
| BRW104108 | 1538 | 4.77 | 13.7  | 1.2 | 1.8  | 8.8  | 18 | 1.1  | 3.2  | 0.1  | 77  | 0.25 | 0.044 | 18 | 47  | 0.68 | 354 |
| BRW104153 | 631  | 5.55 | 3.1   | 0.5 | 0.25 | 1.6  | 33 | 0.05 | 0.2  | 0.05 | 198 | 0.95 | 0.108 | 4  | 13  | 1.2  | 415 |
| BRW104154 | 699  | 4.37 | 4.2   | 1.1 | 2.2  | 6.9  | 27 | 0.1  | 0.9  | 0.05 | 73  | 0.77 | 0.113 | 20 | 18  | 0.42 | 298 |
| BRW104155 | 643  | 4.01 | 5.7   | 0.4 | 4.1  | 1.7  | 57 | 0.1  | 0.3  | 0.05 | 102 | 3.03 | 0.105 | 8  | 39  | 1.52 | 192 |
| BRW104156 | 568  | 3.77 | 2.7   | 0.2 | 2.3  | 0.8  | 70 | 0.1  | 0.05 | 0.05 | 102 | 2.82 | 0.09  | 3  | 34  | 2.06 | 160 |
| BRW104157 | 609  | 3.99 | 6.1   | 0.6 | 13.4 | 3    | 51 | 0.05 | 0.4  | 0.05 | 96  | 0.9  | 0.079 | 11 | 88  | 1.33 | 308 |
| BRW104158 | 730  | 2.71 | 5.6   | 0.2 | 6.2  | 1.6  | 59 | 0.1  | 0.5  | 0.05 | 57  | 4.17 | 0.049 | 7  | 94  | 0.94 | 270 |
| BRW104159 | 642  | 3.69 | 4.8   | 0.5 | 6.2  | 1.7  | 18 | 0.05 | 0.05 | 0.05 | 89  | 0.71 | 0.065 | 14 | 19  | 0.76 | 291 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW103807 | 0.15  | 0.5 | 2.77 | 0.017 | 0.46 | 0.05 | 0.02  | 6.4  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103813 | 0.086 | 3   | 2.69 | 0.042 | 0.37 | 0.05 | 0.04  | 16.2 | 0.05 | 0.025 | 9  | 0.6  | 1DX15  | WHI10000122 |
| BRW103822 | 0.063 | 2   | 1.28 | 0.029 | 0.06 | 0.2  | 0.03  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103825 | 0.094 | 2   | 2.07 | 0.023 | 0.06 | 0.05 | 0.03  | 5.3  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103832 | 0.179 | 0.5 | 2.46 | 0.007 | 1.25 | 0.05 | 0.005 | 4.8  | 0.6  | 0.025 | 8  | 0.9  | 1DX15  | WHI10000122 |
| BRW103835 | 0.101 | 2   | 1.54 | 0.008 | 0.56 | 0.05 | 0.005 | 7.6  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW103841 | 0.042 | 1   | 2.33 | 0.006 | 0.16 | 0.2  | 0.03  | 6.7  | 0.2  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000122 |
| BRW103852 | 0.035 | 2   | 1.58 | 0.006 | 0.1  | 0.05 | 0.05  | 4.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103903 | 0.221 | 1   | 2.68 | 0.01  | 1.29 | 0.05 | 0.01  | 11   | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW103904 | 0.164 | 2   | 2.14 | 0.033 | 0.41 | 0.1  | 0.02  | 5.9  | 0.2  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000122 |
| BRW103907 | 0.099 | 1   | 1.92 | 0.019 | 0.39 | 0.05 | 0.02  | 6.2  | 0.2  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000122 |
| BRW103908 | 0.101 | 0.5 | 1.4  | 0.007 | 0.52 | 0.05 | 0.005 | 5.8  | 0.4  | 0.025 | 5  | 1.3  | 1DX15  | WHI10000122 |
| BRW103909 | 0.13  | 2   | 2.36 | 0.021 | 0.8  | 0.1  | 0.02  | 6.9  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW103909 | 0.131 | 1   | 2.29 | 0.016 | 0.78 | 0.05 | 0.005 | 6.9  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW103912 | 0.056 | 2   | 1.66 | 0.01  | 0.11 | 0.1  | 0.06  | 4.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103914 | 0.061 | 2   | 2.62 | 0.014 | 0.25 | 0.05 | 0.005 | 8    | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW103915 | 0.092 | 0.5 | 1.64 | 0.014 | 0.09 | 0.1  | 0.02  | 4    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103920 | 0.109 | 1   | 1.99 | 0.018 | 0.4  | 0.05 | 0.01  | 4.9  | 0.2  | 0.14  | 6  | 0.5  | 1DX15  | WHI10000122 |
| BRW103921 | 0.144 | 0.5 | 2.2  | 0.01  | 0.87 | 0.05 | 0.02  | 8    | 0.3  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000122 |
| BRW103922 | 0.092 | 0.5 | 2.14 | 0.013 | 0.32 | 0.05 | 0.02  | 6.2  | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000122 |
| BRW103922 | 0.097 | 2   | 2.14 | 0.013 | 0.32 | 0.05 | 0.02  | 5.8  | 0.2  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000122 |
| BRW103923 | 0.037 | 2   | 1.47 | 0.006 | 0.27 | 0.05 | 0.07  | 7.6  | 0.3  | 0.025 | 4  | 1.6  | 1DX15  | WHI10000122 |
| BRW103945 | 0.043 | 2   | 1.37 | 0.007 | 0.32 | 0.05 | 0.02  | 5.3  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103949 | 0.095 | 2   | 2.71 | 0.015 | 0.35 | 0.05 | 0.04  | 10.5 | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW103957 | 0.017 | 0.5 | 0.9  | 0.004 | 0.08 | 0.05 | 0.03  | 4.5  | 0.05 | 0.025 | 3  | 0.6  | 1DX15  | WHI10000122 |
| BRW103960 | 0.058 | 2   | 1.22 | 0.017 | 0.11 | 0.1  | 0.04  | 3.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW103961 | 0.081 | 1   | 1.55 | 0.009 | 0.27 | 0.1  | 0.01  | 3.1  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103963 | 0.072 | 0.5 | 1.69 | 0.01  | 0.23 | 0.1  | 0.02  | 2.4  | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000122 |
| BRW103973 | 0.111 | 0.5 | 1.75 | 0.01  | 0.78 | 0.05 | 0.005 | 3.6  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW103987 | 0.112 | 0.5 | 1.51 | 0.013 | 0.28 | 0.1  | 0.03  | 6    | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000122 |
| BRW103988 | 0.029 | 2   | 0.7  | 0.009 | 0.14 | 0.5  | 0.15  | 5.1  | 0.05 | 0.025 | 3  | 0.6  | 1DX15  | WHI10000122 |
| BRW103989 | 0.146 | 2   | 1.47 | 0.012 | 0.35 | 0.05 | 0.03  | 7.6  | 0.2  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000122 |
| BRW103990 | 0.113 | 1   | 1.2  | 0.008 | 0.35 | 0.05 | 0.02  | 5.7  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW104031 | 0.045 | 1   | 1.25 | 0.007 | 0.44 | 0.05 | 0.02  | 7.7  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW104032 | 0.177 | 2   | 2.15 | 0.014 | 0.8  | 0.05 | 0.02  | 9.2  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW104034 | 0.156 | 1   | 3.42 | 0.01  | 1.4  | 0.05 | 0.005 | 10.3 | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW104035 | 0.167 | 0.5 | 3.02 | 0.008 | 1.54 | 0.05 | 0.005 | 11.2 | 1    | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW104035 | 0.175 | 1   | 3.19 | 0.008 | 1.62 | 0.05 | 0.01  | 11.5 | 1.1  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW104036 | 0.146 | 1   | 2.31 | 0.014 | 0.54 | 0.1  | 0.02  | 8.6  | 0.2  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000122 |
| BRW104039 | 0.095 | 2   | 1.37 | 0.034 | 0.18 | 0.1  | 0.02  | 3.9  | 0.2  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000122 |
| BRW104040 | 0.049 | 2   | 1.22 | 0.008 | 0.28 | 0.05 | 0.03  | 9    | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW104041 | 0.163 | 2   | 2.26 | 0.013 | 1.02 | 0.05 | 0.04  | 16.7 | 0.6  | 0.025 | 10 | 0.8  | 1DX15  | WHI10000122 |
| BRW104044 | 0.136 | 0.5 | 2.67 | 0.012 | 0.85 | 0.05 | 0.005 | 7    | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW104045 | 0.095 | 3   | 2.52 | 0.015 | 0.61 | 0.05 | 0.005 | 4.7  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW104047 | 0.211 | 0.5 | 3.21 | 0.035 | 1.29 | 0.05 | 0.005 | 5.4  | 0.4  | 0.07  | 11 | 0.5  | 1DX15  | WHI10000122 |
| BRW104048 | 0.064 | 1   | 1.55 | 0.007 | 0.49 | 0.05 | 0.03  | 8.9  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000122 |
| BRW104049 | 0.064 | 0.5 | 1.18 | 0.022 | 0.13 | 0.2  | 0.01  | 5.2  | 0.1  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000122 |
| BRW104052 | 0.068 | 1   | 1.65 | 0.02  | 0.07 | 0.2  | 0.01  | 4.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW104064 | 0.179 | 2   | 2.26 | 0.012 | 0.87 | 0.05 | 0.01  | 3.3  | 0.6  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000122 |
| BRW104065 | 0.1   | 3   | 1.54 | 0.022 | 0.35 | 0.1  | 0.04  | 6.5  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW104066 | 0.108 | 3   | 1.59 | 0.026 | 0.28 | 0.1  | 0.08  | 5.9  | 0.2  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000122 |
| BRW104068 | 0.143 | 3   | 1.97 | 0.02  | 0.37 | 0.05 | 0.02  | 6.8  | 0.2  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000122 |
| BRW104069 | 0.214 | 3   | 2.38 | 0.013 | 1.09 | 0.05 | 0.005 | 4.6  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW104070 | 0.153 | 2   | 2.06 | 0.013 | 0.6  | 0.1  | 0.02  | 6.1  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW104072 | 0.189 | 1   | 2.43 | 0.012 | 1.04 | 0.05 | 0.005 | 6.2  | 0.6  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW104108 | 0.109 | 3   | 1.58 | 0.013 | 0.37 | 0.1  | 0.03  | 3.9  | 0.4  | 0.07  | 6  | 1.5  | 1DX15  | WHI10000122 |
| BRW104153 | 0.151 | 2   | 2.76 | 0.055 | 0.55 | 0.05 | 0.02  | 8.2  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW104154 | 0.033 | 5   | 1.5  | 0.009 | 0.19 | 0.05 | 0.22  | 14   | 0.1  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000122 |
| BRW104155 | 0.06  | 3   | 2.34 | 0.047 | 0.1  | 0.05 | 0.03  | 7.9  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW104156 | 0.097 | 3   | 2.98 | 0.06  | 0.12 | 0.05 | 0.01  | 6.7  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW104157 | 0.058 | 2   | 2.68 | 0.02  | 0.09 | 0.05 | 0.02  | 7.8  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW104158 | 0.034 | 1   | 1.56 | 0.02  | 0.12 | 0.05 | 0.01  | 5.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW104159 | 0.055 | 4   | 1.71 | 0.007 | 0.22 | 0.05 | 0.02  | 8.6  | 0.1  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo    | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-------|-------|------|-----|------|------|------|
| BRW104160 | Soil | 595679     | 7005088    | 07V      | 0.1   | 70.2  | 2.9  | 80  | 0.05 | 24.3 | 21.4 |
| BRW104161 | Soil | 595640     | 7005057    | 07V      | 0.5   | 71.3  | 3.7  | 208 | 0.05 | 24.8 | 25.1 |
| BRW104163 | Soil | 595663     | 7004950    | 07V      | 0.7   | 29.9  | 8.2  | 59  | 0.05 | 24   | 12.9 |
| BRW104164 | Soil | 595701     | 7004981    | 07V      | 0.6   | 31.7  | 7.4  | 59  | 0.05 | 27.2 | 13.5 |
| BRW104171 | Soil | 595979     | 7005197    | 07V      | 0.3   | 61.9  | 2.4  | 70  | 0.05 | 25.6 | 27.1 |
| BRW104230 | Soil | 599661     | 7006170    | 07V      | 2     | 54.9  | 13.3 | 158 | 0.05 | 52   | 14.9 |
| BRW104231 | Soil | 599701     | 7006200    | 07V      | 0.8   | 41.6  | 10   | 64  | 0.05 | 34.1 | 11.1 |
| BRW104232 | Soil | 599740     | 7006231    | 07V      | 1.4   | 20.8  | 8    | 89  | 0.1  | 21.1 | 10.9 |
| BRW104258 | Soil | 599472     | 7004624    | 07V      | 0.8   | 18.5  | 6.9  | 90  | 0.05 | 18.3 | 14.6 |
| BRW104259 | Soil | 599433     | 7004595    | 07V      | 1.9   | 68.4  | 15.1 | 159 | 0.05 | 59.6 | 16.9 |
| BRW104260 | Soil | 599393     | 7004564    | 07V      | 1     | 31.2  | 10.4 | 127 | 0.05 | 32.1 | 13.9 |
| BRW104261 | Soil | 599352     | 7004533    | 07V      | 1.5   | 34.1  | 7.4  | 110 | 0.05 | 31.3 | 16.9 |
| BRW104263 | Soil | 599274     | 7004469    | 07V      | 0.8   | 40.4  | 8.7  | 101 | 0.05 | 41.8 | 18.5 |
| BRW104264 | Soil | 599236     | 7004440    | 07V      | 1.3   | 57.6  | 8.3  | 109 | 0.05 | 23.3 | 15.4 |
| BRW104305 | Soil | 596748     | 7005673    | 07V      | 1.3   | 34.7  | 9.1  | 71  | 0.05 | 35.5 | 13.4 |
| BRW104310 | Soil | 596946     | 7005824    | 07V      | 2.9   | 90.5  | 9.9  | 96  | 0.2  | 65.4 | 24   |
| BRW104311 | Soil | 596987     | 7005857    | 07V      | 1     | 30.7  | 9.6  | 59  | 0.1  | 43.5 | 15.3 |
| BRW104452 | Soil | 596578     | 7005409    | 07V      | 0.8   | 31.8  | 8.1  | 66  | 0.05 | 28.4 | 10.8 |
| BRW104453 | Soil | 596617     | 7005440    | 07V      | 0.8   | 34.2  | 8    | 65  | 0.1  | 27.5 | 10.5 |
| BRW104457 | Soil | 596776     | 7005560    | 07V      | 4.2   | 32.4  | 10.6 | 70  | 0.05 | 37.7 | 14.5 |
| BRW104461 | Soil | 596933     | 7005684    | 07V      | 3.1   | 37.2  | 11.6 | 98  | 0.05 | 17.9 | 12   |
| BRW104462 | Soil | 596973     | 7005715    | 07V      | 2.9   | 74.6  | 8.5  | 84  | 0.05 | 47.7 | 20.9 |
| BRW104466 | Soil | 597129     | 7005835    | 07V      | 4.3   | 122.4 | 5.2  | 127 | 0.05 | 75.3 | 30.3 |
| BRW104472 | Soil | 597365     | 7006022    | 07V      | 3.2   | 77.8  | 18.3 | 116 | 0.05 | 21.2 | 13.4 |
| BRW104473 | Soil | 597406     | 7006052    | 07V      | 1.2   | 23.6  | 13.1 | 153 | 0.05 | 13.8 | 15.5 |
| BRW104483 | Soil | 598743     | 7005070    | 07V      | 0.7   | 40.4  | 5.3  | 73  | 0.05 | 21.9 | 15.4 |
| BRW104484 | Soil | 598781     | 7005099    | 07V      | 2.4   | 49.6  | 15.8 | 138 | 0.05 | 44.5 | 19.7 |
| BRW104485 | Soil | 598822     | 7005130    | 07V      | 2.9   | 35.3  | 9.3  | 94  | 0.05 | 34.9 | 14.9 |
| BRW104486 | Soil | 599059     | 7005314    | 07V      | 1.5   | 26.3  | 6.7  | 86  | 0.05 | 22.8 | 14.7 |
| BRW108002 | Soil | 597497     | 7006506    | 07V      | 2.2   | 40.4  | 37   | 125 | 0.05 | 48.1 | 12.6 |
| BRW108002 | REP  | 597497     | 7006506    | 07V      | 2.2   | 40.5  | 37.9 | 130 | 0.05 | 49.7 | 13   |
| BRW108015 | Soil | 596982     | 7006105    | 07V      | 3.8   | 64.5  | 13   | 148 | 0.05 | 57.5 | 15.4 |
| BRW108017 | Soil | 596903     | 7006044    | 07V      | 2.5   | 43    | 13.9 | 123 | 0.1  | 24.2 | 19   |
| BRW108018 | Soil | 596864     | 7006013    | 07V      | 1.4   | 31.7  | 10.2 | 61  | 0.05 | 30.4 | 13.1 |
| BRW108019 | Soil | 596824     | 7005982    | 07V      | 1.3   | 52.1  | 9.9  | 72  | 0.05 | 51.8 | 16.2 |
| BRW108021 | Soil | 596747     | 7005922    | 07V      | 18.5  | 42.5  | 25.1 | 124 | 0.1  | 43.8 | 15.1 |
| BRW108022 | Soil | 596708     | 7005892    | 07V      | 3     | 77.6  | 25.9 | 159 | 0.05 | 56.9 | 18.1 |
| BRW108023 | Soil | 596667     | 7005860    | 07V      | 3.1   | 83.7  | 12.7 | 123 | 0.05 | 68.3 | 19.9 |
| BRW108024 | Soil | 596630     | 7005828    | 07V      | 1     | 25.9  | 13   | 48  | 0.05 | 22.4 | 9.7  |
| BRW108032 | Soil | 596393     | 7005645    | 07V      | 2.1   | 32.1  | 8.4  | 65  | 0.05 | 35.3 | 12.8 |
| BRW108045 | Soil | 599093     | 7005599    | 07V      | 2.9   | 35.2  | 7.2  | 80  | 0.05 | 39.6 | 9.1  |
| BRW108046 | Soil | 599133     | 7005628    | 07V      | 1.5   | 30.9  | 9.9  | 61  | 0.1  | 37.7 | 18   |
| BRW108048 | Soil | 599802     | 7006152    | 07V      | 1.3   | 17.6  | 14.5 | 60  | 0.05 | 19.5 | 7.7  |
| BRW108049 | Soil | 599802     | 7006152    | 07V      | 1.3   | 19.9  | 10.9 | 63  | 0.05 | 17.4 | 7.2  |
| BRW108051 | Soil | 599212     | 7005692    | 07V      | 0.7   | 25.1  | 10.1 | 52  | 0.05 | 28.6 | 10.9 |
| BRW108055 | Soil | 599369     | 7005815    | 07V      | 0.9   | 16.5  | 8.5  | 48  | 0.05 | 23.5 | 9.9  |
| BRW108060 | Soil | 599565     | 7005966    | 07V      | 135.3 | 68.2  | 34.7 | 107 | 0.3  | 58.9 | 14.8 |
| BRW108061 | Soil | 599603     | 7005997    | 07V      | 1.7   | 69.8  | 19   | 80  | 0.2  | 38   | 14.6 |
| BRW108062 | Soil | 599643     | 7006029    | 07V      | 1.5   | 30.1  | 14.5 | 77  | 0.1  | 26.9 | 11.8 |
| BRW108063 | Soil | 599684     | 7006060    | 07V      | 1.1   | 32.5  | 12.6 | 63  | 0.05 | 31.1 | 11.4 |
| BRW108064 | Soil | 599723     | 7006090    | 07V      | 2.2   | 17.7  | 18.3 | 55  | 0.05 | 22.3 | 8.4  |
| BRW108087 | Soil | 599613     | 7004609    | 07V      | 0.7   | 18.9  | 5    | 81  | 0.05 | 16.1 | 21.1 |
| BRW108088 | Soil | 599572     | 7004578    | 07V      | 0.9   | 18.4  | 10.5 | 105 | 0.05 | 14.9 | 12.8 |
| BRW108090 | Soil | 599494     | 7004516    | 07V      | 1.1   | 23.9  | 10.8 | 71  | 0.05 | 21.4 | 10.4 |
| BRW108090 | REP  | 599494     | 7004516    | 07V      | 1.1   | 24    | 10.9 | 71  | 0.05 | 21.4 | 10.3 |
| BRW108093 | Soil | 599376     | 7004424    | 07V      | 2.5   | 56.1  | 21   | 124 | 0.05 | 57.4 | 17.7 |
| BRW108285 | Soil | 599195     | 7005551    | 07V      | 1.2   | 53.2  | 11.5 | 80  | 0.05 | 42.2 | 14   |
| BRW108286 | Soil | 599232     | 7005583    | 07V      | 1.5   | 39.7  | 13.4 | 71  | 0.05 | 42.1 | 15   |
| BRW108287 | Soil | 599273     | 7005611    | 07V      | 1.7   | 26.5  | 10.9 | 58  | 0.05 | 35.6 | 14.5 |
| BRW108287 | REP  | 599273     | 7005611    | 07V      | 1.7   | 27.8  | 10.9 | 58  | 0.05 | 36.6 | 14.5 |
| BRW108290 | Soil | 599391     | 7005705    | 07V      | 1     | 54    | 8.7  | 54  | 0.2  | 31.9 | 12   |
| BRW108311 | Soil | 599919     | 7005355    | 07V      | 0.9   | 31.7  | 7.1  | 46  | 0.05 | 27.3 | 8.8  |
| BRW90195  | Soil | 597167     | 7004729    | 07V      | 0.3   | 31.7  | 1.9  | 93  | 0.05 | 7.1  | 22.4 |

| SampleID  | Mn   | Fe   | As    | U   | Au    | Th   | Sr  | Cd   | Sb  | Bi   | V   | Ca   | P     | La  | Cr | Mg   | Ba  |
|-----------|------|------|-------|-----|-------|------|-----|------|-----|------|-----|------|-------|-----|----|------|-----|
| BRW104160 | 688  | 3.91 | 3.7   | 0.3 | 0.9   | 2.3  | 38  | 0.05 | 0.1 | 0.05 | 107 | 2.16 | 0.109 | 9   | 33 | 1.53 | 300 |
| BRW104161 | 929  | 5.11 | 4.5   | 0.4 | 2.3   | 1.8  | 26  | 0.3  | 0.2 | 0.05 | 128 | 0.93 | 0.108 | 12  | 27 | 1.29 | 402 |
| BRW104163 | 495  | 2.85 | 8.8   | 1.1 | 3.1   | 3.6  | 33  | 0.2  | 0.7 | 0.2  | 76  | 0.7  | 0.071 | 14  | 32 | 0.63 | 306 |
| BRW104164 | 503  | 2.99 | 7.5   | 0.9 | 3.3   | 3.5  | 31  | 0.2  | 0.6 | 0.1  | 77  | 0.71 | 0.063 | 15  | 36 | 0.66 | 344 |
| BRW104171 | 776  | 4.89 | 3.7   | 0.3 | 0.25  | 1.5  | 77  | 0.05 | 0.2 | 0.05 | 131 | 4.63 | 0.069 | 5   | 32 | 1.51 | 262 |
| BRW104230 | 541  | 5.22 | 10.1  | 3.3 | 3.9   | 17.6 | 15  | 0.1  | 0.7 | 0.2  | 57  | 0.29 | 0.092 | 50  | 30 | 0.47 | 266 |
| BRW104231 | 305  | 3.13 | 11.3  | 0.8 | 5.8   | 7.4  | 27  | 0.1  | 0.6 | 0.2  | 67  | 0.41 | 0.053 | 20  | 39 | 0.64 | 288 |
| BRW104232 | 623  | 2.73 | 5.1   | 1   | 0.9   | 4.8  | 26  | 0.3  | 0.5 | 0.2  | 37  | 0.31 | 0.039 | 13  | 18 | 0.3  | 544 |
| BRW104258 | 461  | 4.18 | 5.7   | 0.6 | 0.7   | 6.2  | 19  | 0.1  | 0.2 | 0.05 | 74  | 0.48 | 0.145 | 28  | 42 | 1.12 | 188 |
| BRW104259 | 385  | 4.77 | 4.1   | 1.3 | 1.7   | 12.9 | 13  | 0.2  | 0.2 | 0.1  | 95  | 0.45 | 0.086 | 21  | 60 | 1.17 | 457 |
| BRW104260 | 424  | 3.84 | 8.1   | 0.6 | 1.4   | 7    | 17  | 0.1  | 0.1 | 0.05 | 82  | 0.37 | 0.082 | 18  | 53 | 0.93 | 365 |
| BRW104261 | 378  | 4.91 | 7.3   | 0.5 | 8     | 11.4 | 14  | 0.05 | 0.3 | 0.05 | 97  | 0.23 | 0.054 | 18  | 61 | 1.32 | 305 |
| BRW104263 | 451  | 4.62 | 6.6   | 0.5 | 2     | 10.2 | 23  | 0.05 | 0.3 | 0.05 | 92  | 0.56 | 0.116 | 28  | 82 | 1.58 | 383 |
| BRW104264 | 610  | 5.47 | 4.2   | 0.7 | 1.3   | 12.9 | 16  | 0.05 | 0.3 | 0.05 | 102 | 0.33 | 0.069 | 35  | 55 | 1.58 | 341 |
| BRW104305 | 381  | 3.55 | 12.7  | 0.8 | 3.5   | 6.7  | 33  | 0.1  | 0.6 | 0.1  | 70  | 0.54 | 0.061 | 17  | 42 | 0.54 | 285 |
| BRW104310 | 667  | 5.75 | 2.4   | 1.4 | 4.2   | 14.6 | 32  | 0.05 | 0.2 | 0.1  | 72  | 0.64 | 0.045 | 61  | 70 | 1.35 | 376 |
| BRW104311 | 314  | 3.38 | 8.5   | 0.7 | 1.9   | 11.4 | 27  | 0.05 | 0.5 | 0.1  | 61  | 0.35 | 0.031 | 32  | 52 | 0.78 | 307 |
| BRW104452 | 449  | 2.5  | 9.6   | 0.7 | 2.1   | 4.3  | 66  | 0.3  | 0.7 | 0.2  | 50  | 1.69 | 0.082 | 13  | 30 | 0.84 | 271 |
| BRW104453 | 434  | 2.61 | 8.7   | 0.7 | 3.3   | 3.3  | 50  | 0.2  | 0.7 | 0.1  | 55  | 1.05 | 0.065 | 13  | 31 | 0.71 | 340 |
| BRW104457 | 849  | 4.03 | 8.7   | 1   | 2     | 10.8 | 22  | 0.05 | 0.4 | 0.1  | 50  | 0.37 | 0.026 | 25  | 43 | 0.43 | 202 |
| BRW104461 | 451  | 4.58 | 5.8   | 0.7 | 10.9  | 9.5  | 27  | 0.1  | 0.5 | 0.05 | 77  | 0.52 | 0.062 | 32  | 25 | 0.79 | 580 |
| BRW104462 | 787  | 4.87 | 20.7  | 0.6 | 2.7   | 15.2 | 19  | 0.1  | 1.2 | 0.05 | 77  | 0.37 | 0.025 | 29  | 80 | 1.21 | 406 |
| BRW104466 | 1296 | 4.87 | 1.3   | 1.1 | 3.2   | 19.5 | 16  | 0.05 | 0.2 | 0.05 | 73  | 0.28 | 0.054 | 47  | 53 | 1.13 | 296 |
| BRW104472 | 623  | 5.15 | 5.3   | 1.4 | 0.25  | 101  | 13  | 0.05 | 0.2 | 0.05 | 86  | 0.33 | 0.135 | 111 | 41 | 1.18 | 473 |
| BRW104473 | 488  | 6.73 | 3.9   | 1.4 | 15.3  | 95.2 | 20  | 0.05 | 0.2 | 0.05 | 88  | 0.53 | 0.144 | 256 | 19 | 1.81 | 999 |
| BRW104483 | 400  | 4.09 | 8.5   | 0.6 | 0.9   | 3.6  | 16  | 0.05 | 0.4 | 0.05 | 101 | 0.34 | 0.084 | 13  | 42 | 1.34 | 256 |
| BRW104484 | 991  | 6.15 | 8     | 1.1 | 1.8   | 27.9 | 15  | 0.1  | 0.3 | 0.1  | 118 | 0.38 | 0.088 | 67  | 58 | 1.13 | 441 |
| BRW104485 | 578  | 4.32 | 9.9   | 1   | 1.3   | 27.8 | 16  | 0.05 | 0.4 | 0.05 | 84  | 0.25 | 0.032 | 74  | 44 | 0.52 | 320 |
| BRW104486 | 584  | 4.39 | 8.7   | 1   | 7.2   | 4.1  | 27  | 0.1  | 0.4 | 0.05 | 82  | 0.8  | 0.185 | 19  | 32 | 1.13 | 267 |
| BRW108002 | 257  | 3.7  | 121.7 | 1.1 | 4     | 6.6  | 16  | 0.3  | 3.2 | 0.1  | 59  | 0.2  | 0.056 | 19  | 36 | 0.45 | 202 |
| BRW108002 | 264  | 3.82 | 124.6 | 1.1 | 3.1   | 6.6  | 17  | 0.2  | 3.2 | 0.1  | 61  | 0.21 | 0.056 | 19  | 36 | 0.47 | 212 |
| BRW108015 | 613  | 4.43 | 26.4  | 1.2 | 4.4   | 12.3 | 36  | 0.1  | 0.4 | 0.05 | 59  | 0.16 | 0.046 | 22  | 52 | 0.18 | 214 |
| BRW108017 | 755  | 5.02 | 15.2  | 1.1 | 0.25  | 14.8 | 18  | 0.05 | 0.4 | 0.1  | 98  | 0.56 | 0.117 | 66  | 61 | 1.25 | 343 |
| BRW108018 | 282  | 3.61 | 14.5  | 0.7 | 1.7   | 12.3 | 20  | 0.05 | 0.6 | 0.2  | 57  | 0.28 | 0.032 | 18  | 42 | 0.79 | 214 |
| BRW108019 | 444  | 3.78 | 7     | 1.2 | 5.7   | 17.6 | 21  | 0.05 | 0.3 | 0.05 | 67  | 0.37 | 0.03  | 52  | 58 | 1.28 | 289 |
| BRW108021 | 801  | 4.76 | 9.4   | 0.9 | 8.3   | 12.9 | 25  | 0.3  | 1.6 | 0.1  | 61  | 0.4  | 0.059 | 31  | 44 | 0.59 | 402 |
| BRW108022 | 926  | 5.26 | 17    | 1.1 | 7.3   | 9.7  | 28  | 0.2  | 0.8 | 0.1  | 66  | 0.39 | 0.075 | 23  | 35 | 0.33 | 611 |
| BRW108023 | 722  | 5.86 | 4.9   | 1   | 3.4   | 17.4 | 22  | 0.1  | 0.3 | 0.05 | 99  | 0.35 | 0.052 | 37  | 87 | 0.98 | 699 |
| BRW108024 | 266  | 2.64 | 10.6  | 0.5 | 4.4   | 4.6  | 22  | 0.05 | 0.6 | 0.1  | 55  | 0.28 | 0.028 | 12  | 33 | 0.53 | 301 |
| BRW108032 | 208  | 2.67 | 7.8   | 0.3 | 0.6   | 4    | 20  | 0.05 | 0.3 | 0.05 | 72  | 0.41 | 0.051 | 8   | 48 | 0.85 | 256 |
| BRW108045 | 153  | 3.76 | 20.1  | 0.7 | 1     | 9.9  | 17  | 0.05 | 2.8 | 0.1  | 35  | 0.13 | 0.036 | 34  | 19 | 0.09 | 367 |
| BRW108046 | 777  | 4.4  | 8.9   | 0.9 | 8     | 4.7  | 21  | 0.05 | 1.7 | 0.2  | 66  | 0.51 | 0.025 | 14  | 50 | 0.52 | 306 |
| BRW108048 | 525  | 2.73 | 6.8   | 0.9 | 1.5   | 6.3  | 22  | 0.2  | 0.5 | 0.2  | 39  | 0.31 | 0.039 | 15  | 26 | 0.37 | 303 |
| BRW108049 | 592  | 2.71 | 6     | 1.1 | 2.7   | 6.5  | 28  | 0.2  | 0.6 | 0.2  | 34  | 0.37 | 0.044 | 15  | 21 | 0.37 | 378 |
| BRW108051 | 335  | 2.88 | 10.8  | 0.6 | 3.8   | 4.8  | 20  | 0.1  | 0.7 | 0.2  | 60  | 0.3  | 0.045 | 13  | 41 | 0.49 | 210 |
| BRW108055 | 252  | 2.7  | 7.5   | 0.5 | 1.7   | 3.1  | 21  | 0.05 | 0.9 | 0.2  | 54  | 0.32 | 0.019 | 9   | 34 | 0.45 | 236 |
| BRW108060 | 629  | 4.43 | 12    | 1.8 | 197.1 | 12.1 | 23  | 0.05 | 1.8 | 0.5  | 52  | 0.24 | 0.056 | 41  | 32 | 0.39 | 173 |
| BRW108061 | 513  | 3.56 | 23.9  | 1.7 | 7.1   | 6.4  | 15  | 0.1  | 1.9 | 0.5  | 68  | 0.14 | 0.025 | 18  | 35 | 0.45 | 159 |
| BRW108062 | 540  | 3.28 | 11.2  | 1.2 | 6.9   | 6    | 24  | 0.2  | 0.9 | 0.2  | 51  | 0.58 | 0.082 | 17  | 32 | 0.54 | 292 |
| BRW108063 | 334  | 3.05 | 12.7  | 0.9 | 3.5   | 6.7  | 23  | 0.05 | 0.9 | 0.2  | 70  | 0.32 | 0.032 | 20  | 37 | 0.57 | 241 |
| BRW108064 | 354  | 2.84 | 13.4  | 1.3 | 2     | 5.5  | 20  | 0.2  | 0.9 | 0.2  | 51  | 0.35 | 0.045 | 11  | 27 | 0.24 | 337 |
| BRW108087 | 625  | 4.69 | 3.2   | 0.6 | 1.1   | 3.9  | 20  | 0.05 | 0.1 | 0.05 | 98  | 0.61 | 0.156 | 19  | 39 | 1.29 | 204 |
| BRW108088 | 536  | 4.81 | 5     | 0.9 | 1.8   | 9    | 19  | 0.1  | 0.2 | 0.05 | 69  | 0.53 | 0.195 | 44  | 27 | 0.82 | 213 |
| BRW108090 | 290  | 3.28 | 10    | 0.8 | 12.4  | 6    | 19  | 0.05 | 0.3 | 0.1  | 59  | 0.32 | 0.059 | 18  | 33 | 0.58 | 223 |
| BRW108090 | 289  | 3.34 | 9.9   | 0.8 | 2.3   | 6.1  | 20  | 0.05 | 0.4 | 0.1  | 59  | 0.34 | 0.062 | 19  | 34 | 0.59 | 231 |
| BRW108093 | 599  | 6.38 | 6.7   | 0.7 | 1     | 6.6  | 13  | 0.05 | 0.2 | 0.05 | 144 | 0.18 | 0.021 | 14  | 94 | 1.39 | 514 |
| BRW108285 | 319  | 3.72 | 20.1  | 1   | 5.6   | 8.2  | 22  | 0.05 | 1   | 0.2  | 72  | 0.32 | 0.017 | 24  | 47 | 0.64 | 228 |
| BRW108286 | 621  | 3.26 | 11.7  | 0.7 | 4.3   | 5.5  | 18  | 0.2  | 5.1 | 0.2  | 51  | 0.34 | 0.032 | 19  | 54 | 0.39 | 470 |
| BRW108287 | 559  | 3.23 | 12    | 0.7 | 1.9   | 3.8  | 29  | 0.2  | 0.8 | 0.2  | 65  | 0.42 | 0.033 | 12  | 49 | 0.47 | 303 |
| BRW108287 | 572  | 3.25 | 12.1  | 0.8 | 1.3   | 3.8  | 29  | 0.1  | 0.8 | 0.2  | 67  | 0.42 | 0.034 | 13  | 50 | 0.48 | 305 |
| BRW108290 | 382  | 2.49 | 10.6  | 0.6 | 8.7   | 2.1  | 99  | 0.2  | 0.9 | 0.1  | 51  | 5.19 | 0.053 | 11  | 31 | 0.72 | 358 |
| BRW108311 | 517  | 2.27 | 6.7   | 2.5 | 3.1   | 2.3  | 67  | 0.2  | 1.1 | 0.1  | 42  | 1.44 | 0.049 | 14  | 28 | 0.42 | 303 |
| BRW90195  | 1030 | 5.06 | 37.3  | 0.4 | 0.25  | 4.4  | 101 | 0.05 | 0.9 | 0.05 | 121 | 3.67 | 0.103 | 11  | 13 | 2.37 | 115 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW104160 | 0.074 | 3   | 2.33 | 0.028 | 0.18 | 0.05 | 0.01  | 6.5  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW104161 | 0.082 | 2   | 2.3  | 0.052 | 0.24 | 0.05 | 0.01  | 9.1  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW104163 | 0.084 | 2   | 1.56 | 0.027 | 0.05 | 0.05 | 0.05  | 4.7  | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000122 |
| BRW104164 | 0.082 | 2   | 1.86 | 0.022 | 0.06 | 0.1  | 0.04  | 5.4  | 0.05 | 0.025 | 6  | 0.6  | 1DX15  | WHI10000122 |
| BRW104171 | 0.022 | 2   | 2.9  | 0.029 | 0.13 | 0.05 | 0.01  | 11.2 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW104230 | 0.075 | 2   | 1.5  | 0.007 | 0.54 | 0.05 | 0.07  | 5.2  | 0.5  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000122 |
| BRW104231 | 0.099 | 2   | 1.67 | 0.019 | 0.19 | 0.2  | 0.03  | 5.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW104232 | 0.032 | 2   | 1.29 | 0.012 | 0.23 | 0.1  | 0.02  | 5.2  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW104258 | 0.176 | 2   | 2.34 | 0.012 | 0.84 | 0.1  | 0.02  | 5.6  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW104259 | 0.119 | 1   | 2.48 | 0.008 | 0.75 | 0.05 | 0.01  | 4.8  | 0.4  | 0.025 | 9  | 0.8  | 1DX15  | WHI10000122 |
| BRW104260 | 0.157 | 2   | 2.22 | 0.011 | 0.62 | 0.05 | 0.02  | 6.2  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW104261 | 0.239 | 2   | 3.02 | 0.013 | 0.86 | 0.1  | 0.01  | 4.3  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW104263 | 0.169 | 0.5 | 2.86 | 0.013 | 1.15 | 0.05 | 0.03  | 8.1  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW104264 | 0.269 | 0.5 | 3.04 | 0.013 | 1.35 | 0.1  | 0.02  | 9.6  | 0.6  | 0.025 | 12 | 0.6  | 1DX15  | WHI10000122 |
| BRW104305 | 0.081 | 1   | 1.85 | 0.018 | 0.1  | 0.1  | 0.02  | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW104310 | 0.097 | 0.5 | 2.56 | 0.025 | 0.54 | 0.05 | 0.02  | 7.7  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW104311 | 0.107 | 2   | 2.08 | 0.012 | 0.39 | 0.05 | 0.005 | 6    | 0.2  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000122 |
| BRW104452 | 0.078 | 2   | 1.2  | 0.035 | 0.11 | 0.2  | 0.02  | 3.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW104453 | 0.08  | 2   | 1.42 | 0.033 | 0.07 | 0.1  | 0.03  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW104457 | 0.04  | 2   | 1.5  | 0.011 | 0.19 | 0.1  | 0.03  | 4.2  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW104461 | 0.159 | 0.5 | 1.91 | 0.013 | 0.73 | 0.1  | 0.03  | 8.4  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW104462 | 0.172 | 0.5 | 2.34 | 0.013 | 0.87 | 0.05 | 0.02  | 8.1  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW104466 | 0.116 | 0.5 | 1.95 | 0.01  | 0.79 | 0.05 | 0.02  | 6.5  | 0.6  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000122 |
| BRW104472 | 0.156 | 2   | 2.1  | 0.01  | 1.04 | 0.05 | 0.005 | 9.3  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW104473 | 0.25  | 1   | 3.62 | 0.01  | 1.48 | 0.1  | 0.005 | 8    | 0.4  | 0.025 | 16 | 0.25 | 1DX15  | WHI10000122 |
| BRW104483 | 0.178 | 0.5 | 2.35 | 0.014 | 1.07 | 0.1  | 0.01  | 7.4  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW104484 | 0.229 | 1   | 2.35 | 0.012 | 1.26 | 0.1  | 0.04  | 11.4 | 0.6  | 0.025 | 10 | 0.7  | 1DX15  | WHI10000122 |
| BRW104485 | 0.068 | 1   | 1.67 | 0.01  | 0.34 | 0.05 | 0.01  | 7.8  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000122 |
| BRW104486 | 0.172 | 2   | 2.1  | 0.025 | 0.72 | 0.2  | 0.02  | 5.6  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |
| BRW108002 | 0.051 | 2   | 1.24 | 0.007 | 0.23 | 0.05 | 0.02  | 4.6  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW108002 | 0.052 | 2   | 1.26 | 0.008 | 0.25 | 0.05 | 0.03  | 4.7  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW108015 | 0.007 | 1   | 0.56 | 0.004 | 0.13 | 0.05 | 0.05  | 9    | 0.05 | 0.025 | 2  | 1.1  | 1DX15  | WHI10000122 |
| BRW108017 | 0.103 | 1   | 2.68 | 0.009 | 0.84 | 0.05 | 0.01  | 11.4 | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW108018 | 0.104 | 1   | 1.94 | 0.014 | 0.54 | 0.1  | 0.005 | 5    | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW108019 | 0.104 | 1   | 2.4  | 0.014 | 0.52 | 0.05 | 0.02  | 5.9  | 0.3  | 0.025 | 8  | 0.8  | 1DX15  | WHI10000122 |
| BRW108021 | 0.075 | 2   | 1.37 | 0.011 | 0.42 | 0.05 | 0.04  | 13.3 | 0.3  | 0.025 | 6  | 1    | 1DX15  | WHI10000122 |
| BRW108022 | 0.016 | 1   | 1.05 | 0.008 | 0.23 | 0.05 | 0.04  | 10.3 | 0.2  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000122 |
| BRW108023 | 0.107 | 1   | 2.14 | 0.01  | 0.83 | 0.05 | 0.02  | 11.2 | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000122 |
| BRW108024 | 0.076 | 1   | 1.46 | 0.013 | 0.07 | 0.1  | 0.02  | 4.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW108032 | 0.079 | 1   | 1.6  | 0.016 | 0.31 | 0.05 | 0.005 | 3.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW108045 | 0.004 | 1   | 0.54 | 0.008 | 0.13 | 0.05 | 0.01  | 3.1  | 0.05 | 0.08  | 2  | 0.6  | 1DX15  | WHI10000122 |
| BRW108046 | 0.053 | 2   | 1.5  | 0.013 | 0.19 | 0.2  | 0.06  | 15.7 | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000122 |
| BRW108048 | 0.064 | 2   | 1.38 | 0.012 | 0.3  | 0.1  | 0.01  | 5.1  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW108049 | 0.055 | 2   | 1.36 | 0.012 | 0.31 | 0.1  | 0.005 | 5.1  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW108051 | 0.079 | 2   | 1.53 | 0.013 | 0.17 | 0.2  | 0.02  | 5.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW108055 | 0.057 | 1   | 1.46 | 0.012 | 0.14 | 0.2  | 0.01  | 3.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW108060 | 0.021 | 2   | 1.19 | 0.005 | 0.35 | 0.1  | 0.07  | 10.3 | 0.2  | 0.025 | 5  | 1.2  | 1DX15  | WHI10000122 |
| BRW108061 | 0.057 | 1   | 1.63 | 0.009 | 0.13 | 0.1  | 0.05  | 7.6  | 0.3  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000122 |
| BRW108062 | 0.065 | 3   | 1.17 | 0.015 | 0.29 | 0.3  | 0.11  | 6.1  | 0.2  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000122 |
| BRW108063 | 0.099 | 0.5 | 1.61 | 0.018 | 0.26 | 0.1  | 0.04  | 5.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW108064 | 0.019 | 1   | 1.14 | 0.007 | 0.12 | 0.05 | 0.02  | 3.7  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW108087 | 0.128 | 2   | 2.41 | 0.019 | 0.65 | 0.05 | 0.005 | 8    | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000122 |
| BRW108088 | 0.161 | 1   | 2.34 | 0.011 | 1    | 0.05 | 0.01  | 8.4  | 0.6  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000122 |
| BRW108090 | 0.106 | 1   | 1.73 | 0.013 | 0.23 | 0.1  | 0.02  | 4.9  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW108090 | 0.107 | 1   | 1.8  | 0.011 | 0.24 | 0.1  | 0.02  | 5.1  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000122 |
| BRW108093 | 0.346 | 1   | 3.29 | 0.014 | 1.57 | 0.05 | 0.005 | 7.5  | 0.7  | 0.025 | 12 | 0.8  | 1DX15  | WHI10000122 |
| BRW108285 | 0.09  | 2   | 1.9  | 0.013 | 0.15 | 0.1  | 0.04  | 8.5  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000122 |
| BRW108286 | 0.032 | 4   | 1.42 | 0.009 | 0.24 | 0.1  | 0.09  | 8.1  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000122 |
| BRW108287 | 0.061 | 2   | 1.82 | 0.013 | 0.16 | 0.2  | 0.04  | 6.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW108287 | 0.065 | 2   | 1.87 | 0.014 | 0.16 | 0.2  | 0.05  | 6.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW108290 | 0.065 | 3   | 1.61 | 0.032 | 0.08 | 0.2  | 0.11  | 3.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW108311 | 0.052 | 3   | 1.3  | 0.02  | 0.09 | 0.2  | 0.06  | 3.8  | 0.05 | 0.06  | 4  | 1    | 1DX15  | WHI10000122 |
| BRW90195  | 0.121 | 2   | 3.04 | 0.005 | 0.08 | 0.05 | 0.05  | 5.7  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000122 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW90199  | Soil | 597323     | 7004855    | 07V      | 1.3  | 21.9  | 12.9 | 94  | 0.3  | 25.2  | 12.9 |
| BRW92273  | Soil | 595712     | 7005621    | 07V      | 0.6  | 208.9 | 5.2  | 64  | 0.05 | 21.7  | 23.1 |
| BRW92281  | Soil | 595987     | 7005837    | 07V      | 6.2  | 82    | 8.6  | 204 | 0.9  | 83.8  | 13.6 |
| BRW92283  | Soil | 596066     | 7005898    | 07V      | 1.5  | 16.5  | 16.7 | 63  | 0.05 | 12.4  | 7.1  |
| BRW93747  | Soil | 596631     | 7004690    | 07V      | 0.3  | 35.8  | 5.3  | 50  | 0.05 | 20    | 13.2 |
| BRW93748  | Soil | 596591     | 7004661    | 07V      | 0.3  | 62.3  | 3    | 59  | 0.05 | 36.6  | 21.1 |
| BRW93799  | Soil | 596356     | 7004475    | 07V      | 0.7  | 58.2  | 4.8  | 102 | 0.05 | 141   | 27.8 |
| BRW93979  | Soil | 597440     | 7004950    | 07V      | 1.7  | 35.4  | 9.6  | 72  | 0.05 | 30    | 10.2 |
| BRW93981  | Soil | 597518     | 7005012    | 07V      | 3    | 73.1  | 15.3 | 127 | 0.05 | 99    | 21.7 |
| BRW93998  | Soil | 597678     | 7005131    | 07V      | 4.1  | 44.1  | 13.1 | 73  | 0.1  | 60.3  | 23.4 |
| BRW94000  | Soil | 597757     | 7005193    | 07V      | 1.4  | 39.4  | 5.6  | 69  | 0.05 | 45.1  | 15.5 |
| BRW100652 | Soil | 597796     | 7005224    | 07V      | 1.2  | 24.6  | 4.6  | 116 | 0.05 | 20    | 15.2 |
| BRW100657 | Soil | 597997     | 7005378    | 07V      | 0.8  | 43    | 6.9  | 92  | 0.05 | 25.1  | 17.3 |
| BRW100659 | Soil | 598073     | 7005439    | 07V      | 1.2  | 27.2  | 11.6 | 85  | 0.05 | 20    | 12.6 |
| BRW100661 | Soil | 598154     | 7005501    | 07V      | 1    | 51.7  | 13.4 | 123 | 0.05 | 28.2  | 22   |
| BRW100663 | Soil | 598233     | 7005562    | 07V      | 0.9  | 20.3  | 11.1 | 86  | 0.05 | 15.5  | 10.5 |
| BRW100664 | Soil | 598272     | 7005593    | 07V      | 0.9  | 25.5  | 9.9  | 128 | 0.05 | 40.1  | 15.6 |
| BRW100664 | REP  | 598272     | 7005593    | 07V      | 0.9  | 25.7  | 9.8  | 126 | 0.05 | 39    | 15.8 |
| BRW100667 | Soil | 596011     | 7004584    | 07V      | 0.4  | 37    | 6.4  | 52  | 0.1  | 23.5  | 13.3 |
| BRW100668 | Soil | 596050     | 7004617    | 07V      | 0.7  | 39.9  | 6.4  | 63  | 0.1  | 27    | 14   |
| BRW100674 | Soil | 596286     | 7004800    | 07V      | 0.6  | 21.7  | 5.5  | 60  | 0.05 | 18.6  | 11.9 |
| BRW100677 | Soil | 596406     | 7004893    | 07V      | 1    | 26.2  | 7.3  | 55  | 0.1  | 19.6  | 11.5 |
| BRW100679 | Soil | 596484     | 7004955    | 07V      | 0.7  | 36.5  | 7.5  | 59  | 0.05 | 26.6  | 11   |
| BRW100681 | Soil | 596564     | 7005017    | 07V      | 0.7  | 24.6  | 6.5  | 61  | 0.05 | 25.5  | 10.9 |
| BRW100682 | Soil | 596603     | 7005049    | 07V      | 0.5  | 20.3  | 5.4  | 56  | 0.05 | 19.7  | 9.9  |
| BRW100687 | Soil | 596529     | 7005248    | 07V      | 2    | 62.4  | 4.9  | 111 | 0.05 | 58.8  | 20   |
| BRW100687 | REP  | 596529     | 7005248    | 07V      | 1.9  | 66.1  | 5    | 116 | 0.05 | 59.2  | 20.5 |
| BRW100689 | Soil | 596490     | 7005217    | 07V      | 0.9  | 44.8  | 5    | 90  | 0.05 | 16.1  | 21.5 |
| BRW100690 | Soil | 596449     | 7005187    | 07V      | 2    | 68.9  | 3.5  | 123 | 0.05 | 30.3  | 29.4 |
| BRW100691 | Soil | 596373     | 7005123    | 07V      | 1.5  | 78    | 5.1  | 93  | 0.1  | 21.2  | 22   |
| BRW100694 | Soil | 596294     | 7005063    | 07V      | 0.8  | 38.4  | 5.4  | 55  | 0.05 | 29.2  | 12.5 |
| BRW100812 | Soil | 597106     | 7004806    | 07V      | 10.1 | 133.4 | 2.5  | 247 | 0.05 | 116   | 18   |
| BRW100813 | Soil | 597147     | 7004835    | 07V      | 1    | 53    | 6    | 75  | 0.05 | 42.7  | 17.2 |
| BRW100816 | Soil | 597263     | 7004932    | 07V      | 3.5  | 67    | 16.2 | 106 | 0.05 | 44.5  | 13.2 |
| BRW100817 | Soil | 597304     | 7004962    | 07V      | 0.5  | 34.2  | 15.6 | 120 | 0.05 | 37.1  | 15.8 |
| BRW100818 | Soil | 597341     | 7004992    | 07V      | 1.6  | 39.3  | 10.5 | 57  | 0.05 | 25    | 7.7  |
| BRW100821 | Soil | 597420     | 7005057    | 07V      | 5.7  | 35.4  | 24.1 | 193 | 0.1  | 31    | 12.7 |
| BRW100822 | Soil | 597459     | 7005088    | 07V      | 2.8  | 67.9  | 2.7  | 32  | 0.05 | 97.9  | 32.8 |
| BRW100823 | Soil | 597498     | 7005118    | 07V      | 0.9  | 48    | 5.9  | 45  | 0.05 | 190.9 | 25.2 |
| BRW100824 | Soil | 597535     | 7005152    | 07V      | 1    | 65.1  | 5.3  | 73  | 0.05 | 54.9  | 22.9 |
| BRW100825 | Soil | 597577     | 7005181    | 07V      | 8.8  | 58.3  | 8.8  | 76  | 0.1  | 49.7  | 20.2 |
| BRW100825 | REP  | 597577     | 7005181    | 07V      | 9    | 57.9  | 8.5  | 77  | 0.1  | 50.3  | 19.9 |
| BRW100826 | Soil | 597617     | 7005213    | 07V      | 2.8  | 50.3  | 14   | 111 | 0.1  | 50    | 16.4 |
| BRW100827 | Soil | 597655     | 7005241    | 07V      | 2    | 40.3  | 10.5 | 80  | 0.2  | 41.6  | 14.8 |
| BRW100829 | Soil | 597735     | 7005303    | 07V      | 1.3  | 42.7  | 4.2  | 93  | 0.05 | 46.4  | 16.9 |
| BRW100831 | Soil | 597815     | 7005366    | 07V      | 1.1  | 54.3  | 12   | 111 | 0.05 | 24.1  | 15.8 |
| BRW100833 | Soil | 597892     | 7005427    | 07V      | 0.8  | 33.8  | 8.5  | 72  | 0.1  | 31.7  | 13.4 |
| BRW100836 | Soil | 598012     | 7005519    | 07V      | 1.2  | 36    | 7.6  | 107 | 0.05 | 19.5  | 16.4 |
| BRW100846 | Soil | 595274     | 7005528    | 07V      | 0.4  | 52.6  | 4.2  | 102 | 0.05 | 44.2  | 32   |
| BRW100847 | Soil | 595313     | 7005560    | 07V      | 1.5  | 58.1  | 24.9 | 153 | 0.1  | 47.8  | 22.3 |
| BRW100848 | Soil | 595352     | 7005589    | 07V      | 1.6  | 52.4  | 7.1  | 104 | 0.05 | 15.6  | 17.8 |
| BRW100849 | Soil | 595392     | 7005620    | 07V      | 0.8  | 74    | 3.2  | 110 | 0.05 | 12.6  | 16.7 |
| BRW100850 | Soil | 596659     | 7005219    | 07V      | 0.3  | 48.5  | 6.2  | 82  | 0.05 | 40.7  | 28.7 |
| BRW100852 | Soil | 596730     | 7005276    | 07V      | 0.7  | 35.4  | 8    | 62  | 0.05 | 23.4  | 13.7 |
| BRW100853 | Soil | 596771     | 7005309    | 07V      | 0.6  | 28.1  | 6.5  | 65  | 0.05 | 22.2  | 9.2  |
| BRW100854 | Soil | 596854     | 7005368    | 07V      | 1    | 38.1  | 7.7  | 66  | 0.1  | 26    | 10.9 |
| BRW100855 | Soil | 596889     | 7005399    | 07V      | 0.8  | 32.6  | 9.1  | 73  | 0.05 | 25.7  | 13   |
| BRW100855 | REP  | 596889     | 7005399    | 07V      | 0.7  | 31.8  | 8.8  | 72  | 0.05 | 25.8  | 12.6 |
| BRW100856 | Soil | 596968     | 7005464    | 07V      | 1    | 29.4  | 8.3  | 69  | 0.1  | 25    | 10.8 |
| BRW100858 | Soil | 597047     | 7005522    | 07V      | 0.9  | 32.5  | 7.3  | 68  | 0.05 | 27.2  | 12.4 |
| BRW100859 | Soil | 597091     | 7005558    | 07V      | 1    | 27.1  | 8.2  | 60  | 0.05 | 21.8  | 10.2 |
| BRW100864 | Soil | 597329     | 7005743    | 07V      | 0.9  | 40.4  | 7.5  | 123 | 0.05 | 65.8  | 27.5 |
| BRW100922 | Soil | 597305     | 7006741    | 07V      | 3.3  | 47.1  | 15.3 | 68  | 0.05 | 23.1  | 9.5  |

| SampleID  | Mn   | Fe   | As_  | U   | Au    | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|-------|------|-----|------|------|------|-----|------|-------|-----|-----|------|-----|
| BRW90199  | 865  | 3.2  | 11.1 | 0.5 | 0.8   | 3.6  | 21  | 0.5  | 0.5  | 0.2  | 76  | 0.3  | 0.077 | 8   | 37  | 0.59 | 303 |
| BRW92273  | 652  | 4.85 | 4.8  | 0.6 | 3.4   | 2.1  | 49  | 0.05 | 0.4  | 0.1  | 132 | 0.8  | 0.052 | 7   | 34  | 1.21 | 255 |
| BRW92281  | 372  | 2.99 | 77.1 | 1   | 3.4   | 6.3  | 31  | 0.9  | 0.8  | 0.1  | 132 | 0.7  | 0.17  | 18  | 53  | 0.35 | 509 |
| BRW92283  | 620  | 3.41 | 11.9 | 1.4 | 1.3   | 62.4 | 17  | 0.2  | 0.4  | 0.2  | 38  | 0.24 | 0.042 | 170 | 21  | 0.21 | 196 |
| BRW93747  | 271  | 2.68 | 3.5  | 0.6 | 1.5   | 2.9  | 50  | 0.05 | 0.2  | 0.05 | 81  | 0.64 | 0.051 | 10  | 27  | 0.81 | 206 |
| BRW93748  | 561  | 3.89 | 2.2  | 0.3 | 0.25  | 1.7  | 61  | 0.1  | 0.2  | 0.05 | 114 | 0.98 | 0.077 | 6   | 75  | 1.51 | 300 |
| BRW93799  | 588  | 6.48 | 8.9  | 1   | 0.8   | 5.2  | 34  | 0.7  | 0.1  | 0.05 | 200 | 0.79 | 0.163 | 27  | 227 | 1.71 | 661 |
| BRW93979  | 232  | 3.14 | 6.6  | 1.1 | 1.3   | 7.1  | 22  | 0.05 | 0.4  | 0.1  | 77  | 0.22 | 0.029 | 21  | 41  | 0.67 | 275 |
| BRW93981  | 676  | 5.35 | 17.5 | 1.4 | 2.3   | 16   | 21  | 0.1  | 0.4  | 0.05 | 90  | 0.23 | 0.031 | 57  | 86  | 1.03 | 464 |
| BRW93998  | 620  | 4.12 | 14.3 | 0.7 | 3.9   | 6.6  | 25  | 0.05 | 0.7  | 0.2  | 89  | 0.48 | 0.045 | 21  | 105 | 0.67 | 270 |
| BRW94000  | 414  | 4.65 | 3    | 1   | 0.8   | 15.8 | 17  | 0.05 | 0.3  | 0.05 | 54  | 0.3  | 0.051 | 35  | 55  | 1.02 | 277 |
| BRW100652 | 401  | 4.8  | 3.2  | 0.7 | 2.8   | 11.2 | 24  | 0.05 | 0.2  | 0.05 | 93  | 0.59 | 0.111 | 33  | 44  | 1.6  | 573 |
| BRW100657 | 595  | 3.82 | 4.1  | 0.6 | 1.6   | 6.9  | 19  | 0.1  | 0.2  | 0.05 | 73  | 0.33 | 0.046 | 30  | 47  | 1.14 | 405 |
| BRW100659 | 413  | 3.6  | 7.4  | 0.7 | 3.4   | 7.1  | 19  | 0.05 | 0.4  | 0.1  | 71  | 0.29 | 0.038 | 25  | 41  | 0.87 | 264 |
| BRW100661 | 818  | 4.63 | 9    | 0.7 | 0.25  | 8.7  | 13  | 0.05 | 0.2  | 0.1  | 119 | 0.48 | 0.173 | 15  | 35  | 1.37 | 343 |
| BRW100663 | 402  | 3.78 | 6.2  | 0.8 | 1     | 6.3  | 18  | 0.05 | 0.4  | 0.1  | 70  | 0.27 | 0.044 | 21  | 36  | 0.82 | 241 |
| BRW100664 | 396  | 4.04 | 5.2  | 0.9 | 1.9   | 10.1 | 23  | 0.1  | 0.3  | 0.1  | 68  | 0.32 | 0.059 | 28  | 60  | 1.06 | 500 |
| BRW100664 | 388  | 3.97 | 5.1  | 0.9 | 2     | 10   | 23  | 0.05 | 0.3  | 0.1  | 68  | 0.32 | 0.056 | 28  | 59  | 1.07 | 505 |
| BRW100667 | 333  | 2.81 | 7.2  | 0.9 | 3.1   | 3    | 39  | 0.2  | 0.4  | 0.1  | 72  | 0.78 | 0.072 | 13  | 34  | 0.65 | 296 |
| BRW100668 | 418  | 3.04 | 7.8  | 1.2 | 2.6   | 3.4  | 35  | 0.2  | 0.5  | 0.1  | 88  | 0.7  | 0.076 | 15  | 40  | 0.75 | 319 |
| BRW100674 | 631  | 2.81 | 7.3  | 0.6 | 1.6   | 2.6  | 36  | 0.1  | 0.3  | 0.05 | 76  | 0.84 | 0.093 | 10  | 30  | 0.7  | 233 |
| BRW100677 | 407  | 2.46 | 6.1  | 0.9 | 2.5   | 2.1  | 37  | 0.1  | 0.4  | 0.1  | 61  | 0.59 | 0.063 | 12  | 30  | 0.56 | 358 |
| BRW100679 | 353  | 2.54 | 8.7  | 0.8 | 3.4   | 2.5  | 39  | 0.2  | 0.6  | 0.1  | 59  | 0.73 | 0.071 | 12  | 31  | 0.61 | 287 |
| BRW100681 | 272  | 2.45 | 7.3  | 0.7 | 1.8   | 3    | 37  | 0.1  | 0.5  | 0.1  | 58  | 0.61 | 0.08  | 12  | 34  | 0.62 | 270 |
| BRW100682 | 341  | 2.24 | 6.6  | 0.5 | 3.1   | 2.6  | 35  | 0.1  | 0.4  | 0.05 | 55  | 0.69 | 0.092 | 10  | 27  | 0.59 | 188 |
| BRW100687 | 857  | 3.95 | 60.4 | 0.7 | 3.3   | 2.6  | 65  | 0.3  | 2.1  | 0.05 | 95  | 2.83 | 0.152 | 14  | 74  | 1.3  | 276 |
| BRW100687 | 899  | 4.14 | 64.2 | 0.7 | 4.4   | 2.6  | 67  | 0.3  | 2.2  | 0.05 | 99  | 2.89 | 0.148 | 15  | 75  | 1.36 | 289 |
| BRW100689 | 956  | 5.51 | 5.8  | 0.7 | 2.3   | 5.6  | 55  | 0.05 | 0.3  | 0.05 | 130 | 3.23 | 0.064 | 20  | 31  | 1.55 | 352 |
| BRW100690 | 1442 | 6.4  | 5.8  | 0.5 | 2.8   | 1.3  | 61  | 0.2  | 1    | 0.05 | 160 | 5.35 | 0.069 | 9   | 49  | 1.48 | 270 |
| BRW100691 | 513  | 7.29 | 3.7  | 1.3 | 1.3   | 3    | 113 | 0.05 | 0.2  | 0.05 | 183 | 0.48 | 0.069 | 14  | 31  | 1.5  | 298 |
| BRW100694 | 467  | 2.67 | 6.9  | 1.4 | 2.3   | 2    | 48  | 0.2  | 0.5  | 0.1  | 66  | 1.33 | 0.067 | 13  | 33  | 0.56 | 369 |
| BRW100812 | 551  | 5.72 | 23   | 2.3 | 1.4   | 6.9  | 54  | 0.5  | 0.2  | 0.05 | 414 | 1.72 | 0.461 | 42  | 142 | 1.4  | 496 |
| BRW100813 | 714  | 4.26 | 2.9  | 0.7 | 1.6   | 20.6 | 21  | 0.05 | 0.1  | 0.05 | 46  | 1.05 | 0.061 | 73  | 62  | 1.14 | 325 |
| BRW100816 | 266  | 3.57 | 4.8  | 1.5 | 4     | 9.4  | 22  | 0.1  | 0.3  | 0.1  | 74  | 0.2  | 0.033 | 28  | 42  | 0.57 | 288 |
| BRW100817 | 508  | 4.7  | 1.3  | 1.3 | 1.1   | 24   | 19  | 0.05 | 0.05 | 0.05 | 58  | 0.38 | 0.079 | 79  | 67  | 1.47 | 315 |
| BRW100818 | 184  | 3.22 | 1.6  | 1.6 | 1.6   | 13.5 | 14  | 0.05 | 0.1  | 0.05 | 45  | 0.1  | 0.031 | 34  | 39  | 0.46 | 251 |
| BRW100821 | 537  | 4.92 | 10.2 | 1.2 | 13.9  | 14.5 | 17  | 0.1  | 0.4  | 0.05 | 86  | 0.41 | 0.042 | 40  | 44  | 0.54 | 441 |
| BRW100822 | 256  | 2.38 | 1.8  | 0.6 | 2.9   | 2.1  | 32  | 0.05 | 0.2  | 0.05 | 61  | 0.51 | 0.068 | 6   | 70  | 0.95 | 157 |
| BRW100823 | 300  | 2.97 | 5.4  | 0.5 | 3.2   | 2.6  | 33  | 0.05 | 0.2  | 0.05 | 69  | 0.49 | 0.072 | 9   | 165 | 1.63 | 203 |
| BRW100824 | 530  | 3.32 | 5.9  | 0.4 | 0.5   | 8.2  | 21  | 0.05 | 0.2  | 0.05 | 99  | 0.47 | 0.045 | 17  | 211 | 1.56 | 368 |
| BRW100825 | 639  | 2.97 | 11   | 0.6 | 238.6 | 6.8  | 28  | 0.2  | 0.6  | 0.05 | 47  | 0.44 | 0.044 | 21  | 56  | 0.54 | 190 |
| BRW100825 | 638  | 2.93 | 10.9 | 0.5 | 14.2  | 6.4  | 27  | 0.2  | 0.6  | 0.05 | 45  | 0.43 | 0.042 | 21  | 54  | 0.54 | 185 |
| BRW100826 | 727  | 4.35 | 10   | 0.8 | 3.5   | 9.1  | 27  | 0.1  | 0.4  | 0.05 | 68  | 0.47 | 0.078 | 22  | 50  | 0.65 | 400 |
| BRW100827 | 584  | 2.81 | 9.6  | 1.5 | 21.6  | 5.1  | 37  | 0.4  | 0.6  | 0.1  | 59  | 0.73 | 0.062 | 18  | 52  | 0.59 | 402 |
| BRW100829 | 394  | 4.22 | 2.8  | 0.5 | 1.3   | 6.7  | 30  | 0.05 | 0.2  | 0.05 | 88  | 0.33 | 0.036 | 15  | 81  | 1.16 | 474 |
| BRW100831 | 589  | 4.37 | 7.3  | 1   | 0.25  | 14   | 24  | 0.05 | 0.2  | 0.1  | 68  | 0.34 | 0.046 | 38  | 37  | 1.82 | 530 |
| BRW100833 | 526  | 2.97 | 6.7  | 1.1 | 2.4   | 7.5  | 37  | 0.3  | 0.5  | 0.1  | 60  | 0.69 | 0.071 | 26  | 43  | 0.76 | 339 |
| BRW100836 | 499  | 4.99 | 4.8  | 0.8 | 2.4   | 21.8 | 19  | 0.05 | 0.2  | 0.05 | 95  | 0.53 | 0.131 | 46  | 36  | 1.3  | 589 |
| BRW100846 | 1154 | 6.5  | 4    | 0.4 | 0.25  | 4.1  | 40  | 0.1  | 0.3  | 0.05 | 137 | 2.54 | 0.106 | 19  | 67  | 2.97 | 112 |
| BRW100847 | 870  | 5.63 | 18.6 | 0.9 | 1.6   | 15.5 | 26  | 0.2  | 0.5  | 0.4  | 100 | 0.76 | 0.08  | 54  | 77  | 0.95 | 520 |
| BRW100848 | 724  | 4.67 | 5    | 0.8 | 1.3   | 7.6  | 30  | 0.05 | 0.3  | 0.05 | 110 | 0.55 | 0.07  | 11  | 28  | 1.16 | 243 |
| BRW100849 | 652  | 4.69 | 1.8  | 0.6 | 0.25  | 4.2  | 40  | 0.05 | 0.1  | 0.05 | 105 | 0.7  | 0.073 | 38  | 24  | 1.66 | 479 |
| BRW100850 | 928  | 5.06 | 3    | 1.1 | 1.1   | 4.7  | 60  | 0.1  | 0.1  | 0.05 | 121 | 1.44 | 0.082 | 16  | 167 | 2.86 | 215 |
| BRW100852 | 465  | 2.98 | 7.8  | 0.8 | 3.1   | 3.8  | 32  | 0.1  | 0.6  | 0.1  | 66  | 0.75 | 0.068 | 13  | 37  | 0.77 | 293 |
| BRW100853 | 412  | 2.17 | 6.5  | 1.6 | 1     | 2    | 58  | 0.4  | 0.6  | 0.1  | 47  | 1.21 | 0.061 | 10  | 26  | 0.57 | 289 |
| BRW100854 | 440  | 2.43 | 8.1  | 0.6 | 2.4   | 3.5  | 57  | 0.4  | 0.7  | 0.1  | 59  | 1.57 | 0.087 | 11  | 30  | 0.84 | 259 |
| BRW100855 | 513  | 2.61 | 7.9  | 0.9 | 4.4   | 3.9  | 41  | 0.4  | 0.6  | 0.2  | 57  | 0.62 | 0.081 | 14  | 30  | 0.61 | 283 |
| BRW100855 | 486  | 2.56 | 7.6  | 0.8 | 3.3   | 3.8  | 36  | 0.3  | 0.6  | 0.2  | 56  | 0.61 | 0.077 | 13  | 30  | 0.57 | 278 |
| BRW100856 | 451  | 2.65 | 9.2  | 0.9 | 2.9   | 3.6  | 41  | 0.3  | 0.7  | 0.2  | 59  | 0.68 | 0.081 | 13  | 30  | 0.59 | 248 |
| BRW100858 | 427  | 2.61 | 7.9  | 0.6 | 2.3   | 3.6  | 55  | 0.3  | 0.6  | 0.1  | 60  | 1.44 | 0.088 | 13  | 30  | 0.75 | 254 |
| BRW100859 | 327  | 2.44 | 7.9  | 0.9 | 1     | 2.6  | 35  | 0.2  | 0.5  | 0.2  | 58  | 0.58 | 0.072 | 12  | 30  | 0.54 | 245 |
| BRW100864 | 613  | 6.36 | 2.4  | 1.2 | 1.8   | 20.1 | 23  | 0.05 | 0.05 | 0.05 | 82  | 0.49 | 0.037 | 60  | 98  | 1.66 | 631 |
| BRW100922 | 265  | 3    | 24.3 | 1.1 | 7.6   | 5.7  | 16  | 0.2  | 2.6  | 0.2  | 50  | 0.13 | 0.045 | 20  | 27  | 0.27 | 190 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW90199  | 0.053 | 2   | 1.92 | 0.009 | 0.12 | 0.1  | 0.02  | 2.9  | 0.05 | 0.07  | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW92273  | 0.12  | 2   | 2.84 | 0.045 | 0.17 | 0.05 | 0.03  | 10.5 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000122 |
| BRW92281  | 0.009 | 1   | 0.91 | 0.016 | 0.12 | 0.2  | 0.07  | 4.1  | 0.2  | 0.05  | 3  | 3.6  | 1DX15  | WHI10000122 |
| BRW92283  | 0.03  | 1   | 1.33 | 0.013 | 0.12 | 0.1  | 0.02  | 4.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW93747  | 0.15  | 0.5 | 1.96 | 0.023 | 0.05 | 0.05 | 0.02  | 4.1  | 0.05 | 0.025 | 6  | 0.5  | 1DX15  | WHI10000122 |
| BRW93748  | 0.075 | 2   | 2.81 | 0.027 | 0.1  | 0.05 | 0.01  | 11   | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000122 |
| BRW93799  | 0.152 | 2   | 2.91 | 0.021 | 0.82 | 0.05 | 0.005 | 13.6 | 0.2  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000122 |
| BRW93979  | 0.098 | 2   | 1.81 | 0.009 | 0.21 | 0.1  | 0.005 | 3.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000122 |
| BRW93981  | 0.139 | 2   | 2.17 | 0.01  | 0.68 | 0.05 | 0.02  | 7.7  | 0.5  | 0.025 | 7  | 1    | 1DX15  | WHI10000122 |
| BRW93998  | 0.042 | 2   | 1.77 | 0.015 | 0.12 | 0.05 | 0.07  | 10.9 | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000122 |
| BRW94000  | 0.095 | 0.5 | 2.74 | 0.01  | 0.42 | 0.05 | 0.005 | 3.5  | 0.2  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000122 |
| BRW100652 | 0.188 | 0.5 | 2.95 | 0.018 | 0.85 | 0.05 | 0.01  | 9.8  | 0.3  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000123 |
| BRW100657 | 0.133 | 0.5 | 2.57 | 0.018 | 0.59 | 0.05 | 0.02  | 6    | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW100659 | 0.147 | 0.5 | 2.03 | 0.014 | 0.39 | 0.05 | 0.02  | 5.7  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW100661 | 0.183 | 0.5 | 2.97 | 0.011 | 1.11 | 0.05 | 0.005 | 7.7  | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW100663 | 0.163 | 0.5 | 2.15 | 0.013 | 0.46 | 0.1  | 0.02  | 6.5  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW100664 | 0.171 | 0.5 | 2.37 | 0.015 | 0.64 | 0.05 | 0.02  | 5.4  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW100664 | 0.17  | 0.5 | 2.35 | 0.016 | 0.63 | 0.1  | 0.01  | 5.3  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW100667 | 0.086 | 2   | 1.72 | 0.028 | 0.05 | 0.1  | 0.03  | 5.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW100668 | 0.096 | 2   | 1.91 | 0.026 | 0.07 | 0.1  | 0.04  | 5.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW100674 | 0.09  | 2   | 1.55 | 0.032 | 0.06 | 0.1  | 0.02  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW100677 | 0.061 | 2   | 1.72 | 0.016 | 0.05 | 0.1  | 0.06  | 3.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW100679 | 0.073 | 2   | 1.37 | 0.032 | 0.05 | 0.2  | 0.02  | 3.4  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000123 |
| BRW100681 | 0.083 | 2   | 1.5  | 0.036 | 0.06 | 0.2  | 0.02  | 3.5  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000123 |
| BRW100682 | 0.075 | 1   | 1.19 | 0.028 | 0.05 | 0.2  | 0.02  | 3.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW100687 | 0.084 | 2   | 1.92 | 0.027 | 0.06 | 0.1  | 0.06  | 6.3  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW100687 | 0.085 | 2   | 2.06 | 0.027 | 0.06 | 0.1  | 0.06  | 6.4  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW100689 | 0.087 | 3   | 2.83 | 0.008 | 0.37 | 0.05 | 0.03  | 12.8 | 0.1  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW100690 | 0.054 | 4   | 2.25 | 0.013 | 0.26 | 0.05 | 0.03  | 20.1 | 0.05 | 0.025 | 12 | 0.6  | 1DX15  | WHI10000123 |
| BRW100691 | 0.143 | 2   | 3.12 | 0.104 | 0.81 | 0.05 | 0.01  | 13.6 | 0.1  | 0.91  | 11 | 3    | 1DX15  | WHI10000123 |
| BRW100694 | 0.049 | 3   | 1.47 | 0.03  | 0.05 | 0.1  | 0.05  | 5.5  | 0.05 | 0.07  | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW100812 | 0.109 | 1   | 3.1  | 0.015 | 0.24 | 0.05 | 0.01  | 12.9 | 0.2  | 0.025 | 12 | 4    | 1DX15  | WHI10000123 |
| BRW100813 | 0.027 | 0.5 | 2.27 | 0.006 | 0.13 | 0.05 | 0.02  | 6.1  | 0.1  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000123 |
| BRW100816 | 0.078 | 2   | 1.59 | 0.009 | 0.18 | 0.1  | 0.01  | 4    | 0.2  | 0.025 | 5  | 1.5  | 1DX15  | WHI10000123 |
| BRW100817 | 0.22  | 1   | 2.98 | 0.01  | 1.59 | 0.05 | 0.005 | 4.7  | 0.7  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW100818 | 0.108 | 0.5 | 1.43 | 0.007 | 0.48 | 0.05 | 0.01  | 3.5  | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000123 |
| BRW100821 | 0.076 | 1   | 1.64 | 0.007 | 0.39 | 0.05 | 0.05  | 14   | 0.5  | 0.025 | 8  | 1    | 1DX15  | WHI10000123 |
| BRW100822 | 0.071 | 0.5 | 1.56 | 0.014 | 0.04 | 0.05 | 0.01  | 4.8  | 0.05 | 0.025 | 3  | 0.6  | 1DX15  | WHI10000123 |
| BRW100823 | 0.093 | 0.5 | 1.99 | 0.019 | 0.06 | 0.05 | 0.01  | 4.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW100824 | 0.108 | 1   | 2.39 | 0.019 | 0.46 | 0.1  | 0.005 | 6.4  | 0.3  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000123 |
| BRW100825 | 0.031 | 1   | 1.28 | 0.018 | 0.11 | 0.05 | 0.06  | 6.5  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000123 |
| BRW100825 | 0.028 | 0.5 | 1.23 | 0.016 | 0.1  | 0.05 | 0.06  | 6.4  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000123 |
| BRW100826 | 0.065 | 0.5 | 1.47 | 0.012 | 0.35 | 0.05 | 0.06  | 7.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW100827 | 0.063 | 0.5 | 1.51 | 0.02  | 0.07 | 0.1  | 0.06  | 5.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW100829 | 0.172 | 0.5 | 2.53 | 0.018 | 0.78 | 0.05 | 0.005 | 8.1  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW100831 | 0.141 | 0.5 | 3.12 | 0.014 | 0.91 | 0.05 | 0.01  | 7.3  | 0.4  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000123 |
| BRW100833 | 0.109 | 0.5 | 1.83 | 0.026 | 0.18 | 0.1  | 0.03  | 4.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW100836 | 0.2   | 0.5 | 2.67 | 0.016 | 1    | 0.05 | 0.01  | 9.1  | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW100846 | 0.01  | 2   | 3.73 | 0.007 | 0.11 | 0.05 | 0.02  | 12.5 | 0.05 | 0.025 | 13 | 0.25 | 1DX15  | WHI10000123 |
| BRW100847 | 0.068 | 3   | 2.15 | 0.019 | 0.19 | 0.05 | 0.04  | 12.9 | 0.2  | 0.025 | 10 | 0.7  | 1DX15  | WHI10000123 |
| BRW100848 | 0.067 | 2   | 2.46 | 0.023 | 0.27 | 0.05 | 0.03  | 9.3  | 0.05 | 0.025 | 9  | 0.7  | 1DX15  | WHI10000123 |
| BRW100849 | 0.15  | 2   | 2.96 | 0.015 | 0.3  | 0.05 | 0.01  | 5.9  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW100850 | 0.155 | 7   | 3.22 | 0.024 | 0.31 | 0.05 | 0.01  | 11.7 | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW100852 | 0.078 | 2   | 1.8  | 0.026 | 0.11 | 0.1  | 0.03  | 5.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW100853 | 0.066 | 3   | 1.33 | 0.036 | 0.08 | 0.2  | 0.03  | 2.7  | 0.05 | 0.025 | 4  | 0.8  | 1DX15  | WHI10000123 |
| BRW100854 | 0.082 | 4   | 1.37 | 0.034 | 0.11 | 0.1  | 0.02  | 3.5  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000123 |
| BRW100855 | 0.075 | 2   | 1.41 | 0.026 | 0.07 | 0.1  | 0.03  | 3.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW100855 | 0.073 | 2   | 1.36 | 0.024 | 0.06 | 0.2  | 0.03  | 3.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW100856 | 0.081 | 2   | 1.31 | 0.027 | 0.08 | 0.2  | 0.03  | 3.2  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000123 |
| BRW100858 | 0.091 | 3   | 1.3  | 0.041 | 0.1  | 0.2  | 0.02  | 3.7  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000123 |
| BRW100859 | 0.067 | 2   | 1.48 | 0.02  | 0.05 | 0.2  | 0.03  | 3.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW100864 | 0.307 | 2   | 3.24 | 0.047 | 1.39 | 0.05 | 0.02  | 6.8  | 0.6  | 0.025 | 9  | 0.9  | 1DX15  | WHI10000123 |
| BRW100922 | 0.039 | 1   | 1.14 | 0.006 | 0.12 | 0.05 | 0.03  | 3.3  | 0.1  | 0.025 | 4  | 1.2  | 1DX15  | WHI10000123 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|------|------|
| BRW100937 | Soil | 596720     | 7006282    | 07V      | 0.8  | 49.9  | 6.2  | 73  | 0.05 | 69   | 17.8 |
| BRW100939 | Soil | 596640     | 7006219    | 07V      | 0.5  | 35.4  | 3.2  | 70  | 0.05 | 32.8 | 24.5 |
| BRW100947 | Soil | 596286     | 7005942    | 07V      | 1.7  | 68.3  | 8.1  | 115 | 0.05 | 58.3 | 16.9 |
| BRW100957 | Soil | 599689     | 7005808    | 07V      | 1.5  | 40.7  | 13.3 | 76  | 0.2  | 29   | 12.8 |
| BRW100958 | Soil | 599726     | 7005838    | 07V      | 1.4  | 58.5  | 10.5 | 73  | 0.05 | 32.7 | 11.5 |
| BRW100960 | Soil | 599806     | 7005901    | 07V      | 1.5  | 34.5  | 8.5  | 140 | 0.05 | 26.7 | 10.7 |
| BRW100962 | Soil | 599885     | 7005965    | 07V      | 2.8  | 54.8  | 18   | 129 | 0.1  | 57.5 | 18.3 |
| BRW100969 | Soil | 597087     | 7004919    | 07V      | 0.4  | 49.6  | 3.3  | 54  | 0.05 | 40   | 21.5 |
| BRW100973 | Soil | 597206     | 7005012    | 07V      | 0.6  | 30.8  | 12.8 | 119 | 0.05 | 45.4 | 19.8 |
| BRW100977 | Soil | 597363     | 7005136    | 07V      | 19.2 | 82.1  | 18.6 | 135 | 0.2  | 57.4 | 16.5 |
| BRW100981 | Soil | 597518     | 7005256    | 07V      | 0.9  | 33.3  | 7.5  | 58  | 0.1  | 48.5 | 16.4 |
| BRW100993 | Soil | 598032     | 7005657    | 07V      | 0.9  | 61.9  | 7    | 90  | 0.05 | 31   | 16.6 |
| BRW100994 | Soil | 598071     | 7005688    | 07V      | 0.8  | 17.8  | 9.2  | 111 | 0.05 | 12.5 | 17.5 |
| BRW100999 | Soil | 598133     | 7005609    | 07V      | 0.9  | 28.4  | 19.3 | 134 | 0.05 | 15.1 | 9.1  |
| BRW101108 | Soil | 597687     | 7005771    | 07V      | 0.9  | 23.4  | 7.3  | 64  | 0.05 | 22.7 | 11.2 |
| BRW101115 | Soil | 595414     | 7005261    | 07V      | 0.8  | 52.9  | 5.2  | 103 | 0.05 | 25.3 | 25.7 |
| BRW101115 | REP  | 595414     | 7005261    | 07V      | 0.7  | 54.8  | 5.5  | 107 | 0.05 | 26   | 26.3 |
| BRW101116 | Soil | 595454     | 7005299    | 07V      | 0.2  | 144.5 | 2    | 71  | 0.05 | 33.2 | 25.3 |
| BRW101118 | Soil | 595533     | 7005360    | 07V      | 0.5  | 37.7  | 1.5  | 54  | 0.05 | 29   | 19.2 |
| BRW101119 | Soil | 595572     | 7005389    | 07V      | 1.3  | 50    | 9.9  | 85  | 0.05 | 33.5 | 14   |
| BRW101120 | Soil | 595612     | 7005422    | 07V      | 0.8  | 60.7  | 6.6  | 107 | 0.05 | 18.4 | 16.2 |
| BRW101121 | Soil | 595654     | 7005452    | 07V      | 0.6  | 75.4  | 3.6  | 97  | 0.05 | 11.9 | 13.9 |
| BRW101122 | Soil | 595693     | 7005483    | 07V      | 0.9  | 26.8  | 4.2  | 104 | 0.05 | 9    | 12.5 |
| BRW101123 | Soil | 595730     | 7005514    | 07V      | 0.5  | 36.9  | 3.2  | 206 | 0.05 | 18   | 20.2 |
| BRW101125 | Soil | 595811     | 7005574    | 07V      | 0.3  | 62.6  | 3.6  | 55  | 0.05 | 16.3 | 15.9 |
| BRW101126 | Soil | 595811     | 7005578    | 07V      | 0.5  | 57.5  | 5.5  | 58  | 0.05 | 16.5 | 16.1 |
| BRW101128 | Soil | 595889     | 7005638    | 07V      | 1    | 49.8  | 5.2  | 85  | 0.05 | 32.2 | 16.3 |
| BRW101129 | Soil | 595930     | 7005667    | 07V      | 0.6  | 36.3  | 5.5  | 48  | 0.05 | 30.7 | 13   |
| BRW101130 | Soil | 595969     | 7005697    | 07V      | 0.8  | 27.4  | 5.8  | 65  | 0.05 | 35.6 | 18   |
| BRW101131 | Soil | 596010     | 7005728    | 07V      | 1    | 25.8  | 3.4  | 92  | 0.05 | 12.5 | 21.2 |
| BRW101132 | Soil | 596049     | 7005757    | 07V      | 0.9  | 39.2  | 6.6  | 96  | 0.05 | 56.6 | 20.2 |
| BRW101133 | Soil | 596088     | 7005789    | 07V      | 1.8  | 43.4  | 7.6  | 79  | 0.05 | 41.2 | 14.1 |
| BRW101134 | Soil | 596129     | 7005821    | 07V      | 1.6  | 31.4  | 16.5 | 107 | 0.05 | 37.3 | 15.1 |
| BRW101136 | Soil | 595472     | 7005179    | 07V      | 0.5  | 24.3  | 2.5  | 86  | 0.05 | 13.1 | 19.5 |
| BRW101137 | Soil | 595520     | 7005217    | 07V      | 0.7  | 99.3  | 3.5  | 82  | 0.05 | 25.8 | 20.1 |
| BRW101138 | Soil | 595559     | 7005248    | 07V      | 0.5  | 33.2  | 4.1  | 60  | 0.05 | 33.1 | 21.8 |
| BRW101141 | Soil | 595676     | 7005340    | 07V      | 1.8  | 78.3  | 7.2  | 189 | 0.05 | 33.5 | 15.1 |
| BRW101141 | REP  | 595676     | 7005340    | 07V      | 1.7  | 73.4  | 6.9  | 175 | 0.1  | 31.3 | 14.9 |
| BRW101143 | Soil | 595755     | 7005401    | 07V      | 1.2  | 39.4  | 6.9  | 101 | 0.05 | 12.5 | 18.2 |
| BRW101144 | Soil | 595795     | 7005433    | 07V      | 1    | 20.4  | 4.8  | 88  | 0.05 | 18.8 | 13.5 |
| BRW101194 | Soil | 596770     | 7004673    | 07V      | 0.2  | 89.7  | 1.5  | 42  | 0.05 | 40.6 | 16.6 |
| BRW101195 | Soil | 596811     | 7004703    | 07V      | 0.05 | 78.8  | 0.9  | 41  | 0.05 | 15.5 | 13.3 |
| BRW101198 | Soil | 596928     | 7004796    | 07V      | 0.3  | 42.5  | 4.1  | 115 | 0.05 | 9.7  | 16.5 |
| BRW101203 | Soil | 596477     | 7004317    | 07V      | 0.7  | 51.5  | 2.6  | 94  | 0.05 | 44.8 | 18.5 |
| BRW101204 | Soil | 596438     | 7004285    | 07V      | 0.5  | 45.2  | 2.8  | 68  | 0.05 | 30.4 | 16.9 |
| BRW101205 | Soil | 596401     | 7004254    | 07V      | 0.4  | 41.2  | 3.1  | 67  | 0.05 | 66   | 19.1 |
| BRW101206 | Soil | 596359     | 7004224    | 07V      | 0.2  | 26.7  | 3.6  | 86  | 0.05 | 37.6 | 24.1 |
| BRW101207 | Soil | 596318     | 7004191    | 07V      | 1.2  | 55.3  | 2.2  | 46  | 0.05 | 20   | 13.2 |
| BRW101208 | Soil | 596318     | 7004191    | 07V      | 1.1  | 55.2  | 2    | 46  | 0.05 | 22.2 | 13.3 |
| BRW101208 | REP  | 596318     | 7004191    | 07V      | 1    | 57.1  | 1.9  | 44  | 0.05 | 22.6 | 13.6 |
| BRW101209 | Soil | 596282     | 7004162    | 07V      | 0.5  | 47    | 5.1  | 96  | 0.05 | 25.9 | 24.4 |
| BRW101211 | Soil | 596538     | 7005379    | 07V      | 0.5  | 17.1  | 2.5  | 98  | 0.05 | 7.6  | 18.9 |
| BRW101212 | Soil | 596514     | 7005356    | 07V      | 0.4  | 54.2  | 1.2  | 71  | 0.05 | 40.2 | 23.5 |
| BRW101215 | Soil | 596394     | 7005268    | 07V      | 0.3  | 39.2  | 1.8  | 94  | 0.05 | 9.5  | 25.5 |
| BRW101215 | REP  | 596394     | 7005268    | 07V      | 0    | 0     | 0    | 0   | 0    | 0    | 0    |
| BRW101217 | Soil | 596316     | 7005205    | 07V      | 0.8  | 67.9  | 1.4  | 80  | 0.05 | 17.5 | 27.1 |
| BRW101220 | Soil | 596196     | 7005113    | 07V      | 2.7  | 66.9  | 10.9 | 111 | 0.05 | 48.2 | 23.1 |
| BRW101223 | Soil | 596117     | 7005048    | 07V      | 0.8  | 64.8  | 2.8  | 116 | 0.05 | 56   | 38.8 |
| BRW101223 | REP  | 596117     | 7005048    | 07V      | 0.7  | 65.8  | 2.9  | 115 | 0.05 | 55.4 | 37.6 |
| BRW101225 | Soil | 596039     | 7004989    | 07V      | 0.3  | 56.3  | 2.2  | 88  | 0.05 | 12.6 | 21.2 |
| BRW101258 | Soil | 595975     | 7005445    | 07V      | 0.3  | 22.2  | 3.2  | 78  | 0.05 | 25.3 | 24.2 |
| BRW101260 | Soil | 596078     | 7005527    | 07V      | 0.6  | 32.2  | 7    | 63  | 0.05 | 25.5 | 10.5 |
| BRW101263 | Soil | 596173     | 7005601    | 07V      | 0.9  | 39.9  | 6.1  | 75  | 0.05 | 44.7 | 23.2 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|------|------|-----|------|------|------|-----|------|-------|----|-----|------|------|
| BRW100937 | 289  | 3.46 | 3.9  | 0.7 | 1.1  | 11.5 | 24  | 0.05 | 0.2  | 0.05 | 87  | 0.59 | 0.158 | 56 | 144 | 1.44 | 578  |
| BRW100939 | 421  | 4.47 | 2    | 0.4 | 0.25 | 7.6  | 27  | 0.05 | 0.05 | 0.05 | 116 | 1.02 | 0.261 | 20 | 118 | 2    | 885  |
| BRW100947 | 591  | 4.45 | 38.4 | 1.5 | 4.1  | 11.8 | 58  | 0.05 | 0.3  | 0.05 | 48  | 0.15 | 0.028 | 28 | 33  | 0.18 | 228  |
| BRW100957 | 519  | 3.57 | 11.9 | 1.5 | 4.1  | 5.3  | 33  | 0.2  | 0.9  | 0.2  | 63  | 0.79 | 0.06  | 17 | 40  | 0.72 | 301  |
| BRW100958 | 351  | 4.01 | 10.7 | 1.3 | 16.4 | 7.3  | 21  | 0.05 | 0.6  | 0.2  | 62  | 0.28 | 0.022 | 25 | 42  | 0.75 | 271  |
| BRW100960 | 707  | 5.73 | 7.7  | 1   | 4.6  | 8    | 21  | 0.1  | 0.5  | 0.05 | 41  | 0.38 | 0.053 | 17 | 22  | 0.87 | 504  |
| BRW100962 | 442  | 5.63 | 7.3  | 2.4 | 2.9  | 17.1 | 17  | 0.1  | 0.3  | 0.4  | 95  | 0.27 | 0.069 | 35 | 60  | 0.75 | 399  |
| BRW100969 | 616  | 3.45 | 1.7  | 0.6 | 0.25 | 3.5  | 52  | 0.05 | 0.2  | 0.05 | 90  | 1.07 | 0.062 | 8  | 141 | 1.64 | 237  |
| BRW100973 | 564  | 5.58 | 1.2  | 1.6 | 0.25 | 27.8 | 12  | 0.05 | 0.1  | 0.05 | 62  | 0.3  | 0.067 | 42 | 63  | 1.15 | 254  |
| BRW100977 | 1019 | 4.58 | 30.4 | 1   | 34.4 | 8.6  | 26  | 0.2  | 0.6  | 0.1  | 88  | 0.56 | 0.114 | 23 | 57  | 0.74 | 512  |
| BRW100981 | 458  | 2.69 | 7.6  | 0.9 | 2.1  | 3.3  | 37  | 0.1  | 0.5  | 0.1  | 61  | 0.61 | 0.068 | 12 | 74  | 0.8  | 283  |
| BRW100993 | 551  | 4.61 | 6.4  | 0.7 | 1.1  | 9.7  | 20  | 0.05 | 0.2  | 0.05 | 118 | 0.47 | 0.088 | 27 | 64  | 1.46 | 549  |
| BRW100994 | 876  | 4.94 | 5.1  | 0.7 | 4.2  | 5.5  | 16  | 0.05 | 0.2  | 0.05 | 78  | 0.52 | 0.168 | 22 | 29  | 0.9  | 271  |
| BRW100999 | 608  | 4.42 | 5    | 1.3 | 1.4  | 14   | 17  | 0.05 | 0.3  | 0.05 | 51  | 0.42 | 0.124 | 36 | 30  | 0.53 | 200  |
| BRW101108 | 418  | 2.67 | 8    | 0.8 | 1.5  | 5.6  | 36  | 0.3  | 0.5  | 0.1  | 56  | 0.74 | 0.08  | 19 | 32  | 0.65 | 231  |
| BRW101115 | 802  | 6.81 | 5.9  | 0.7 | 1    | 2.8  | 49  | 0.05 | 0.2  | 0.05 | 161 | 1.06 | 0.071 | 9  | 35  | 1.84 | 354  |
| BRW101115 | 818  | 7.07 | 6.1  | 0.7 | 0.25 | 2.9  | 50  | 0.05 | 0.3  | 0.05 | 160 | 1.07 | 0.071 | 9  | 35  | 1.87 | 354  |
| BRW101116 | 574  | 4.39 | 2    | 0.2 | 0.25 | 0.9  | 67  | 0.05 | 0.05 | 0.05 | 127 | 1.46 | 0.107 | 3  | 52  | 2.36 | 184  |
| BRW101118 | 458  | 3.71 | 2.5  | 0.3 | 0.25 | 1.5  | 33  | 0.05 | 0.2  | 0.05 | 107 | 1.06 | 0.105 | 3  | 50  | 1.76 | 290  |
| BRW101119 | 480  | 3.88 | 21.9 | 0.9 | 2.1  | 5.8  | 31  | 0.2  | 1    | 0.2  | 89  | 0.45 | 0.037 | 21 | 52  | 0.78 | 325  |
| BRW101120 | 789  | 4.72 | 3.8  | 0.7 | 2.1  | 4.2  | 28  | 0.05 | 0.4  | 0.05 | 104 | 0.58 | 0.059 | 15 | 27  | 1.01 | 402  |
| BRW101121 | 565  | 4.5  | 2.8  | 0.6 | 1.8  | 2.6  | 35  | 0.05 | 0.2  | 0.05 | 97  | 0.69 | 0.069 | 18 | 15  | 1.38 | 408  |
| BRW101122 | 589  | 4.87 | 6    | 0.6 | 0.25 | 3.7  | 32  | 0.05 | 0.3  | 0.05 | 61  | 0.65 | 0.181 | 9  | 14  | 1    | 319  |
| BRW101123 | 1599 | 5.65 | 3.2  | 0.6 | 3.2  | 2.3  | 45  | 0.2  | 0.2  | 0.05 | 154 | 0.73 | 0.05  | 12 | 29  | 1.29 | 627  |
| BRW101125 | 464  | 3.38 | 3.3  | 0.2 | 1.3  | 2    | 67  | 0.05 | 0.3  | 0.05 | 90  | 0.65 | 0.076 | 6  | 28  | 1.19 | 353  |
| BRW101126 | 527  | 3.31 | 3.1  | 0.3 | 2.2  | 2    | 75  | 0.05 | 0.3  | 0.05 | 88  | 0.64 | 0.07  | 6  | 30  | 1.12 | 345  |
| BRW101128 | 558  | 3.12 | 7.7  | 0.8 | 1.5  | 8.3  | 54  | 0.2  | 0.3  | 0.05 | 56  | 0.85 | 0.086 | 23 | 40  | 0.77 | 282  |
| BRW101129 | 443  | 2.16 | 7.2  | 0.5 | 2.2  | 2.3  | 112 | 0.2  | 0.4  | 0.05 | 47  | 4.23 | 0.084 | 10 | 28  | 0.81 | 237  |
| BRW101130 | 403  | 3.67 | 6.2  | 0.6 | 1.9  | 4.8  | 21  | 0.05 | 0.3  | 0.05 | 84  | 0.48 | 0.023 | 8  | 97  | 1.44 | 227  |
| BRW101131 | 700  | 5.04 | 3.2  | 0.7 | 0.25 | 5.5  | 30  | 0.05 | 0.2  | 0.05 | 85  | 0.59 | 0.108 | 7  | 28  | 1.6  | 473  |
| BRW101132 | 497  | 4.37 | 11   | 0.6 | 0.7  | 9.2  | 19  | 0.05 | 0.2  | 0.05 | 100 | 0.79 | 0.123 | 27 | 115 | 1.61 | 511  |
| BRW101133 | 382  | 3.03 | 17.5 | 0.5 | 1.9  | 6.1  | 25  | 0.1  | 0.6  | 0.05 | 82  | 0.64 | 0.053 | 19 | 59  | 0.81 | 423  |
| BRW101134 | 309  | 3.79 | 12.3 | 0.7 | 0.7  | 12.8 | 15  | 0.1  | 0.3  | 0.1  | 52  | 0.3  | 0.027 | 19 | 37  | 0.39 | 174  |
| BRW101136 | 1123 | 6.19 | 2.2  | 0.5 | 1    | 1.1  | 44  | 0.05 | 0.2  | 0.05 | 124 | 1.23 | 0.164 | 8  | 32  | 1.57 | 172  |
| BRW101137 | 987  | 3.79 | 3.2  | 0.4 | 0.25 | 1.2  | 63  | 0.2  | 0.2  | 0.05 | 110 | 2.61 | 0.088 | 5  | 43  | 1.39 | 208  |
| BRW101138 | 641  | 3.81 | 5.3  | 0.3 | 1.1  | 1.8  | 62  | 0.1  | 0.3  | 0.05 | 103 | 2.71 | 0.071 | 7  | 63  | 1.84 | 190  |
| BRW101141 | 691  | 4.94 | 9.8  | 1   | 1.8  | 5.7  | 29  | 0.3  | 0.5  | 0.1  | 148 | 0.86 | 0.102 | 25 | 41  | 1    | 546  |
| BRW101141 | 666  | 4.69 | 9.2  | 0.9 | 3.6  | 5.5  | 28  | 0.2  | 0.5  | 0.05 | 137 | 0.83 | 0.098 | 23 | 38  | 0.95 | 516  |
| BRW101143 | 580  | 4.66 | 4.4  | 0.4 | 0.25 | 2.4  | 24  | 0.1  | 0.3  | 0.05 | 94  | 0.4  | 0.069 | 5  | 20  | 1.02 | 337  |
| BRW101144 | 1145 | 4.37 | 3.6  | 0.5 | 0.8  | 2    | 35  | 0.05 | 0.2  | 0.05 | 71  | 0.76 | 0.141 | 7  | 31  | 0.89 | 406  |
| BRW101194 | 363  | 2.27 | 0.9  | 0.2 | 0.25 | 0.8  | 34  | 0.05 | 0.1  | 0.05 | 63  | 0.69 | 0.075 | 4  | 99  | 1.2  | 83   |
| BRW101195 | 201  | 1.99 | 1    | 0.1 | 0.8  | 0.8  | 187 | 0.05 | 0.05 | 0.05 | 55  | 1.39 | 0.352 | 3  | 18  | 0.88 | 156  |
| BRW101198 | 1000 | 4.88 | 1.8  | 0.3 | 0.25 | 2.5  | 38  | 0.1  | 0.2  | 0.05 | 94  | 0.79 | 0.089 | 10 | 12  | 0.91 | 163  |
| BRW101203 | 378  | 4.54 | 25.1 | 1.2 | 0.25 | 4.1  | 104 | 0.1  | 0.05 | 0.05 | 163 | 0.85 | 0.138 | 16 | 71  | 1.5  | 2307 |
| BRW101204 | 561  | 4.65 | 2.1  | 0.9 | 0.25 | 5.3  | 27  | 0.05 | 0.05 | 0.05 | 150 | 0.74 | 0.142 | 15 | 57  | 1.41 | 735  |
| BRW101205 | 728  | 5.11 | 2.8  | 1.1 | 1.6  | 11.7 | 28  | 0.05 | 0.3  | 0.05 | 147 | 0.7  | 0.124 | 22 | 160 | 1.92 | 553  |
| BRW101206 | 324  | 3.35 | 1.5  | 0.7 | 0.25 | 5.2  | 15  | 0.1  | 0.05 | 0.05 | 101 | 0.55 | 0.086 | 14 | 52  | 0.79 | 172  |
| BRW101207 | 280  | 3.36 | 2.3  | 1.3 | 0.25 | 7.3  | 23  | 0.05 | 0.05 | 0.05 | 84  | 0.57 | 0.154 | 10 | 26  | 1.05 | 655  |
| BRW101208 | 291  | 3.36 | 1.4  | 1.2 | 0.25 | 6.9  | 21  | 0.05 | 0.05 | 0.05 | 90  | 0.59 | 0.149 | 10 | 29  | 1.03 | 569  |
| BRW101208 | 291  | 3.38 | 1.2  | 1.2 | 0.25 | 7    | 20  | 0.05 | 0.05 | 0.05 | 92  | 0.61 | 0.15  | 10 | 29  | 1.06 | 570  |
| BRW101209 | 810  | 6.18 | 3.1  | 0.6 | 0.5  | 1.5  | 24  | 0.05 | 0.2  | 0.05 | 193 | 0.97 | 0.122 | 10 | 26  | 1.49 | 220  |
| BRW101211 | 824  | 5.12 | 0.25 | 0.6 | 1    | 6.5  | 31  | 0.05 | 0.05 | 0.05 | 82  | 0.74 | 0.165 | 19 | 21  | 1.65 | 765  |
| BRW101212 | 562  | 3.64 | 0.25 | 0.3 | 1.2  | 4.2  | 32  | 0.05 | 0.05 | 0.05 | 81  | 0.77 | 0.096 | 10 | 120 | 2.08 | 426  |
| BRW101215 | 874  | 5.34 | 2.3  | 0.4 | 1.4  | 3.6  | 38  | 0.05 | 0.1  | 0.05 | 116 | 2.24 | 0.098 | 19 | 16  | 2.03 | 297  |
| BRW101215 | 0    | 0    | 0    | 0   | 0    | 0    | 0   | 0    | 0    | 0    | 0   | 0    | 0     | 0  | 0   | 0    | 0    |
| BRW101217 | 847  | 4.99 | 1.5  | 0.3 | 0.6  | 1.2  | 58  | 0.05 | 0.1  | 0.05 | 123 | 1.27 | 0.287 | 8  | 20  | 1.25 | 366  |
| BRW101220 | 1004 | 5.08 | 22.8 | 0.5 | 0.9  | 4.3  | 30  | 0.3  | 1    | 0.05 | 114 | 0.77 | 0.127 | 21 | 51  | 0.53 | 302  |
| BRW101223 | 1044 | 5.76 | 2.4  | 0.3 | 4.4  | 1.7  | 55  | 0.05 | 0.2  | 0.05 | 153 | 0.98 | 0.116 | 8  | 102 | 2.25 | 566  |
| BRW101223 | 985  | 5.6  | 2.1  | 0.3 | 5.1  | 1.8  | 52  | 0.05 | 0.1  | 0.05 | 149 | 0.96 | 0.119 | 8  | 101 | 2.23 | 561  |
| BRW101225 | 913  | 4.9  | 1.4  | 0.4 | 2.4  | 2.2  | 25  | 0.05 | 0.4  | 0.05 | 117 | 0.78 | 0.118 | 9  | 18  | 1.37 | 527  |
| BRW101258 | 1066 | 5.98 | 2.7  | 0.5 | 1.8  | 1.3  | 36  | 0.05 | 1.7  | 0.05 | 155 | 1.14 | 0.108 | 7  | 43  | 1.09 | 399  |
| BRW101260 | 383  | 2.65 | 7.9  | 0.5 | 1.5  | 3.8  | 37  | 0.3  | 0.6  | 0.1  | 61  | 0.68 | 0.081 | 13 | 30  | 0.65 | 235  |
| BRW101263 | 613  | 4.12 | 3.6  | 0.9 | 0.25 | 5.9  | 28  | 0.05 | 0.2  | 0.05 | 87  | 0.64 | 0.046 | 12 | 147 | 2.05 | 261  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW100937 | 0.122 | 0.5 | 2.64 | 0.022 | 0.84 | 0.05 | 0.02  | 6    | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW100939 | 0.159 | 2   | 3.07 | 0.027 | 1.08 | 0.05 | 0.005 | 9.1  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW100947 | 0.013 | 3   | 0.93 | 0.004 | 0.14 | 0.05 | 0.04  | 7.6  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000123 |
| BRW100957 | 0.093 | 3   | 1.76 | 0.021 | 0.3  | 0.2  | 0.05  | 6.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW100958 | 0.109 | 0.5 | 2.15 | 0.013 | 0.35 | 0.05 | 0.07  | 9.7  | 0.3  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000123 |
| BRW100960 | 0.212 | 1   | 2.33 | 0.017 | 0.85 | 0.2  | 0.63  | 14   | 0.6  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000123 |
| BRW100962 | 0.15  | 2   | 2.22 | 0.008 | 0.96 | 0.05 | 0.03  | 6    | 0.8  | 0.025 | 9  | 0.8  | 1DX15  | WHI10000123 |
| BRW100969 | 0.151 | 2   | 2.68 | 0.032 | 0.21 | 0.05 | 0.005 | 8.1  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW100973 | 0.293 | 1   | 2.62 | 0.013 | 1.61 | 0.05 | 0.005 | 6.2  | 0.7  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW100977 | 0.09  | 1   | 1.65 | 0.012 | 0.38 | 0.05 | 0.06  | 8.3  | 0.5  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000123 |
| BRW100981 | 0.081 | 0.5 | 1.78 | 0.025 | 0.05 | 0.1  | 0.03  | 4.5  | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000123 |
| BRW100993 | 0.208 | 0.5 | 2.65 | 0.013 | 0.99 | 0.05 | 0.01  | 8.7  | 0.4  | 0.025 | 10 | 0.7  | 1DX15  | WHI10000123 |
| BRW100994 | 0.156 | 1   | 2.34 | 0.01  | 0.82 | 0.05 | 0.02  | 9.2  | 0.4  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000123 |
| BRW100999 | 0.093 | 1   | 1.4  | 0.009 | 0.44 | 0.05 | 0.02  | 9.1  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW101108 | 0.098 | 1   | 1.35 | 0.026 | 0.19 | 0.3  | 0.05  | 3.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW101115 | 0.057 | 2   | 4.52 | 0.028 | 0.08 | 0.05 | 0.01  | 12.3 | 0.05 | 0.025 | 18 | 0.6  | 1DX15  | WHI10000123 |
| BRW101115 | 0.055 | 2   | 4.53 | 0.028 | 0.07 | 0.05 | 0.01  | 12   | 0.05 | 0.025 | 18 | 0.25 | 1DX15  | WHI10000123 |
| BRW101116 | 0.093 | 3   | 3.75 | 0.038 | 0.13 | 0.05 | 0.02  | 9.7  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW101118 | 0.134 | 2   | 2.67 | 0.074 | 0.47 | 0.05 | 0.005 | 7.8  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW101119 | 0.096 | 2   | 2.28 | 0.024 | 0.1  | 0.05 | 0.04  | 8.8  | 0.05 | 0.025 | 7  | 0.6  | 1DX15  | WHI10000123 |
| BRW101120 | 0.086 | 2   | 2.22 | 0.018 | 0.27 | 0.05 | 0.04  | 11.8 | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW101121 | 0.098 | 2   | 2.51 | 0.019 | 0.21 | 0.05 | 0.005 | 7.9  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW101122 | 0.097 | 1   | 2.42 | 0.018 | 0.44 | 0.05 | 0.01  | 9.6  | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW101123 | 0.047 | 2   | 2.7  | 0.035 | 0.13 | 0.05 | 0.03  | 14.8 | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW101125 | 0.11  | 0.5 | 2.15 | 0.035 | 0.33 | 0.05 | 0.02  | 6.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW101126 | 0.109 | 1   | 2.15 | 0.037 | 0.33 | 0.05 | 0.02  | 6.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW101128 | 0.08  | 2   | 1.52 | 0.019 | 0.11 | 0.1  | 0.01  | 6.9  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000123 |
| BRW101129 | 0.065 | 2   | 1.1  | 0.029 | 0.05 | 0.2  | 0.03  | 3.2  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000123 |
| BRW101130 | 0.145 | 1   | 2.48 | 0.017 | 0.41 | 0.05 | 0.01  | 4.8  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW101131 | 0.196 | 2   | 2.81 | 0.01  | 0.91 | 0.05 | 0.005 | 3.5  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW101132 | 0.165 | 2   | 2.79 | 0.023 | 0.9  | 0.05 | 0.01  | 8.4  | 0.4  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000123 |
| BRW101133 | 0.046 | 2   | 1.73 | 0.018 | 0.09 | 0.05 | 0.03  | 7.6  | 0.05 | 0.025 | 5  | 0.8  | 1DX15  | WHI10000123 |
| BRW101134 | 0.026 | 2   | 1.59 | 0.007 | 0.21 | 0.05 | 0.005 | 2.8  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW101136 | 0.032 | 2   | 2.97 | 0.043 | 0.04 | 0.05 | 0.02  | 12.7 | 0.05 | 0.025 | 13 | 0.6  | 1DX15  | WHI10000123 |
| BRW101137 | 0.041 | 3   | 2.44 | 0.029 | 0.05 | 0.05 | 0.03  | 9.4  | 0.05 | 0.025 | 8  | 0.5  | 1DX15  | WHI10000123 |
| BRW101138 | 0.108 | 6   | 2.7  | 0.056 | 0.1  | 0.05 | 0.03  | 8.3  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW101141 | 0.11  | 2   | 2.17 | 0.019 | 0.47 | 0.05 | 0.13  | 11.3 | 0.2  | 0.025 | 8  | 1.1  | 1DX15  | WHI10000123 |
| BRW101141 | 0.102 | 3   | 2.04 | 0.021 | 0.44 | 0.05 | 0.13  | 10.3 | 0.2  | 0.025 | 8  | 1    | 1DX15  | WHI10000123 |
| BRW101143 | 0.07  | 2   | 2.4  | 0.011 | 0.43 | 0.05 | 0.01  | 8.2  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW101144 | 0.074 | 2   | 2.12 | 0.017 | 0.19 | 0.05 | 0.03  | 8.4  | 0.05 | 0.025 | 8  | 0.5  | 1DX15  | WHI10000123 |
| BRW101194 | 0.059 | 0.5 | 1.71 | 0.03  | 0.04 | 0.05 | 0.01  | 9.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW101195 | 0.081 | 0.5 | 1.72 | 0.079 | 0.08 | 0.05 | 0.005 | 3.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW101198 | 0.036 | 0.5 | 2.17 | 0.016 | 0.08 | 0.05 | 0.01  | 8.3  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW101203 | 0.156 | 0.5 | 3.1  | 0.039 | 0.78 | 0.05 | 0.01  | 7    | 0.3  | 0.025 | 11 | 0.5  | 1DX15  | WHI10000123 |
| BRW101204 | 0.159 | 0.5 | 2.48 | 0.035 | 0.67 | 0.05 | 0.005 | 7.9  | 0.2  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW101205 | 0.16  | 0.5 | 2.88 | 0.019 | 0.63 | 0.05 | 0.02  | 10.7 | 0.3  | 0.025 | 12 | 0.7  | 1DX15  | WHI10000123 |
| BRW101206 | 0.129 | 0.5 | 1.52 | 0.049 | 0.1  | 0.05 | 0.005 | 7.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW101207 | 0.144 | 0.5 | 1.87 | 0.023 | 0.61 | 0.05 | 0.005 | 5.7  | 0.2  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000123 |
| BRW101208 | 0.149 | 0.5 | 1.88 | 0.035 | 0.58 | 0.05 | 0.005 | 6.4  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW101208 | 0.154 | 0.5 | 1.91 | 0.037 | 0.58 | 0.05 | 0.005 | 6.6  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW101209 | 0.173 | 0.5 | 3.05 | 0.055 | 0.15 | 0.05 | 0.005 | 10   | 0.05 | 0.025 | 14 | 0.7  | 1DX15  | WHI10000123 |
| BRW101211 | 0.21  | 0.5 | 2.86 | 0.01  | 0.94 | 0.05 | 0.02  | 4.7  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW101212 | 0.145 | 0.5 | 2.54 | 0.021 | 0.49 | 0.05 | 0.01  | 5.6  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW101215 | 0.092 | 1   | 3.01 | 0.009 | 0.25 | 0.05 | 0.02  | 7.1  | 0.05 | 0.025 | 9  | 0.6  | 1DX15  | WHI10000123 |
| BRW101215 | 0     | 0   | 0    | 0     | 0    | 0    | 0     | 0    | 0    | 0     | 0  | 0    | 1DX15  | WHI10000123 |
| BRW101217 | 0.088 | 0.5 | 2.23 | 0.06  | 0.28 | 0.05 | 0.02  | 11.7 | 0.05 | 0.025 | 7  | 0.6  | 1DX15  | WHI10000123 |
| BRW101220 | 0.033 | 3   | 1.84 | 0.022 | 0.11 | 0.05 | 0.21  | 14.1 | 0.05 | 0.025 | 7  | 1.1  | 1DX15  | WHI10000123 |
| BRW101223 | 0.07  | 1   | 3.29 | 0.02  | 0.3  | 0.05 | 0.02  | 13.8 | 0.05 | 0.025 | 11 | 0.6  | 1DX15  | WHI10000123 |
| BRW101223 | 0.062 | 1   | 3.22 | 0.024 | 0.29 | 0.05 | 0.02  | 13.1 | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW101225 | 0.078 | 1   | 2.51 | 0.022 | 0.23 | 0.05 | 0.17  | 9.5  | 0.05 | 0.025 | 9  | 0.6  | 1DX15  | WHI10000123 |
| BRW101258 | 0.079 | 2   | 2.53 | 0.092 | 0.26 | 0.05 | 0.01  | 15.7 | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW101260 | 0.096 | 2   | 1.42 | 0.043 | 0.09 | 0.2  | 0.03  | 3.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW101263 | 0.115 | 2   | 2.76 | 0.021 | 0.46 | 0.05 | 0.005 | 8.6  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW101264 | Soil | 596212     | 7005633    | 07V      | 0.6  | 63.5  | 2    | 78  | 0.05 | 20.8  | 21.9 |
| BRW101264 | REP  | 596212     | 7005633    | 07V      | 0.6  | 61.6  | 1.9  | 78  | 0.05 | 20    | 22.5 |
| BRW101265 | Soil | 596252     | 7005663    | 07V      | 1.1  | 38.8  | 11.6 | 199 | 0.05 | 22.4  | 15.7 |
| BRW101266 | Soil | 596292     | 7005692    | 07V      | 0.6  | 101.8 | 2.5  | 30  | 0.05 | 99.1  | 19.6 |
| BRW101268 | Soil | 596180     | 7005737    | 07V      | 0.5  | 26.8  | 8.4  | 91  | 0.05 | 26.3  | 22.2 |
| BRW101269 | Soil | 596141     | 7005704    | 07V      | 0.6  | 59.4  | 2.5  | 47  | 0.05 | 50.4  | 27.7 |
| BRW101271 | Soil | 596064     | 7005643    | 07V      | 0.5  | 46.6  | 3.3  | 63  | 0.05 | 33.1  | 21.9 |
| BRW101272 | Soil | 596034     | 7005624    | 07V      | 0.6  | 44.1  | 3    | 71  | 0.05 | 35.9  | 21.1 |
| BRW101273 | Soil | 595985     | 7005581    | 07V      | 0.7  | 39.8  | 7.1  | 65  | 0.1  | 31.1  | 12.3 |
| BRW101337 | Soil | 597199     | 7005262    | 07V      | 1.4  | 27.8  | 10.3 | 69  | 0.05 | 26.9  | 11.7 |
| BRW101340 | Soil | 597316     | 7005355    | 07V      | 1.2  | 26.9  | 9    | 69  | 0.05 | 28.3  | 12.1 |
| BRW101342 | Soil | 596963     | 7005077    | 07V      | 0.5  | 27.1  | 7.7  | 60  | 0.1  | 21.6  | 9.9  |
| BRW101344 | Soil | 597396     | 7005416    | 07V      | 1.3  | 54.5  | 7.5  | 99  | 0.2  | 43.5  | 19.3 |
| BRW101348 | Soil | 597554     | 7005538    | 07V      | 0.7  | 27.1  | 7.1  | 61  | 0.05 | 24.6  | 10.1 |
| BRW101349 | Soil | 597595     | 7005570    | 07V      | 1.6  | 66.8  | 21   | 158 | 0.05 | 66.4  | 30.7 |
| BRW101350 | Soil | 597631     | 7005599    | 07V      | 1.4  | 33.7  | 7.8  | 61  | 0.05 | 43.8  | 21.8 |
| BRW101351 | Soil | 597670     | 7005629    | 07V      | 1.1  | 49.4  | 8.3  | 97  | 0.05 | 59    | 21.3 |
| BRW101352 | Soil | 597709     | 7005660    | 07V      | 1.7  | 77.9  | 10.6 | 105 | 0.2  | 72.6  | 27.1 |
| BRW101354 | Soil | 597788     | 7005723    | 07V      | 1.9  | 68.3  | 11   | 89  | 0.05 | 49.7  | 21.2 |
| BRW101355 | Soil | 597829     | 7005754    | 07V      | 1.4  | 27.5  | 8.9  | 108 | 0.05 | 15.8  | 11.8 |
| BRW101359 | Soil | 597948     | 7005846    | 07V      | 0.9  | 27.7  | 10.6 | 107 | 0.05 | 21.9  | 14.6 |
| BRW101361 | Soil | 598025     | 7005908    | 07V      | 1    | 31.2  | 8.3  | 86  | 0.05 | 55    | 21.3 |
| BRW101361 | REP  | 598025     | 7005908    | 07V      | 0.9  | 29.3  | 8.4  | 88  | 0.05 | 55.1  | 20.9 |
| BRW101373 | Soil | 597158     | 7006370    |          | 0.9  | 36.7  | 12   | 111 | 0.05 | 24.7  | 16   |
| BRW101495 | Soil | 597024     | 7004999    | 07V      | 0.5  | 22.5  | 2.4  | 88  | 0.05 | 14.8  | 19.5 |
| BRW101500 | Soil | 597222     | 7005151    | 07V      | 0.8  | 22.7  | 8    | 58  | 0.05 | 24.2  | 11.6 |
| BRW102614 | Soil | 596776     | 7004420    | 07V      | 0.3  | 48.1  | 3    | 51  | 0.05 | 32.7  | 16.4 |
| BRW102624 | Soil | 596870     | 7004625    | 07V      | 0.05 | 45.8  | 2.3  | 40  | 0.05 | 253.9 | 29.1 |
| BRW102625 | Soil | 596830     | 7004595    | 07V      | 0.2  | 83.3  | 1.8  | 41  | 0.05 | 21.5  | 15.5 |
| BRW102626 | Soil | 596793     | 7004562    | 07V      | 0.2  | 62.6  | 2.2  | 41  | 0.05 | 21.9  | 13.9 |
| BRW102627 | Soil | 596750     | 7004532    | 07V      | 0.2  | 78.4  | 3.2  | 60  | 0.05 | 30    | 21.4 |
| BRW102628 | Soil | 596711     | 7004502    | 07V      | 0.05 | 31.4  | 3.1  | 86  | 0.05 | 26    | 20   |
| BRW102628 | REP  | 596711     | 7004502    | 07V      | 0.05 | 32.9  | 3.2  | 88  | 0.05 | 27.2  | 20.4 |
| BRW102629 | Soil | 596672     | 7004471    | 07V      | 0.4  | 35.7  | 2.4  | 60  | 0.05 | 5.9   | 19.5 |
| BRW102630 | Soil | 596631     | 7004442    | 07V      | 0.3  | 38.6  | 3.1  | 88  | 0.05 | 10.6  | 14.4 |
| BRW102631 | Soil | 596107     | 7005929    | 07V      | 0.4  | 27.3  | 12   | 131 | 0.05 | 70.8  | 18.5 |
| BRW102634 | Soil | 596007     | 7005978    | 07V      | 0.4  | 25.3  | 9.5  | 78  | 0.05 | 40.3  | 15.6 |
| BRW102637 | Soil | 595847     | 7005855    | 07V      | 0.5  | 52.5  | 1.6  | 60  | 0.05 | 28.7  | 20.4 |
| BRW102642 | Soil | 596151     | 7005459    | 07V      | 1    | 54.6  | 4.5  | 75  | 0.05 | 17.8  | 16   |
| BRW102651 | Soil | 596192     | 7005490    | 07V      | 0.6  | 33.9  | 6    | 62  | 0.05 | 25.4  | 12.7 |
| BRW102754 | Soil | 597382     | 7005273    | 07V      | 1.3  | 27.8  | 8.4  | 52  | 0.05 | 23.7  | 9.6  |
| BRW102756 | Soil | 597460     | 7005337    | 07V      | 0.9  | 28    | 8.1  | 54  | 0.05 | 32    | 14   |
| BRW102757 | Soil | 597500     | 7005367    | 07V      | 1    | 23.7  | 7.9  | 59  | 0.1  | 26.9  | 12   |
| BRW102766 | Soil | 597889     | 7005674    | 07V      | 6.2  | 49.6  | 12.1 | 139 | 0.1  | 31.7  | 20.2 |
| BRW102777 | Soil | 597164     | 7007011    | 07V      | 0.6  | 16    | 6.1  | 60  | 0.05 | 6.8   | 7.4  |
| BRW102778 | Soil | 597124     | 7006979    | 07V      | 0.8  | 45.8  | 12.5 | 83  | 0.05 | 10.8  | 10.3 |
| BRW102779 | Soil | 597083     | 7006947    | 07V      | 0.3  | 12.5  | 3.4  | 122 | 0.05 | 8.1   | 10.8 |
| BRW102780 | Soil | 597044     | 7006918    | 07V      | 2    | 27.4  | 10.3 | 100 | 0.05 | 40.1  | 20.4 |
| BRW102781 | Soil | 597005     | 7006887    | 07V      | 0.2  | 86.8  | 6.4  | 87  | 0.05 | 32.8  | 21.2 |
| BRW102783 | Soil | 596925     | 7006827    | 07V      | 1.9  | 41    | 15.6 | 55  | 0.2  | 26.5  | 11.2 |
| BRW102785 | Soil | 596844     | 7006765    | 07V      | 42.6 | 46.5  | 13.7 | 137 | 0.1  | 90.9  | 30.1 |
| BRW102786 | Soil | 596806     | 7006735    | 07V      | 1.3  | 19.9  | 12.1 | 90  | 0.05 | 23.8  | 15.8 |
| BRW102787 | Soil | 596768     | 7006701    | 07V      | 1.3  | 26.9  | 9.7  | 86  | 0.05 | 21.7  | 10   |
| BRW102788 | Soil | 596730     | 7006673    | 07V      | 0.2  | 44.1  | 3.2  | 77  | 0.05 | 17.2  | 18.5 |
| BRW102789 | Soil | 596690     | 7006641    | 07V      | 0.9  | 16.9  | 6.4  | 95  | 0.05 | 15.1  | 17.3 |
| BRW102790 | Soil | 596652     | 7006609    | 07V      | 0.6  | 34.4  | 5.1  | 61  | 0.05 | 28.4  | 18.9 |
| BRW102791 | Soil | 596615     | 7006579    | 07V      | 1    | 50.7  | 10.4 | 104 | 0.05 | 31.3  | 20.3 |
| BRW102792 | Soil | 596572     | 7006548    | 07V      | 1.2  | 72.3  | 13.5 | 130 | 0.05 | 21.8  | 15.1 |
| BRW102794 | Soil | 596497     | 7006490    | 07V      | 1.2  | 65.6  | 10   | 122 | 0.05 | 63.5  | 17.9 |
| BRW102796 | Soil | 596417     | 7006425    | 07V      | 1.2  | 51.6  | 11   | 130 | 0.05 | 57.3  | 16.4 |
| BRW102797 | Soil | 596378     | 7006395    | 07V      | 1.3  | 51.4  | 9.3  | 125 | 0.05 | 53.7  | 19.2 |
| BRW102798 | Soil | 596338     | 7006365    | 07V      | 1    | 48.9  | 7.7  | 85  | 0.05 | 57.1  | 22.2 |
| BRW102799 | Soil | 596297     | 7006334    | 07V      | 0.9  | 24    | 9.2  | 58  | 0.1  | 21.8  | 10.7 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|----|------|------|------|-----|------|-------|-----|-----|------|-----|
| BRW101264 | 700  | 4.41 | 0.7  | 0.4 | 0.7  | 1.8  | 24 | 0.05 | 0.05 | 0.05 | 148 | 0.74 | 0.078 | 10  | 53  | 1.72 | 354 |
| BRW101264 | 701  | 4.37 | 0.8  | 0.4 | 1.1  | 1.9  | 24 | 0.05 | 0.05 | 0.05 | 147 | 0.73 | 0.072 | 10  | 55  | 1.77 | 363 |
| BRW101265 | 859  | 4.08 | 17.9 | 0.5 | 0.5  | 7    | 18 | 0.3  | 0.4  | 0.2  | 62  | 1.78 | 0.09  | 21  | 36  | 1.6  | 529 |
| BRW101266 | 284  | 2.06 | 3    | 0.2 | 0.25 | 1.3  | 19 | 0.05 | 0.05 | 0.05 | 58  | 0.95 | 0.263 | 5   | 62  | 0.89 | 200 |
| BRW101268 | 1360 | 5.07 | 4.4  | 0.4 | 1    | 3    | 16 | 0.05 | 0.05 | 0.05 | 127 | 0.74 | 0.129 | 31  | 63  | 1.6  | 528 |
| BRW101269 | 402  | 3.52 | 1.6  | 0.4 | 0.25 | 3.8  | 12 | 0.05 | 0.05 | 0.05 | 99  | 0.78 | 0.13  | 15  | 106 | 1.51 | 249 |
| BRW101271 | 584  | 3.43 | 0.5  | 0.8 | 0.6  | 5.3  | 44 | 0.05 | 0.05 | 0.05 | 82  | 0.9  | 0.064 | 9   | 125 | 1.95 | 386 |
| BRW101272 | 503  | 3.33 | 2.4  | 0.5 | 0.9  | 3.1  | 32 | 0.05 | 0.05 | 0.05 | 81  | 0.91 | 0.09  | 32  | 118 | 1.9  | 238 |
| BRW101273 | 506  | 2.81 | 8.4  | 1   | 3.2  | 3.5  | 46 | 0.3  | 0.6  | 0.1  | 65  | 0.94 | 0.078 | 14  | 32  | 0.68 | 304 |
| BRW101337 | 445  | 2.8  | 6.7  | 1.2 | 2.8  | 7.2  | 29 | 0.2  | 0.5  | 0.1  | 58  | 0.52 | 0.063 | 24  | 41  | 0.6  | 354 |
| BRW101340 | 437  | 2.94 | 8.5  | 0.9 | 4.3  | 8.2  | 21 | 0.1  | 0.4  | 0.1  | 49  | 0.38 | 0.057 | 24  | 35  | 0.56 | 256 |
| BRW101342 | 298  | 2.31 | 6.5  | 1   | 3.7  | 3    | 35 | 0.3  | 0.5  | 0.1  | 49  | 0.78 | 0.059 | 12  | 29  | 0.53 | 313 |
| BRW101344 | 715  | 4.04 | 10.3 | 0.5 | 1.4  | 7.2  | 24 | 0.3  | 0.7  | 0.1  | 74  | 0.81 | 0.067 | 27  | 57  | 1.19 | 434 |
| BRW101348 | 337  | 2.34 | 6.7  | 1   | 1.7  | 3.5  | 39 | 0.2  | 0.6  | 0.2  | 48  | 0.77 | 0.069 | 15  | 28  | 0.56 | 273 |
| BRW101349 | 904  | 6.05 | 4    | 0.7 | 0.9  | 12   | 19 | 0.2  | 0.2  | 0.1  | 93  | 0.42 | 0.118 | 25  | 86  | 1.33 | 400 |
| BRW101350 | 410  | 4.49 | 3.7  | 1.2 | 2.3  | 10.9 | 11 | 0.05 | 0.2  | 0.05 | 84  | 0.16 | 0.054 | 31  | 36  | 0.99 | 230 |
| BRW101351 | 586  | 4.48 | 5    | 0.7 | 3.2  | 5.4  | 23 | 0.1  | 0.3  | 0.1  | 77  | 0.43 | 0.089 | 17  | 70  | 1.15 | 322 |
| BRW101352 | 1064 | 6.39 | 7    | 1.3 | 3.4  | 19.4 | 29 | 0.05 | 0.4  | 0.1  | 70  | 0.5  | 0.053 | 62  | 74  | 1.01 | 284 |
| BRW101354 | 454  | 4.96 | 3.1  | 1.4 | 1.7  | 22.1 | 25 | 0.05 | 0.2  | 0.05 | 70  | 0.25 | 0.043 | 58  | 59  | 1.24 | 504 |
| BRW101355 | 519  | 5.44 | 6.5  | 0.4 | 1.6  | 12.9 | 17 | 0.1  | 0.3  | 0.1  | 79  | 0.21 | 0.05  | 18  | 29  | 1.07 | 516 |
| BRW101359 | 532  | 4.19 | 6.6  | 0.7 | 3    | 9.3  | 18 | 0.1  | 0.3  | 0.1  | 69  | 0.31 | 0.07  | 27  | 43  | 1.03 | 236 |
| BRW101361 | 560  | 4.36 | 14.8 | 1.1 | 1.7  | 19.7 | 13 | 0.05 | 0.3  | 0.05 | 39  | 0.21 | 0.036 | 43  | 45  | 0.85 | 184 |
| BRW101361 | 546  | 4.35 | 14   | 1   | 1    | 19   | 12 | 0.05 | 0.2  | 0.05 | 40  | 0.2  | 0.032 | 41  | 45  | 0.86 | 187 |
| BRW101373 | 805  | 4.94 | 8.4  | 2.1 | 2.1  | 36.4 | 16 | 0.05 | 0.4  | 0.2  | 86  | 0.55 | 0.172 | 71  | 84  | 1.51 | 219 |
| BRW101495 | 621  | 4.43 | 0.25 | 0.4 | 1.2  | 5.7  | 26 | 0.05 | 0.05 | 0.05 | 80  | 0.71 | 0.128 | 15  | 41  | 1.48 | 459 |
| BRW101500 | 262  | 2.81 | 4.3  | 0.8 | 3    | 8.7  | 17 | 0.05 | 0.3  | 0.1  | 46  | 0.28 | 0.04  | 23  | 34  | 0.49 | 205 |
| BRW102614 | 452  | 2.97 | 1.7  | 0.6 | 2.9  | 1.3  | 51 | 0.05 | 0.1  | 0.05 | 72  | 1.06 | 0.04  | 11  | 66  | 1.33 | 97  |
| BRW102624 | 301  | 2.28 | 1    | 0.2 | 0.25 | 1.1  | 13 | 0.05 | 0.3  | 0.05 | 51  | 1.86 | 0.059 | 3   | 478 | 2.46 | 43  |
| BRW102625 | 299  | 2.74 | 2.6  | 0.2 | 0.25 | 1.1  | 48 | 0.05 | 0.05 | 0.05 | 77  | 1.21 | 0.104 | 2   | 32  | 1.16 | 114 |
| BRW102626 | 374  | 2.21 | 2    | 0.2 | 0.7  | 1.9  | 63 | 0.05 | 0.05 | 0.05 | 62  | 1.1  | 0.082 | 3   | 34  | 1.19 | 134 |
| BRW102627 | 514  | 3.67 | 1.7  | 0.2 | 0.6  | 2    | 95 | 0.05 | 0.05 | 0.05 | 113 | 2.25 | 0.093 | 5   | 44  | 1.95 | 124 |
| BRW102628 | 660  | 3.78 | 0.7  | 0.2 | 0.25 | 1    | 80 | 0.05 | 0.05 | 0.05 | 104 | 1.85 | 0.101 | 4   | 41  | 1.7  | 168 |
| BRW102628 | 663  | 3.77 | 0.5  | 0.2 | 0.25 | 1    | 84 | 0.05 | 0.05 | 0.05 | 105 | 1.86 | 0.099 | 4   | 42  | 1.73 | 164 |
| BRW102629 | 760  | 3.88 | 2.2  | 0.6 | 5.3  | 4.1  | 24 | 0.05 | 0.1  | 0.05 | 85  | 0.5  | 0.107 | 11  | 8   | 1.16 | 211 |
| BRW102630 | 535  | 4.14 | 1.2  | 0.4 | 1.4  | 1.7  | 31 | 0.05 | 0.2  | 0.05 | 91  | 0.67 | 0.09  | 7   | 24  | 1.22 | 194 |
| BRW102631 | 586  | 5.3  | 4.4  | 1.2 | 1.8  | 30.3 | 33 | 0.05 | 0.1  | 0.05 | 58  | 0.75 | 0.175 | 154 | 87  | 1.31 | 236 |
| BRW102634 | 577  | 4.18 | 5.5  | 0.8 | 2.4  | 20   | 16 | 0.05 | 0.1  | 0.05 | 47  | 0.26 | 0.028 | 25  | 59  | 0.84 | 150 |
| BRW102637 | 372  | 4.22 | 3.1  | 0.3 | 0.25 | 0.6  | 15 | 0.1  | 0.3  | 0.05 | 141 | 1.02 | 0.07  | 6   | 50  | 1.47 | 197 |
| BRW102642 | 495  | 3.81 | 5.3  | 0.7 | 7.2  | 4.1  | 50 | 0.1  | 0.4  | 0.05 | 91  | 0.9  | 0.085 | 18  | 29  | 0.99 | 273 |
| BRW102651 | 425  | 2.86 | 6.6  | 0.6 | 5.2  | 3.1  | 73 | 0.2  | 0.4  | 0.1  | 60  | 3.82 | 0.08  | 13  | 50  | 0.99 | 293 |
| BRW102754 | 279  | 2.76 | 7.1  | 1.1 | 3.1  | 7.3  | 23 | 0.05 | 0.4  | 0.05 | 50  | 0.38 | 0.049 | 26  | 35  | 0.51 | 208 |
| BRW102756 | 415  | 2.69 | 7.6  | 1.1 | 1.3  | 3.9  | 36 | 0.1  | 0.5  | 0.1  | 61  | 0.56 | 0.053 | 15  | 45  | 0.64 | 293 |
| BRW102757 | 536  | 2.42 | 8    | 0.8 | 9.4  | 3.4  | 34 | 0.2  | 0.5  | 0.1  | 56  | 0.61 | 0.067 | 14  | 36  | 0.54 | 280 |
| BRW102766 | 1082 | 6.42 | 17.1 | 0.7 | 1    | 14.5 | 13 | 0.2  | 0.2  | 0.05 | 122 | 0.55 | 0.135 | 42  | 48  | 1.01 | 599 |
| BRW102777 | 415  | 3.82 | 2.1  | 1.1 | 3.5  | 5    | 18 | 0.05 | 0.4  | 0.1  | 24  | 0.19 | 0.015 | 16  | 9   | 0.27 | 372 |
| BRW102778 | 425  | 5.42 | 4.4  | 1.6 | 1.7  | 6.6  | 23 | 0.05 | 0.4  | 0.3  | 35  | 0.37 | 0.054 | 39  | 14  | 0.3  | 518 |
| BRW102779 | 596  | 5.68 | 1.7  | 1   | 3.2  | 9.6  | 16 | 0.05 | 0.1  | 0.05 | 39  | 0.46 | 0.082 | 36  | 10  | 0.61 | 535 |
| BRW102780 | 944  | 3.69 | 7.7  | 0.7 | 1.6  | 3.4  | 13 | 0.1  | 1.4  | 0.3  | 77  | 0.08 | 0.049 | 10  | 36  | 0.67 | 673 |
| BRW102781 | 1242 | 4.48 | 1.3  | 0.5 | 1    | 3.4  | 17 | 0.05 | 0.05 | 0.05 | 63  | 0.69 | 0.059 | 11  | 264 | 1.9  | 600 |
| BRW102783 | 228  | 2.8  | 27.6 | 1.1 | 3.2  | 3.3  | 21 | 0.1  | 1.6  | 0.2  | 66  | 0.14 | 0.041 | 9   | 39  | 0.46 | 277 |
| BRW102785 | 646  | 5.3  | 18.6 | 3.6 | 48.9 | 6.2  | 26 | 0.3  | 1.8  | 0.2  | 49  | 0.08 | 0.106 | 21  | 33  | 0.13 | 248 |
| BRW102786 | 597  | 4.17 | 8.8  | 0.7 | 2.7  | 7.7  | 18 | 0.1  | 1    | 0.1  | 80  | 0.29 | 0.036 | 16  | 54  | 0.97 | 653 |
| BRW102787 | 517  | 3.74 | 8.2  | 0.8 | 13.9 | 8.7  | 21 | 0.05 | 1.1  | 0.1  | 62  | 0.36 | 0.045 | 18  | 32  | 0.7  | 380 |
| BRW102788 | 696  | 4.72 | 3.8  | 0.8 | 2.2  | 6.6  | 17 | 0.05 | 0.2  | 0.05 | 97  | 0.38 | 0.053 | 26  | 63  | 1.67 | 461 |
| BRW102789 | 721  | 4.67 | 4.9  | 0.6 | 1.4  | 5.1  | 15 | 0.05 | 0.2  | 0.05 | 88  | 0.29 | 0.038 | 14  | 25  | 1.22 | 289 |
| BRW102790 | 566  | 4.23 | 5.4  | 0.5 | 0.8  | 4.5  | 14 | 0.05 | 0.2  | 0.05 | 97  | 0.34 | 0.048 | 8   | 74  | 1.42 | 324 |
| BRW102791 | 719  | 5.42 | 5.2  | 0.8 | 0.8  | 9.1  | 19 | 0.1  | 0.2  | 0.05 | 118 | 0.6  | 0.096 | 27  | 58  | 1.62 | 451 |
| BRW102792 | 643  | 5.81 | 7.5  | 1   | 1.9  | 21.2 | 13 | 0.05 | 0.3  | 0.1  | 88  | 0.23 | 0.053 | 37  | 30  | 0.83 | 350 |
| BRW102794 | 423  | 4.73 | 2.4  | 0.8 | 0.9  | 9.8  | 17 | 0.05 | 0.2  | 0.05 | 144 | 0.27 | 0.028 | 51  | 98  | 1.32 | 563 |
| BRW102796 | 405  | 4.11 | 2.4  | 1   | 3.8  | 21.4 | 15 | 0.1  | 0.2  | 0.05 | 108 | 0.3  | 0.081 | 75  | 109 | 1.11 | 674 |
| BRW102797 | 635  | 4.29 | 6.4  | 0.6 | 2.6  | 16.5 | 18 | 0.05 | 0.2  | 0.05 | 85  | 0.74 | 0.09  | 50  | 71  | 0.93 | 483 |
| BRW102798 | 688  | 5.23 | 5.9  | 0.8 | 2.3  | 20.7 | 14 | 0.05 | 0.2  | 0.05 | 69  | 0.37 | 0.043 | 45  | 80  | 1.33 | 352 |
| BRW102799 | 370  | 2.65 | 6.8  | 1.1 | 2.8  | 4.5  | 32 | 0.1  | 0.5  | 0.1  | 58  | 0.56 | 0.062 | 18  | 32  | 0.48 | 428 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW101264 | 0.107 | 0.5 | 2.39 | 0.042 | 0.44 | 0.05 | 0.005 | 11.3 | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW101264 | 0.106 | 2   | 2.41 | 0.043 | 0.46 | 0.05 | 0.005 | 11.5 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW101265 | 0.137 | 2   | 2.32 | 0.011 | 1.06 | 0.05 | 0.07  | 8.4  | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW101266 | 0.088 | 2   | 1.26 | 0.033 | 0.21 | 0.05 | 0.005 | 4.6  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000123 |
| BRW101268 | 0.093 | 0.5 | 2.54 | 0.017 | 0.49 | 0.05 | 0.02  | 14   | 0.2  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000123 |
| BRW101269 | 0.104 | 2   | 2.01 | 0.032 | 0.42 | 0.05 | 0.01  | 10.1 | 0.2  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000123 |
| BRW101271 | 0.136 | 1   | 2.79 | 0.025 | 0.59 | 0.05 | 0.005 | 6.7  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW101272 | 0.123 | 2   | 2.21 | 0.024 | 0.34 | 0.05 | 0.02  | 7.4  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW101273 | 0.088 | 3   | 1.63 | 0.034 | 0.08 | 0.1  | 0.04  | 4.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW101337 | 0.1   | 1   | 1.74 | 0.017 | 0.14 | 0.2  | 0.03  | 4    | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW101340 | 0.085 | 0.5 | 1.42 | 0.012 | 0.21 | 0.1  | 0.02  | 3.8  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW101342 | 0.064 | 1   | 1.4  | 0.015 | 0.05 | 0.1  | 0.03  | 3.3  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000123 |
| BRW101344 | 0.116 | 2   | 1.87 | 0.015 | 0.46 | 0.05 | 0.04  | 5.9  | 0.2  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000123 |
| BRW101348 | 0.062 | 2   | 1.26 | 0.02  | 0.06 | 0.2  | 0.03  | 3.1  | 0.05 | 0.05  | 4  | 0.6  | 1DX15  | WHI10000123 |
| BRW101349 | 0.158 | 1   | 2.43 | 0.007 | 1.12 | 0.05 | 0.005 | 6.5  | 0.5  | 0.025 | 9  | 0.8  | 1DX15  | WHI10000123 |
| BRW101350 | 0.14  | 1   | 2.18 | 0.01  | 0.66 | 0.05 | 0.005 | 4.7  | 0.4  | 0.025 | 7  | 1    | 1DX15  | WHI10000123 |
| BRW101351 | 0.114 | 1   | 2.4  | 0.012 | 0.35 | 0.05 | 0.005 | 6.5  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW101352 | 0.056 | 2   | 1.85 | 0.009 | 0.42 | 0.05 | 0.04  | 11.7 | 0.4  | 0.07  | 7  | 1    | 1DX15  | WHI10000123 |
| BRW101354 | 0.133 | 0.5 | 2.43 | 0.012 | 0.68 | 0.05 | 0.01  | 5    | 0.4  | 0.06  | 9  | 0.9  | 1DX15  | WHI10000123 |
| BRW101355 | 0.249 | 1   | 2.78 | 0.011 | 0.91 | 0.05 | 0.01  | 5.9  | 0.3  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000123 |
| BRW101359 | 0.157 | 0.5 | 2.23 | 0.011 | 0.54 | 0.1  | 0.01  | 6.2  | 0.4  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000123 |
| BRW101361 | 0.09  | 1   | 1.61 | 0.006 | 0.4  | 0.05 | 0.005 | 5.5  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW101361 | 0.093 | 0.5 | 1.61 | 0.006 | 0.41 | 0.05 | 0.005 | 5.3  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW101373 | 0.184 | 2   | 2.96 | 0.014 | 1.13 | 0.2  | 0.02  | 11.3 | 0.6  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000123 |
| BRW101495 | 0.272 | 2   | 2.62 | 0.014 | 1.07 | 0.05 | 0.01  | 4.1  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW101500 | 0.094 | 1   | 1.46 | 0.012 | 0.21 | 0.05 | 0.03  | 3.7  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW102614 | 0.068 | 0.5 | 2.59 | 0.03  | 0.05 | 0.05 | 0.02  | 7.9  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102624 | 0.071 | 2   | 1.74 | 0.014 | 0.05 | 0.05 | 0.01  | 3    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW102625 | 0.104 | 1   | 2.41 | 0.046 | 0.06 | 0.05 | 0.005 | 4.9  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102626 | 0.128 | 1   | 2.39 | 0.037 | 0.06 | 0.05 | 0.005 | 3.3  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW102627 | 0.188 | 1   | 3.22 | 0.03  | 0.04 | 0.05 | 0.005 | 6.1  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW102628 | 0.124 | 1   | 3.39 | 0.019 | 0.08 | 0.05 | 0.005 | 6.2  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW102628 | 0.13  | 1   | 3.45 | 0.02  | 0.08 | 0.05 | 0.005 | 6.5  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW102629 | 0.218 | 0.5 | 1.95 | 0.019 | 0.49 | 0.05 | 0.005 | 5.5  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW102630 | 0.15  | 0.5 | 2.08 | 0.018 | 0.33 | 0.05 | 0.02  | 6.6  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW102631 | 0.096 | 4   | 2.62 | 0.01  | 0.89 | 0.05 | 0.03  | 7.5  | 0.8  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW102634 | 0.162 | 2   | 2.18 | 0.008 | 0.93 | 0.05 | 0.005 | 5.8  | 0.6  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102637 | 0.128 | 1   | 2.08 | 0.078 | 0.19 | 0.05 | 0.005 | 8.2  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102642 | 0.089 | 2   | 2.22 | 0.037 | 0.11 | 0.05 | 0.03  | 8.1  | 0.05 | 0.025 | 6  | 0.7  | 1DX15  | WHI10000123 |
| BRW102651 | 0.056 | 2   | 1.47 | 0.024 | 0.18 | 0.05 | 0.03  | 5.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW102754 | 0.09  | 0.5 | 1.54 | 0.014 | 0.13 | 0.1  | 0.03  | 4.2  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW102756 | 0.084 | 2   | 1.87 | 0.026 | 0.05 | 0.1  | 0.03  | 4.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW102757 | 0.068 | 2   | 1.41 | 0.025 | 0.05 | 0.2  | 0.03  | 3.5  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000123 |
| BRW102766 | 0.11  | 2   | 1.87 | 0.009 | 0.74 | 0.05 | 0.02  | 17.5 | 0.4  | 0.025 | 8  | 0.8  | 1DX15  | WHI10000123 |
| BRW102777 | 0.038 | 1   | 1.38 | 0.008 | 0.31 | 0.2  | 0.03  | 14.2 | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW102778 | 0.015 | 1   | 1.93 | 0.009 | 0.13 | 0.1  | 0.03  | 16.5 | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102779 | 0.134 | 0.5 | 2.47 | 0.023 | 1.14 | 0.05 | 0.02  | 11.7 | 0.7  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000123 |
| BRW102780 | 0.083 | 2   | 2.56 | 0.009 | 0.28 | 0.1  | 0.05  | 6.7  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102781 | 0.09  | 0.5 | 3.09 | 0.023 | 0.99 | 0.05 | 0.02  | 9.8  | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW102783 | 0.047 | 2   | 1.77 | 0.008 | 0.11 | 0.1  | 0.07  | 3.2  | 0.2  | 0.025 | 5  | 3.3  | 1DX15  | WHI10000123 |
| BRW102785 | 0.01  | 3   | 1.07 | 0.003 | 0.15 | 0.05 | 0.04  | 5.5  | 0.2  | 0.025 | 3  | 1    | 1DX15  | WHI10000123 |
| BRW102786 | 0.124 | 2   | 2.25 | 0.01  | 0.81 | 0.1  | 0.02  | 11.6 | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102787 | 0.138 | 1   | 1.62 | 0.017 | 0.43 | 0.1  | 0.02  | 8.9  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW102788 | 0.185 | 0.5 | 2.62 | 0.019 | 0.98 | 0.05 | 0.02  | 10.2 | 0.5  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102789 | 0.168 | 2   | 2.58 | 0.016 | 1.03 | 0.05 | 0.01  | 9.9  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW102790 | 0.158 | 0.5 | 2.5  | 0.017 | 1.06 | 0.05 | 0.005 | 8.2  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW102791 | 0.193 | 0.5 | 3.34 | 0.03  | 1.12 | 0.05 | 0.02  | 9    | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000123 |
| BRW102792 | 0.136 | 0.5 | 2    | 0.011 | 0.93 | 0.05 | 0.01  | 10.4 | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102794 | 0.207 | 1   | 3.03 | 0.014 | 1.17 | 0.05 | 0.01  | 9.5  | 0.5  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000123 |
| BRW102796 | 0.19  | 0.5 | 2.15 | 0.015 | 1.03 | 0.05 | 0.02  | 6.7  | 0.5  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000123 |
| BRW102797 | 0.098 | 2   | 1.75 | 0.012 | 0.58 | 0.05 | 0.02  | 7.7  | 0.4  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000123 |
| BRW102798 | 0.151 | 2   | 2.97 | 0.016 | 1.06 | 0.05 | 0.02  | 7.3  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW102799 | 0.083 | 0.5 | 1.72 | 0.018 | 0.08 | 0.1  | 0.03  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|------|------|
| BRW102802 | Soil | 596176     | 7006244    | 07V      | 1.5 | 31.4  | 10.9 | 93  | 0.05 | 40.9 | 12.6 |
| BRW102805 | Soil | 596100     | 7006177    | 07V      | 1.2 | 111.9 | 19.7 | 131 | 0.05 | 68.2 | 26.7 |
| BRW102854 | Soil | 596197     | 7004352    | 07V      | 0.4 | 38.4  | 3.3  | 70  | 0.05 | 33.3 | 16.7 |
| BRW102855 | Soil | 596158     | 7004321    | 07V      | 1.1 | 34.6  | 5.4  | 71  | 0.05 | 38.7 | 12.8 |
| BRW102855 | REP  | 596158     | 7004321    | 07V      | 0.9 | 34.9  | 5.3  | 71  | 0.05 | 40.4 | 12.9 |
| BRW102858 | Soil | 596095     | 7004398    | 07V      | 1   | 41.9  | 6.5  | 63  | 0.05 | 33.8 | 15.7 |
| BRW102861 | Soil | 596212     | 7004489    | 07V      | 0.7 | 34.6  | 5.8  | 71  | 0.05 | 26.7 | 12   |
| BRW102869 | Soil | 595994     | 7004448    | 07V      | 0.7 | 42.8  | 3.2  | 50  | 0.05 | 28.6 | 20.6 |
| BRW102870 | Soil | 596032     | 7004475    | 07V      | 0.7 | 36.2  | 4.6  | 64  | 0.05 | 29.4 | 14.8 |
| BRW102871 | Soil | 596072     | 7004506    | 07V      | 0.4 | 31.6  | 2.1  | 48  | 0.05 | 24.5 | 17.2 |
| BRW102872 | Soil | 596112     | 7004536    | 07V      | 0.7 | 48    | 5.2  | 64  | 0.05 | 27   | 15.8 |
| BRW102874 | Soil | 596191     | 7004598    | 07V      | 0.6 | 29.4  | 7.4  | 62  | 0.1  | 23.9 | 10.8 |
| BRW102876 | Soil | 596271     | 7004661    | 07V      | 0.6 | 33.1  | 6    | 59  | 0.05 | 26.8 | 11.6 |
| BRW102877 | Soil | 596309     | 7004691    | 07V      | 0.8 | 34.5  | 6    | 64  | 0.05 | 27.6 | 11.9 |
| BRW102882 | Soil | 596490     | 7004707    | 07V      | 1.2 | 42.3  | 4.7  | 90  | 0.05 | 52.3 | 17.8 |
| BRW102883 | Soil | 596527     | 7004737    | 07V      | 0.8 | 56.1  | 3.6  | 90  | 0.05 | 31.3 | 24.6 |
| BRW102884 | Soil | 596568     | 7004766    | 07V      | 0.4 | 74.4  | 3.1  | 72  | 0.05 | 25.5 | 19.8 |
| BRW102885 | Soil | 596606     | 7004796    | 07V      | 0.4 | 42.4  | 6.9  | 61  | 0.05 | 24   | 13   |
| BRW102886 | Soil | 596644     | 7004828    | 07V      | 0.6 | 29    | 6.8  | 60  | 0.05 | 25.7 | 10.3 |
| BRW102887 | Soil | 596685     | 7004859    | 07V      | 0.8 | 34.7  | 7.3  | 65  | 0.1  | 27.6 | 10.9 |
| BRW102888 | Soil | 596727     | 7004891    | 07V      | 0.8 | 34.4  | 7.2  | 68  | 0.1  | 28.2 | 11.6 |
| BRW102889 | Soil | 596766     | 7004921    | 07V      | 0.7 | 34.1  | 7.2  | 70  | 0.1  | 30.5 | 11.9 |
| BRW102892 | Soil | 596665     | 7004970    | 07V      | 0.7 | 34.6  | 7.2  | 64  | 0.1  | 27.7 | 11.5 |
| BRW102893 | Soil | 596625     | 7004938    | 07V      | 0.8 | 35.2  | 7.6  | 64  | 0.05 | 27.1 | 11.1 |
| BRW102896 | Soil | 596507     | 7004848    | 07V      | 0.5 | 30.8  | 4.3  | 68  | 0.05 | 27.8 | 14.4 |
| BRW102897 | Soil | 596465     | 7004817    | 07V      | 3.6 | 78.1  | 7.2  | 154 | 0.05 | 39.3 | 19   |
| BRW102898 | Soil | 596465     | 7004817    | 07V      | 3.9 | 81.9  | 7.5  | 159 | 0.05 | 39.8 | 20.1 |
| BRW102899 | Soil | 596465     | 7004817    | 07V      | 3.7 | 76.7  | 6.9  | 149 | 0.05 | 37.9 | 18.5 |
| BRW102908 | Soil | 597410     | 7006695    | 07V      | 3.5 | 33.6  | 14.6 | 52  | 0.05 | 22.2 | 9.6  |
| BRW102909 | Soil | 597371     | 7006666    | 07V      | 1.3 | 19.8  | 8.1  | 57  | 0.05 | 27.5 | 10.6 |
| BRW102918 | Soil | 597017     | 7006387    | 07V      | 1.2 | 59.4  | 15.5 | 127 | 0.1  | 42.8 | 17.9 |
| BRW102920 | Soil | 596940     | 7006326    | 07V      | 1.4 | 46.4  | 13.7 | 123 | 0.05 | 27.3 | 20.1 |
| BRW102922 | Soil | 596861     | 7006263    | 07V      | 1.1 | 62.3  | 6.5  | 106 | 0.05 | 79.1 | 19.3 |
| BRW102924 | Soil | 596782     | 7006203    | 07V      | 1.5 | 58.4  | 6.7  | 135 | 0.05 | 90   | 24.7 |
| BRW102925 | Soil | 596743     | 7006172    | 07V      | 1   | 40.5  | 7.6  | 97  | 0.05 | 41.2 | 24.4 |
| BRW102926 | Soil | 596704     | 7006142    | 07V      | 1.3 | 53.4  | 9.8  | 101 | 0.05 | 27.7 | 15.4 |
| BRW102931 | Soil | 596506     | 7005988    | 07V      | 2.1 | 58.9  | 14.8 | 126 | 0.1  | 52.9 | 20.3 |
| BRW102934 | Soil | 596387     | 7005895    | 07V      | 1.8 | 59    | 14.9 | 143 | 0.05 | 52.1 | 13   |
| BRW102935 | Soil | 596346     | 7005866    | 07V      | 0.7 | 37.7  | 12.3 | 53  | 0.05 | 44   | 14.2 |
| BRW102936 | Soil | 596308     | 7005834    | 07V      | 0.6 | 54.9  | 18.7 | 74  | 0.05 | 44.3 | 19.5 |
| BRW102937 | Soil | 596268     | 7005803    | 07V      | 0.9 | 24.5  | 11.9 | 58  | 0.05 | 33.5 | 11.6 |
| BRW102949 | Soil | 598764     | 7005850    | 07V      | 0.9 | 36.5  | 10   | 68  | 0.05 | 29.5 | 11.2 |
| BRW102950 | Soil | 598805     | 7005881    | 07V      | 0.9 | 33    | 8.9  | 82  | 0.05 | 24.2 | 13.2 |
| BRW102951 | Soil | 598844     | 7005912    | 07V      | 1.4 | 69.5  | 12.7 | 95  | 0.05 | 23.2 | 11.2 |
| BRW102952 | Soil | 598885     | 7005942    | 07V      | 1.9 | 87.5  | 10.6 | 72  | 0.05 | 33   | 10.7 |
| BRW102953 | Soil | 598926     | 7005973    | 07V      | 1.1 | 29.3  | 11.6 | 64  | 0.05 | 26.9 | 11.1 |
| BRW102954 | Soil | 598965     | 7006003    | 07V      | 3   | 23.8  | 10.5 | 46  | 0.05 | 20.7 | 10.2 |
| BRW102955 | Soil | 599002     | 7006035    | 07V      | 1.2 | 25.8  | 9.5  | 58  | 0.05 | 27.2 | 11.1 |
| BRW102960 | Soil | 599201     | 7006189    | 07V      | 1   | 36.6  | 9.6  | 59  | 0.05 | 26.1 | 11.6 |
| BRW103503 | Soil | 595258     | 7005646    | 07V      | 0.8 | 51    | 5.9  | 95  | 0.05 | 36.8 | 15.7 |
| BRW103507 | Soil | 595417     | 7005770    | 07V      | 1.2 | 40.7  | 8    | 102 | 0.05 | 16.7 | 10.9 |
| BRW103510 | Soil | 595534     | 7005863    | 07V      | 2.8 | 146.3 | 3.8  | 118 | 0.05 | 91.1 | 37.8 |
| BRW103511 | Soil | 595534     | 7005863    | 07V      | 2.5 | 123.7 | 3.9  | 116 | 0.05 | 82.8 | 34   |
| BRW103513 | Soil | 595614     | 7005924    | 07V      | 0.6 | 53    | 9    | 115 | 0.05 | 48.5 | 22.7 |
| BRW103514 | Soil | 595654     | 7005955    | 07V      | 0.6 | 60    | 10   | 128 | 0.05 | 38.4 | 16.9 |
| BRW103515 | Soil | 595692     | 7005985    | 07V      | 1.9 | 52.3  | 15.8 | 127 | 0.05 | 79.4 | 22.7 |
| BRW103517 | Soil | 595770     | 7006049    | 07V      | 0.2 | 9.5   | 5.1  | 29  | 0.05 | 10   | 2    |
| BRW103525 | Soil | 596089     | 7006295    | 07V      | 1.1 | 23.4  | 13.3 | 137 | 0.05 | 19.7 | 15.1 |
| BRW103525 | REP  | 596089     | 7006295    | 07V      | 1   | 22    | 12.9 | 136 | 0.05 | 19.5 | 15   |
| BRW103527 | Soil | 597246     | 7006823    | 07V      | 1.8 | 39.7  | 11.7 | 179 | 0.05 | 35.3 | 14.3 |
| BRW103529 | Soil | 597165     | 7006757    | 07V      | 2.1 | 55.9  | 11.4 | 171 | 0.05 | 49.3 | 19.6 |
| BRW103530 | Soil | 597128     | 7006729    | 07V      | 1.1 | 93.3  | 16.5 | 122 | 0.05 | 40.3 | 19.2 |
| BRW103531 | Soil | 597091     | 7006700    | 07V      | 3.3 | 60.9  | 10.2 | 77  | 0.05 | 32.4 | 9.4  |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca    | P     | La | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|------|------|-----|------|------|------|-----|-------|-------|----|-----|------|------|
| BRW102802 | 350  | 3.72 | 9.9  | 1.3 | 2.7  | 6.3  | 28  | 0.1  | 0.5  | 0.2  | 65  | 0.35  | 0.06  | 20 | 32  | 0.54 | 411  |
| BRW102805 | 1842 | 5.76 | 6    | 1.2 | 4.8  | 10.4 | 22  | 0.1  | 0.4  | 0.05 | 83  | 0.54  | 0.122 | 36 | 43  | 1    | 1702 |
| BRW102854 | 487  | 4.05 | 3.1  | 0.6 | 1    | 5.4  | 163 | 0.05 | 0.4  | 0.05 | 128 | 0.69  | 0.093 | 27 | 69  | 1.53 | 1262 |
| BRW102855 | 246  | 3.51 | 8.6  | 0.7 | 1.3  | 4.3  | 78  | 0.05 | 0.4  | 0.05 | 98  | 0.48  | 0.03  | 18 | 75  | 1.22 | 707  |
| BRW102855 | 248  | 3.47 | 8.7  | 0.7 | 0.25 | 4.1  | 77  | 0.05 | 0.4  | 0.05 | 99  | 0.48  | 0.031 | 18 | 73  | 1.18 | 703  |
| BRW102858 | 332  | 3.77 | 4.5  | 0.9 | 1.4  | 5.3  | 40  | 0.1  | 0.2  | 0.05 | 122 | 0.67  | 0.066 | 16 | 60  | 1.14 | 505  |
| BRW102861 | 296  | 3.36 | 5    | 1   | 0.8  | 5.6  | 29  | 0.2  | 0.4  | 0.05 | 95  | 0.52  | 0.068 | 17 | 46  | 0.88 | 309  |
| BRW102869 | 385  | 3.66 | 2.6  | 0.3 | 0.5  | 1.5  | 31  | 0.1  | 0.2  | 0.05 | 113 | 0.76  | 0.095 | 6  | 42  | 0.96 | 242  |
| BRW102870 | 280  | 4    | 15.9 | 0.9 | 2.1  | 5.3  | 25  | 0.05 | 0.2  | 0.1  | 105 | 0.59  | 0.077 | 13 | 53  | 0.8  | 322  |
| BRW102871 | 394  | 4.15 | 9.1  | 0.5 | 1.6  | 3    | 22  | 0.1  | 0.2  | 0.05 | 144 | 0.74  | 0.112 | 9  | 43  | 1.05 | 321  |
| BRW102872 | 407  | 3.48 | 5.3  | 0.8 | 2.4  | 3.5  | 32  | 0.05 | 0.4  | 0.1  | 100 | 0.61  | 0.087 | 13 | 41  | 0.83 | 336  |
| BRW102874 | 423  | 2.75 | 7.5  | 0.9 | 3.4  | 3.5  | 35  | 0.2  | 0.5  | 0.1  | 68  | 0.58  | 0.063 | 15 | 33  | 0.58 | 339  |
| BRW102876 | 460  | 2.63 | 6.5  | 0.8 | 3.3  | 3.2  | 47  | 0.2  | 0.6  | 0.1  | 65  | 0.86  | 0.088 | 13 | 30  | 0.67 | 276  |
| BRW102877 | 489  | 2.69 | 7.9  | 0.6 | 2.1  | 3.7  | 64  | 0.3  | 0.6  | 0.1  | 65  | 1.65  | 0.096 | 12 | 31  | 0.87 | 255  |
| BRW102882 | 528  | 4.32 | 4.6  | 0.7 | 1.9  | 4.2  | 39  | 0.1  | 0.3  | 0.05 | 144 | 0.81  | 0.091 | 11 | 113 | 1.44 | 438  |
| BRW102883 | 1053 | 4.49 | 4.1  | 0.5 | 1.5  | 2.1  | 48  | 0.3  | 0.3  | 0.05 | 112 | 0.97  | 0.084 | 7  | 49  | 1.58 | 407  |
| BRW102884 | 629  | 3.76 | 3.2  | 0.3 | 2.9  | 1.4  | 38  | 0.05 | 0.3  | 0.05 | 103 | 0.95  | 0.081 | 5  | 37  | 1.41 | 223  |
| BRW102885 | 359  | 2.59 | 6.8  | 0.8 | 3.4  | 2.9  | 34  | 0.2  | 0.5  | 0.1  | 62  | 0.77  | 0.061 | 11 | 34  | 0.69 | 244  |
| BRW102886 | 397  | 2.49 | 8.6  | 0.5 | 4.2  | 3    | 41  | 0.2  | 0.6  | 0.1  | 58  | 0.8   | 0.07  | 12 | 30  | 0.61 | 258  |
| BRW102887 | 445  | 2.66 | 9.7  | 0.6 | 3.1  | 3.4  | 53  | 0.3  | 0.7  | 0.1  | 60  | 1.47  | 0.081 | 13 | 32  | 0.81 | 286  |
| BRW102888 | 483  | 2.69 | 9.7  | 0.6 | 3.2  | 3.5  | 49  | 0.4  | 0.7  | 0.1  | 60  | 1.34  | 0.095 | 13 | 32  | 0.78 | 253  |
| BRW102889 | 378  | 2.79 | 9.2  | 1   | 3    | 3.1  | 52  | 0.3  | 0.7  | 0.1  | 59  | 1     | 0.075 | 11 | 33  | 0.73 | 273  |
| BRW102892 | 395  | 2.66 | 9.3  | 0.9 | 3.6  | 3.1  | 41  | 0.2  | 0.6  | 0.1  | 61  | 0.77  | 0.073 | 13 | 32  | 0.67 | 272  |
| BRW102893 | 399  | 2.52 | 9.5  | 0.8 | 3.2  | 3.3  | 52  | 0.3  | 0.7  | 0.1  | 56  | 0.98  | 0.077 | 12 | 30  | 0.73 | 267  |
| BRW102896 | 383  | 3.11 | 3.5  | 0.4 | 2.4  | 1.8  | 32  | 0.05 | 0.2  | 0.05 | 77  | 0.64  | 0.06  | 7  | 38  | 1.22 | 368  |
| BRW102897 | 522  | 5.59 | 9    | 1   | 8.7  | 7.2  | 31  | 0.3  | 0.3  | 0.1  | 175 | 0.73  | 0.115 | 15 | 81  | 1.5  | 531  |
| BRW102898 | 514  | 5.65 | 7.2  | 1.1 | 1.3  | 7.9  | 32  | 0.2  | 0.3  | 0.1  | 167 | 0.71  | 0.127 | 15 | 82  | 1.54 | 578  |
| BRW102899 | 491  | 5.32 | 6.5  | 1.1 | 2.1  | 7.8  | 32  | 0.2  | 0.3  | 0.1  | 157 | 0.68  | 0.12  | 15 | 79  | 1.51 | 571  |
| BRW102908 | 313  | 2.6  | 14.3 | 1.1 | 10   | 5.6  | 18  | 0.05 | 1.9  | 0.2  | 52  | 0.18  | 0.024 | 20 | 30  | 0.34 | 225  |
| BRW102909 | 535  | 2.71 | 8.8  | 0.8 | 13   | 5.2  | 18  | 0.05 | 0.9  | 0.2  | 44  | 0.19  | 0.033 | 21 | 27  | 0.35 | 280  |
| BRW102918 | 425  | 4.39 | 2.1  | 0.9 | 1.8  | 21.6 | 9   | 0.05 | 0.1  | 0.05 | 73  | 0.19  | 0.045 | 78 | 77  | 1.11 | 261  |
| BRW102920 | 718  | 5.95 | 4.4  | 0.6 | 0.25 | 18.5 | 13  | 0.05 | 0.2  | 0.05 | 97  | 0.44  | 0.113 | 16 | 51  | 1.73 | 580  |
| BRW102922 | 682  | 5.35 | 1.7  | 0.8 | 1.5  | 17.1 | 15  | 0.05 | 0.05 | 0.05 | 148 | 0.26  | 0.035 | 22 | 131 | 1.39 | 455  |
| BRW102924 | 611  | 5.02 | 3.2  | 0.9 | 1.8  | 22.8 | 21  | 0.05 | 0.1  | 0.05 | 128 | 0.81  | 0.185 | 78 | 153 | 1.28 | 489  |
| BRW102925 | 541  | 5.96 | 2.6  | 1.2 | 0.25 | 32.6 | 28  | 0.05 | 0.1  | 0.05 | 104 | 0.84  | 0.217 | 76 | 90  | 1.48 | 812  |
| BRW102926 | 637  | 3.97 | 7.6  | 0.8 | 1.9  | 5.1  | 26  | 0.1  | 0.6  | 0.1  | 80  | 0.46  | 0.092 | 20 | 30  | 0.54 | 736  |
| BRW102931 | 760  | 4.72 | 15   | 1   | 3.2  | 33.8 | 30  | 0.2  | 0.6  | 0.05 | 62  | 0.99  | 0.11  | 75 | 47  | 0.6  | 368  |
| BRW102934 | 282  | 3.94 | 4.6  | 1.2 | 3    | 13.5 | 18  | 0.1  | 0.2  | 0.05 | 96  | 0.24  | 0.068 | 37 | 63  | 0.81 | 309  |
| BRW102935 | 337  | 3.94 | 4.4  | 1.5 | 6.5  | 28.5 | 15  | 0.05 | 0.2  | 0.05 | 32  | 0.18  | 0.024 | 68 | 38  | 0.7  | 157  |
| BRW102936 | 614  | 3.83 | 16.2 | 1   | 1.8  | 16.3 | 15  | 0.05 | 0.3  | 0.1  | 46  | 0.32  | 0.047 | 54 | 48  | 0.66 | 209  |
| BRW102937 | 395  | 4.05 | 5.8  | 1.3 | 4.6  | 19.1 | 11  | 0.05 | 0.3  | 0.05 | 33  | 0.15  | 0.024 | 37 | 26  | 0.11 | 163  |
| BRW102949 | 452  | 3.28 | 11.1 | 1.6 | 4.1  | 6.3  | 22  | 0.05 | 1.4  | 0.2  | 58  | 0.24  | 0.022 | 20 | 43  | 0.5  | 274  |
| BRW102950 | 679  | 4.79 | 8.4  | 1.2 | 3.8  | 11.3 | 17  | 0.05 | 0.9  | 0.2  | 67  | 0.42  | 0.054 | 36 | 61  | 1.15 | 345  |
| BRW102951 | 363  | 2.89 | 10.7 | 2.3 | 1.6  | 7.9  | 28  | 0.1  | 1.1  | 0.3  | 95  | 0.56  | 0.215 | 22 | 44  | 0.82 | 205  |
| BRW102952 | 574  | 3.53 | 15.1 | 1.6 | 2    | 10.1 | 20  | 0.1  | 6.2  | 0.3  | 76  | 0.24  | 0.033 | 31 | 55  | 0.89 | 508  |
| BRW102953 | 457  | 3.13 | 14.5 | 2   | 4    | 6.8  | 24  | 0.1  | 2.6  | 0.2  | 68  | 0.32  | 0.031 | 19 | 44  | 0.52 | 273  |
| BRW102954 | 233  | 2.41 | 20.7 | 0.7 | 2.3  | 4.3  | 20  | 0.1  | 3.2  | 0.2  | 65  | 0.19  | 0.023 | 12 | 36  | 0.37 | 202  |
| BRW102955 | 274  | 3.12 | 11.1 | 0.6 | 1.1  | 4    | 21  | 0.05 | 0.9  | 0.2  | 73  | 0.23  | 0.02  | 12 | 43  | 0.56 | 279  |
| BRW102960 | 394  | 2.97 | 9.9  | 1   | 2.4  | 4.5  | 31  | 0.05 | 0.9  | 0.2  | 69  | 0.36  | 0.027 | 15 | 39  | 0.56 | 316  |
| BRW103503 | 661  | 4.02 | 7.8  | 0.7 | 2.9  | 6.3  | 33  | 0.05 | 0.3  | 0.05 | 91  | 0.86  | 0.104 | 19 | 54  | 1.32 | 418  |
| BRW103507 | 566  | 4.64 | 4    | 1   | 6.4  | 2.4  | 27  | 0.05 | 0.5  | 0.05 | 92  | 0.59  | 0.058 | 21 | 29  | 0.64 | 393  |
| BRW103510 | 958  | 6.7  | 7.7  | 1.5 | 3.6  | 14.5 | 61  | 0.2  | 0.2  | 0.05 | 128 | 1.14  | 0.221 | 40 | 107 | 1.72 | 737  |
| BRW103511 | 926  | 6.48 | 7.7  | 1.5 | 2.5  | 15.6 | 54  | 0.1  | 0.2  | 0.05 | 120 | 1.1   | 0.21  | 41 | 101 | 1.73 | 738  |
| BRW103513 | 681  | 5.88 | 4.9  | 1.2 | 0.5  | 28.5 | 24  | 0.05 | 0.05 | 0.05 | 86  | 0.73  | 0.116 | 79 | 102 | 1.95 | 524  |
| BRW103514 | 836  | 5.16 | 1    | 0.5 | 0.7  | 8.4  | 23  | 0.05 | 0.05 | 0.05 | 78  | 0.98  | 0.117 | 20 | 80  | 1.69 | 505  |
| BRW103515 | 834  | 5.22 | 43.3 | 0.6 | 1.6  | 16.7 | 9   | 0.1  | 0.7  | 0.05 | 90  | 0.51  | 0.118 | 44 | 78  | 0.77 | 335  |
| BRW103517 | 264  | 0.56 | 6.7  | 0.7 | 0.6  | 1.2  | 232 | 0.7  | 0.05 | 0.05 | 6   | 26.58 | 0.056 | 12 | 10  | 0.34 | 35   |
| BRW103525 | 794  | 5.33 | 2.7  | 0.7 | 1    | 5.9  | 13  | 0.1  | 0.1  | 0.05 | 75  | 0.35  | 0.105 | 18 | 20  | 0.77 | 725  |
| BRW103525 | 777  | 5.24 | 2.8  | 0.7 | 1.3  | 5.8  | 14  | 0.1  | 0.1  | 0.05 | 76  | 0.32  | 0.103 | 17 | 20  | 0.75 | 692  |
| BRW103527 | 449  | 4.14 | 13.3 | 1.6 | 3.8  | 11.4 | 16  | 0.2  | 1    | 0.05 | 67  | 0.24  | 0.062 | 36 | 48  | 0.7  | 470  |
| BRW103529 | 933  | 3.84 | 29   | 2.2 | 5.4  | 14.1 | 13  | 1.5  | 0.6  | 0.05 | 38  | 0.1   | 0.045 | 31 | 30  | 0.39 | 311  |
| BRW103530 | 1152 | 5.27 | 28.6 | 1.1 | 2.3  | 23.8 | 19  | 0.05 | 4.5  | 0.1  | 76  | 0.57  | 0.179 | 73 | 56  | 0.66 | 439  |
| BRW103531 | 344  | 3.03 | 12   | 2   | 7    | 7.7  | 20  | 0.05 | 1.6  | 0.2  | 59  | 0.23  | 0.03  | 29 | 36  | 0.51 | 346  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW102802 | 0.098 | 0.5 | 1.67 | 0.018 | 0.17 | 0.1  | 0.02  | 7.1  | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000123 |
| BRW102805 | 0.122 | 0.5 | 2.43 | 0.01  | 1.04 | 0.05 | 0.04  | 9.9  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW102854 | 0.193 | 1   | 2.81 | 0.027 | 0.69 | 0.05 | 0.005 | 7.3  | 0.2  | 0.025 | 10 | 0.7  | 1DX15  | WHI10000123 |
| BRW102855 | 0.147 | 1   | 2.72 | 0.02  | 0.15 | 0.05 | 0.01  | 4.2  | 0.1  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000123 |
| BRW102855 | 0.146 | 1   | 2.68 | 0.022 | 0.14 | 0.05 | 0.01  | 4.1  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW102858 | 0.187 | 0.5 | 2.53 | 0.026 | 0.36 | 0.05 | 0.01  | 6.2  | 0.2  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000123 |
| BRW102861 | 0.121 | 0.5 | 1.85 | 0.023 | 0.18 | 0.1  | 0.02  | 6.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102869 | 0.135 | 0.5 | 2.24 | 0.043 | 0.1  | 0.05 | 0.005 | 5.4  | 0.05 | 0.025 | 8  | 0.5  | 1DX15  | WHI10000123 |
| BRW102870 | 0.106 | 1   | 2.15 | 0.03  | 0.21 | 0.05 | 0.01  | 7.4  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW102871 | 0.121 | 0.5 | 1.9  | 0.042 | 0.27 | 0.05 | 0.005 | 7.8  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW102872 | 0.104 | 2   | 1.83 | 0.033 | 0.16 | 0.05 | 0.02  | 6.8  | 0.05 | 0.025 | 6  | 0.6  | 1DX15  | WHI10000123 |
| BRW102874 | 0.094 | 1   | 1.75 | 0.028 | 0.06 | 0.2  | 0.03  | 4.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW102876 | 0.095 | 2   | 1.53 | 0.039 | 0.07 | 0.2  | 0.02  | 4.4  | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000123 |
| BRW102877 | 0.099 | 2   | 1.38 | 0.044 | 0.13 | 0.2  | 0.02  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW102882 | 0.124 | 0.5 | 2.49 | 0.03  | 0.38 | 0.05 | 0.01  | 8.2  | 0.2  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW102883 | 0.147 | 0.5 | 2.73 | 0.036 | 0.25 | 0.05 | 0.005 | 6.6  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW102884 | 0.06  | 0.5 | 2.64 | 0.029 | 0.13 | 0.05 | 0.01  | 7.2  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW102885 | 0.087 | 0.5 | 1.68 | 0.024 | 0.05 | 0.1  | 0.03  | 3.7  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000123 |
| BRW102886 | 0.08  | 1   | 1.38 | 0.037 | 0.06 | 0.2  | 0.03  | 3.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW102887 | 0.093 | 2   | 1.44 | 0.043 | 0.09 | 0.2  | 0.02  | 3.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW102888 | 0.092 | 3   | 1.32 | 0.039 | 0.09 | 0.2  | 0.02  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW102889 | 0.08  | 3   | 1.42 | 0.037 | 0.08 | 0.2  | 0.03  | 3.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW102892 | 0.076 | 1   | 1.5  | 0.031 | 0.06 | 0.2  | 0.03  | 3.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW102893 | 0.086 | 3   | 1.29 | 0.037 | 0.06 | 0.2  | 0.03  | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW102896 | 0.086 | 0.5 | 2.18 | 0.017 | 0.33 | 0.05 | 0.02  | 4.9  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW102897 | 0.123 | 0.5 | 2.53 | 0.013 | 0.42 | 0.05 | 0.01  | 7.5  | 0.3  | 0.025 | 10 | 1    | 1DX15  | WHI10000123 |
| BRW102898 | 0.125 | 0.5 | 2.66 | 0.013 | 0.43 | 0.05 | 0.01  | 7.6  | 0.3  | 0.025 | 10 | 1.7  | 1DX15  | WHI10000123 |
| BRW102899 | 0.121 | 0.5 | 2.54 | 0.014 | 0.43 | 0.05 | 0.005 | 7.1  | 0.3  | 0.025 | 9  | 1.2  | 1DX15  | WHI10000123 |
| BRW102908 | 0.056 | 1   | 1.29 | 0.008 | 0.06 | 0.1  | 0.05  | 5    | 0.05 | 0.025 | 4  | 0.9  | 1DX15  | WHI10000123 |
| BRW102909 | 0.041 | 1   | 1.26 | 0.01  | 0.07 | 0.1  | 0.06  | 4.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW102918 | 0.169 | 1   | 2.44 | 0.011 | 0.9  | 0.05 | 0.005 | 6.6  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW102920 | 0.147 | 2   | 3.28 | 0.007 | 1.28 | 0.05 | 0.005 | 7.9  | 0.4  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000123 |
| BRW102922 | 0.168 | 0.5 | 3.29 | 0.02  | 1.38 | 0.05 | 0.01  | 11.1 | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW102924 | 0.116 | 2   | 2.5  | 0.021 | 0.57 | 0.05 | 0.02  | 8.8  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW102925 | 0.195 | 0.5 | 3.11 | 0.024 | 1.44 | 0.05 | 0.005 | 11.3 | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000123 |
| BRW102926 | 0.091 | 2   | 1.75 | 0.013 | 0.37 | 0.05 | 0.02  | 8.2  | 0.1  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000123 |
| BRW102931 | 0.08  | 2   | 1.32 | 0.009 | 0.55 | 0.05 | 0.09  | 7.5  | 0.4  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000123 |
| BRW102934 | 0.089 | 2   | 1.95 | 0.008 | 0.49 | 0.05 | 0.01  | 5.1  | 0.3  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000123 |
| BRW102935 | 0.064 | 1   | 1.83 | 0.007 | 0.52 | 0.05 | 0.02  | 5.3  | 0.4  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000123 |
| BRW102936 | 0.047 | 0.5 | 1.49 | 0.007 | 0.51 | 0.05 | 0.04  | 5.3  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000123 |
| BRW102937 | 0.006 | 1   | 0.74 | 0.005 | 0.11 | 0.05 | 0.04  | 5.7  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000123 |
| BRW102949 | 0.068 | 3   | 1.73 | 0.009 | 0.18 | 0.05 | 0.07  | 8.3  | 0.1  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000123 |
| BRW102950 | 0.134 | 2   | 2.85 | 0.011 | 0.75 | 0.1  | 0.04  | 13   | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW102951 | 0.076 | 1   | 1.57 | 0.008 | 0.3  | 0.2  | 0.02  | 4.6  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000123 |
| BRW102952 | 0.137 | 1   | 2.08 | 0.009 | 0.52 | 0.05 | 0.04  | 6.4  | 0.5  | 0.025 | 7  | 1    | 1DX15  | WHI10000123 |
| BRW102953 | 0.104 | 2   | 1.83 | 0.018 | 0.17 | 0.2  | 0.05  | 6.5  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW102954 | 0.073 | 1   | 1.72 | 0.007 | 0.06 | 0.1  | 0.03  | 3.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW102955 | 0.086 | 1   | 2.27 | 0.011 | 0.06 | 0.1  | 0.02  | 3.5  | 0.05 | 0.025 | 6  | 0.7  | 1DX15  | WHI10000123 |
| BRW102960 | 0.096 | 2   | 1.94 | 0.024 | 0.06 | 0.05 | 0.04  | 5.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103503 | 0.132 | 1   | 2.3  | 0.024 | 0.34 | 0.05 | 0.03  | 5.9  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103507 | 0.029 | 3   | 2.06 | 0.013 | 0.11 | 0.05 | 0.04  | 12.1 | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW103510 | 0.089 | 2   | 3.27 | 0.01  | 0.57 | 0.05 | 0.02  | 11.6 | 0.3  | 0.025 | 12 | 2.1  | 1DX15  | WHI10000123 |
| BRW103511 | 0.09  | 1   | 3.27 | 0.009 | 0.57 | 0.05 | 0.01  | 10.9 | 0.3  | 0.025 | 12 | 1.4  | 1DX15  | WHI10000123 |
| BRW103513 | 0.176 | 0.5 | 3.7  | 0.01  | 1.13 | 0.05 | 0.005 | 7.9  | 0.5  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000123 |
| BRW103514 | 0.158 | 3   | 3.28 | 0.011 | 0.7  | 0.05 | 0.005 | 6.5  | 0.4  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000123 |
| BRW103515 | 0.083 | 2   | 1.89 | 0.01  | 0.6  | 0.05 | 0.02  | 8.3  | 0.3  | 0.025 | 8  | 0.9  | 1DX15  | WHI10000123 |
| BRW103517 | 0.009 | 1   | 0.28 | 0.001 | 0.02 | 0.1  | 0.005 | 1    | 0.05 | 0.025 | 1  | 0.25 | 1DX15  | WHI10000123 |
| BRW103525 | 0.123 | 0.5 | 1.74 | 0.006 | 0.8  | 0.05 | 0.005 | 9.2  | 0.3  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000123 |
| BRW103525 | 0.125 | 0.5 | 1.72 | 0.006 | 0.78 | 0.05 | 0.005 | 9.2  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW103527 | 0.124 | 1   | 1.99 | 0.009 | 0.45 | 1    | 0.04  | 4.7  | 0.4  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000123 |
| BRW103529 | 0.065 | 0.5 | 1.19 | 0.005 | 0.46 | 0.05 | 0.05  | 5.9  | 0.7  | 0.025 | 4  | 1.1  | 1DX15  | WHI10000123 |
| BRW103530 | 0.107 | 2   | 1.61 | 0.004 | 0.48 | 0.2  | 0.07  | 11.3 | 0.8  | 0.025 | 8  | 0.8  | 1DX15  | WHI10000123 |
| BRW103531 | 0.075 | 0.5 | 1.49 | 0.009 | 0.18 | 0.1  | 0.08  | 6.5  | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000123 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|------|------|
| BRW103534 | Soil | 596972     | 7006606    | 07V      | 0.5  | 28.5  | 9.1  | 103 | 0.05 | 60.5 | 20   |
| BRW103535 | Soil | 596931     | 7006576    | 07V      | 1    | 14.6  | 11.1 | 113 | 0.05 | 14.8 | 9.9  |
| BRW103537 | Soil | 596853     | 7006514    | 07V      | 0.7  | 17.1  | 13.6 | 106 | 0.05 | 7.5  | 9.2  |
| BRW103548 | Soil | 596461     | 7006204    | 07V      | 1.8  | 63.9  | 8.5  | 97  | 0.05 | 51.6 | 23.4 |
| BRW103550 | Soil | 596382     | 7006142    | 07V      | 3    | 40    | 15.3 | 87  | 0.1  | 27.3 | 13.5 |
| BRW103557 | Soil | 596105     | 7005929    | 07V      | 0.4  | 18.6  | 12.7 | 89  | 0.05 | 29.6 | 11.8 |
| BRW103573 | Soil | 597228     | 7005793    | 07V      | 1.5  | 69.3  | 7.5  | 98  | 0.05 | 57.3 | 23.5 |
| BRW103574 | Soil | 597189     | 7005761    | 07V      | 2.8  | 31    | 15.1 | 101 | 0.05 | 30.2 | 12.9 |
| BRW103583 | Soil | 596952     | 7005578    | 07V      | 1.3  | 36.5  | 9    | 71  | 0.1  | 27.2 | 11.2 |
| BRW103584 | Soil | 596914     | 7005546    | 07V      | 1.2  | 74.5  | 11.6 | 170 | 0.05 | 59.6 | 18.3 |
| BRW103741 | Soil | 597185     | 7006902    | 07V      | 1.2  | 23.9  | 9.2  | 58  | 0.05 | 28.1 | 13.3 |
| BRW103742 | Soil | 597145     | 7006871    | 07V      | 2.7  | 121.9 | 80.2 | 116 | 0.2  | 29.8 | 11.5 |
| BRW103744 | Soil | 597064     | 7006810    | 07V      | 1.9  | 35.1  | 15.8 | 139 | 0.05 | 46.7 | 13.4 |
| BRW103745 | Soil | 597027     | 7006779    | 07V      | 3.8  | 48.4  | 16.6 | 60  | 0.05 | 17.2 | 4.4  |
| BRW103746 | Soil | 597226     | 7006934    | 07V      | 1.6  | 27.2  | 8.1  | 75  | 0.1  | 26.9 | 15.3 |
| BRW103747 | Soil | 596987     | 7006749    | 07V      | 1.4  | 70.2  | 18.8 | 220 | 0.05 | 48.1 | 11.6 |
| BRW103748 | Soil | 596947     | 7006718    | 07V      | 1.7  | 21.1  | 10.8 | 33  | 0.05 | 9.9  | 3.8  |
| BRW103749 | Soil | 596908     | 7006687    | 07V      | 5.1  | 44    | 17.2 | 104 | 0.1  | 41.7 | 9.2  |
| BRW103750 | Soil | 596867     | 7006655    | 07V      | 0.7  | 23.8  | 17.8 | 196 | 0.05 | 23.3 | 17.6 |
| BRW103760 | Soil | 597076     | 7005419    | 07V      | 1.1  | 25.4  | 8.5  | 63  | 0.1  | 24.1 | 11.6 |
| BRW103764 | Soil | 597233     | 7005540    | 07V      | 1.3  | 21    | 7.1  | 68  | 0.05 | 24.8 | 11.1 |
| BRW103771 | Soil | 595431     | 7005652    | 07V      | 0.9  | 35.7  | 6    | 140 | 0.05 | 7.5  | 9.9  |
| BRW103771 | REP  | 595431     | 7005652    | 07V      | 1.1  | 37.7  | 6.1  | 146 | 0.05 | 8.1  | 10.8 |
| BRW103773 | Soil | 595508     | 7005717    | 07V      | 1.4  | 59.3  | 5.7  | 62  | 0.05 | 17.5 | 12.7 |
| BRW103774 | Soil | 595549     | 7005747    | 07V      | 0.8  | 19.6  | 7.4  | 49  | 0.05 | 15.9 | 10.7 |
| BRW103775 | Soil | 595588     | 7005778    | 07V      | 0.7  | 30.9  | 4.3  | 75  | 0.05 | 9.8  | 19   |
| BRW103778 | Soil | 595666     | 7005840    | 07V      | 0.2  | 40.4  | 2    | 47  | 0.05 | 55.3 | 14.7 |
| BRW103779 | Soil | 595705     | 7005871    | 07V      | 0.8  | 20    | 4.4  | 66  | 0.05 | 36.3 | 19.7 |
| BRW103781 | Soil | 595784     | 7005930    | 07V      | 1.9  | 63.2  | 12.1 | 114 | 0.05 | 69.9 | 22.7 |
| BRW103783 | Soil | 595863     | 7005996    | 07V      | 1.6  | 60.9  | 13.7 | 77  | 0.05 | 15.9 | 7.3  |
| BRW103797 | Soil | 596058     | 7005258    | 07V      | 0.7  | 73.9  | 1.5  | 95  | 0.05 | 13   | 23.2 |
| BRW103798 | Soil | 596097     | 7005288    | 07V      | 1.4  | 143.4 | 2.9  | 297 | 0.05 | 12   | 18.5 |
| BRW103799 | Soil | 596137     | 7005319    | 07V      | 0.8  | 53    | 6.6  | 107 | 0.05 | 27.2 | 16.6 |
| BRW103800 | Soil | 596177     | 7005349    | 07V      | 0.7  | 38.4  | 7.9  | 63  | 0.05 | 28.7 | 12.7 |
| BRW103802 | Soil | 596255     | 7005413    | 07V      | 14.6 | 102.3 | 16.7 | 194 | 0.2  | 93.8 | 26.8 |
| BRW103804 | Soil | 596334     | 7005475    | 07V      | 1    | 40.3  | 6    | 76  | 0.05 | 28.8 | 15   |
| BRW103806 | Soil | 596414     | 7005535    | 07V      | 3.4  | 73.4  | 8    | 77  | 0.05 | 42.1 | 20.6 |
| BRW103808 | Soil | 596453     | 7005441    | 07V      | 0.8  | 21.3  | 2.6  | 87  | 0.05 | 9.9  | 13.6 |
| BRW103809 | Soil | 596414     | 7005410    | 07V      | 0.6  | 35.7  | 3.3  | 94  | 0.05 | 39.8 | 20.1 |
| BRW103810 | Soil | 596375     | 7005380    | 07V      | 0.9  | 27.8  | 6.7  | 57  | 0.05 | 29.1 | 13.3 |
| BRW103811 | Soil | 596336     | 7005346    | 07V      | 1.5  | 39.8  | 8.5  | 71  | 0.05 | 22.4 | 12.3 |
| BRW103812 | Soil | 596297     | 7005317    | 07V      | 0.5  | 59.8  | 4.5  | 69  | 0.05 | 24.6 | 20.9 |
| BRW103814 | Soil | 596217     | 7005255    | 07V      | 1    | 73.7  | 7.1  | 111 | 0.05 | 25.3 | 20.6 |
| BRW103815 | Soil | 596175     | 7005224    | 07V      | 0.9  | 128.3 | 4.1  | 104 | 0.05 | 21.7 | 26   |
| BRW103817 | Soil | 596097     | 7005164    | 07V      | 5.4  | 87.1  | 2.9  | 104 | 0.1  | 83.6 | 34.9 |
| BRW103817 | REP  | 596097     | 7005164    | 07V      | 5.5  | 88.4  | 2.9  | 108 | 0.1  | 84.9 | 34.7 |
| BRW103818 | Soil | 596058     | 7005133    | 07V      | 4.2  | 49    | 10.1 | 123 | 0.05 | 45.9 | 26.8 |
| BRW103819 | Soil | 596019     | 7005102    | 07V      | 0.7  | 79.7  | 4.2  | 59  | 0.05 | 36.8 | 21.2 |
| BRW103820 | Soil | 595979     | 7005070    | 07V      | 0.4  | 83.4  | 2.2  | 80  | 0.05 | 44.3 | 26.9 |
| BRW103827 | Soil | 595702     | 7004854    | 07V      | 0.9  | 44.4  | 5.6  | 69  | 0.05 | 27.4 | 15.3 |
| BRW103834 | Soil | 598671     | 7005649    | 07V      | 0.9  | 14.7  | 10.4 | 101 | 0.05 | 13.7 | 8    |
| BRW103853 | Soil | 599419     | 7006237    | 07V      | 2    | 38.1  | 14.6 | 71  | 0.2  | 23.3 | 10.8 |
| BRW103855 | Soil | 599501     | 7006298    | 07V      | 1.1  | 21.2  | 11.3 | 64  | 0.05 | 26   | 11.1 |
| BRW103856 | Soil | 599538     | 7006328    | 07V      | 0.9  | 35.8  | 11.7 | 55  | 0.05 | 28.1 | 10.6 |
| BRW103901 | Soil | 596828     | 7006624    | 07V      | 1.3  | 25.3  | 8.9  | 102 | 0.05 | 18.2 | 9.4  |
| BRW103902 | Soil | 596788     | 7006596    | 07V      | 0.5  | 30.7  | 10.2 | 112 | 0.05 | 13.3 | 7.6  |
| BRW103911 | Soil | 596431     | 7006318    | 07V      | 1.4  | 24.5  | 11   | 113 | 0.05 | 23.9 | 20.2 |
| BRW103911 | REP  | 596431     | 7006318    | 07V      | 1.5  | 23.8  | 12   | 109 | 0.05 | 24.6 | 20.1 |
| BRW103913 | Soil | 596346     | 7006247    | 07V      | 1.1  | 38.1  | 8.6  | 71  | 0.05 | 33.5 | 14.6 |
| BRW103924 | Soil | 596076     | 7006030    | 07V      | 2.7  | 60.9  | 20.6 | 189 | 0.05 | 59.1 | 15.5 |
| BRW103948 | Soil | 598965     | 7005762    | 07V      | 0.6  | 20.9  | 9.9  | 71  | 0.05 | 6.4  | 7.2  |
| BRW103950 | Soil | 599045     | 7005822    | 07V      | 1    | 23.7  | 12.6 | 59  | 0.05 | 28.2 | 13.5 |
| BRW103951 | Soil | 599084     | 7005854    | 07V      | 1    | 21.7  | 8.9  | 58  | 0.05 | 26.1 | 10.1 |

| SampleID  | Mn   | Fe   | As_  | U   | Au    | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|-------|------|----|------|------|------|-----|------|-------|-----|-----|------|------|
| BRW103534 | 445  | 5.43 | 3.7  | 1   | 3.1   | 20.7 | 16 | 0.05 | 0.2  | 0.05 | 78  | 0.28 | 0.04  | 48  | 90  | 1.51 | 403  |
| BRW103535 | 652  | 4.49 | 6.4  | 1.3 | 1.4   | 17.7 | 16 | 0.05 | 0.3  | 0.05 | 44  | 0.18 | 0.04  | 40  | 19  | 0.71 | 322  |
| BRW103537 | 551  | 4.19 | 6.2  | 1.5 | 0.25  | 20.1 | 12 | 0.05 | 0.2  | 0.1  | 52  | 0.7  | 0.297 | 31  | 14  | 0.8  | 209  |
| BRW103548 | 522  | 4.53 | 2.6  | 0.6 | 0.5   | 7.7  | 31 | 0.05 | 0.1  | 0.05 | 64  | 0.5  | 0.064 | 25  | 71  | 1.42 | 375  |
| BRW103550 | 602  | 4.12 | 8.7  | 0.8 | 216.5 | 7.3  | 22 | 0.05 | 0.7  | 0.1  | 57  | 0.31 | 0.047 | 23  | 35  | 0.42 | 696  |
| BRW103557 | 336  | 3.45 | 5    | 1   | 0.8   | 23.9 | 15 | 0.05 | 0.1  | 0.05 | 38  | 0.25 | 0.03  | 42  | 39  | 0.43 | 127  |
| BRW103573 | 356  | 4.79 | 3.3  | 1.2 | 1.3   | 30.8 | 17 | 0.05 | 0.4  | 0.1  | 48  | 0.32 | 0.068 | 78  | 51  | 1.06 | 196  |
| BRW103574 | 495  | 4.78 | 6.5  | 0.9 | 1.1   | 8.7  | 24 | 0.1  | 0.4  | 0.2  | 86  | 0.24 | 0.052 | 19  | 45  | 0.72 | 244  |
| BRW103583 | 391  | 3.2  | 8.9  | 0.6 | 7.9   | 5.1  | 35 | 0.1  | 0.6  | 0.1  | 74  | 0.51 | 0.059 | 17  | 35  | 0.67 | 483  |
| BRW103584 | 312  | 4.89 | 2.5  | 0.8 | 2.1   | 19.1 | 17 | 0.1  | 0.2  | 0.05 | 117 | 0.31 | 0.073 | 36  | 72  | 1.23 | 427  |
| BRW103741 | 787  | 2.69 | 8.5  | 0.8 | 1.8   | 3.6  | 22 | 0.05 | 0.8  | 0.2  | 63  | 0.19 | 0.038 | 10  | 34  | 0.48 | 1242 |
| BRW103742 | 790  | 3.96 | 12.2 | 1.3 | 9.4   | 3.9  | 17 | 0.2  | 4.9  | 0.8  | 72  | 0.22 | 0.026 | 13  | 38  | 0.39 | 582  |
| BRW103744 | 277  | 5.22 | 4.5  | 2   | 2.1   | 11   | 19 | 0.05 | 0.6  | 0.05 | 113 | 0.11 | 0.038 | 33  | 67  | 0.96 | 521  |
| BRW103745 | 73   | 1.95 | 30.8 | 2.2 | 2.1   | 5.3  | 21 | 0.2  | 1.4  | 0.3  | 54  | 0.07 | 0.039 | 12  | 29  | 0.17 | 345  |
| BRW103746 | 919  | 3    | 6.2  | 1   | 1     | 6.2  | 18 | 0.1  | 0.4  | 0.1  | 62  | 0.22 | 0.087 | 19  | 42  | 0.42 | 279  |
| BRW103747 | 172  | 3.53 | 39   | 2   | 3.7   | 13.2 | 24 | 0.1  | 1.5  | 0.2  | 77  | 0.1  | 0.049 | 36  | 64  | 0.88 | 421  |
| BRW103748 | 107  | 1.61 | 21.6 | 0.9 | 1.2   | 5.6  | 16 | 0.05 | 1.2  | 0.2  | 35  | 0.09 | 0.035 | 13  | 19  | 0.19 | 227  |
| BRW103749 | 166  | 3.55 | 24.4 | 1.3 | 22.1  | 6.9  | 16 | 0.1  | 2.2  | 0.2  | 48  | 0.08 | 0.038 | 18  | 33  | 0.21 | 197  |
| BRW103750 | 1100 | 6.32 | 7.1  | 1.2 | 0.25  | 5.7  | 12 | 0.05 | 0.3  | 0.05 | 106 | 0.17 | 0.046 | 16  | 87  | 1.87 | 435  |
| BRW103760 | 499  | 2.84 | 7.8  | 0.9 | 2.9   | 4.5  | 41 | 0.1  | 0.5  | 0.1  | 62  | 0.66 | 0.07  | 15  | 32  | 0.56 | 294  |
| BRW103764 | 498  | 2.53 | 7.6  | 0.7 | 6.6   | 3.3  | 36 | 0.2  | 0.5  | 0.1  | 59  | 0.77 | 0.079 | 12  | 37  | 0.62 | 237  |
| BRW103771 | 579  | 5.25 | 5.6  | 1   | 0.25  | 5.2  | 41 | 0.05 | 0.2  | 0.05 | 69  | 0.56 | 0.066 | 11  | 13  | 0.74 | 425  |
| BRW103771 | 611  | 5.7  | 5.7  | 1.1 | 0.25  | 5.3  | 44 | 0.05 | 0.2  | 0.05 | 76  | 0.59 | 0.068 | 11  | 14  | 0.78 | 434  |
| BRW103773 | 434  | 4.19 | 6.2  | 0.4 | 1.1   | 2.1  | 23 | 0.05 | 0.3  | 0.1  | 108 | 0.45 | 0.042 | 8   | 35  | 0.83 | 189  |
| BRW103774 | 286  | 2.73 | 7.2  | 0.5 | 2     | 2.8  | 24 | 0.05 | 0.3  | 0.1  | 64  | 0.38 | 0.042 | 10  | 30  | 0.61 | 230  |
| BRW103775 | 570  | 4.49 | 4    | 0.5 | 2.3   | 3    | 53 | 0.05 | 0.1  | 0.05 | 103 | 0.69 | 0.077 | 14  | 18  | 1.62 | 444  |
| BRW103778 | 519  | 2.37 | 2.1  | 0.2 | 0.6   | 1.2  | 56 | 0.05 | 0.1  | 0.05 | 65  | 0.82 | 0.162 | 5   | 161 | 1.53 | 77   |
| BRW103779 | 507  | 4.09 | 3.1  | 0.6 | 0.25  | 4.5  | 27 | 0.05 | 0.2  | 0.05 | 98  | 0.55 | 0.063 | 8   | 131 | 1.92 | 273  |
| BRW103781 | 631  | 5.08 | 62.1 | 0.7 | 1.8   | 17.5 | 15 | 0.3  | 1.2  | 0.05 | 97  | 0.7  | 0.102 | 54  | 81  | 1.29 | 353  |
| BRW103783 | 516  | 4.32 | 14.8 | 1.9 | 2.9   | 81.6 | 17 | 0.2  | 0.2  | 0.1  | 18  | 0.44 | 0.07  | 255 | 9   | 0.13 | 159  |
| BRW103797 | 708  | 4.83 | 0.8  | 0.6 | 1     | 2.5  | 37 | 0.05 | 0.1  | 0.05 | 136 | 0.7  | 0.088 | 7   | 22  | 1.68 | 488  |
| BRW103798 | 531  | 9.9  | 2.3  | 0.6 | 3.3   | 1.5  | 74 | 0.2  | 0.05 | 0.1  | 287 | 0.43 | 0.09  | 13  | 20  | 1.94 | 364  |
| BRW103799 | 703  | 4.51 | 5.7  | 0.7 | 1.8   | 4.9  | 45 | 0.05 | 0.5  | 0.1  | 100 | 0.63 | 0.065 | 16  | 39  | 1.05 | 449  |
| BRW103800 | 514  | 3.12 | 8.5  | 0.8 | 5.6   | 4.2  | 43 | 0.05 | 0.7  | 0.1  | 73  | 0.73 | 0.067 | 17  | 36  | 0.68 | 338  |
| BRW103802 | 1059 | 4.8  | 22.7 | 1.2 | 2.2   | 4.4  | 47 | 0.7  | 0.7  | 0.2  | 167 | 1.96 | 0.185 | 25  | 208 | 1.6  | 299  |
| BRW103804 | 394  | 4.24 | 4.9  | 0.8 | 1.2   | 15.4 | 19 | 0.05 | 0.3  | 0.05 | 70  | 0.33 | 0.048 | 14  | 72  | 1.3  | 470  |
| BRW103806 | 703  | 4.82 | 6.2  | 1.6 | 5.8   | 21.5 | 28 | 0.05 | 0.3  | 0.1  | 94  | 0.62 | 0.11  | 59  | 71  | 1.29 | 514  |
| BRW103808 | 564  | 3.89 | 1.1  | 0.8 | 1.9   | 6.8  | 52 | 0.05 | 0.2  | 0.05 | 55  | 0.71 | 0.137 | 18  | 21  | 1.27 | 446  |
| BRW103809 | 533  | 5.04 | 1    | 0.9 | 0.9   | 20.9 | 15 | 0.05 | 0.2  | 0.05 | 89  | 0.34 | 0.07  | 48  | 108 | 2.02 | 644  |
| BRW103810 | 630  | 2.68 | 8.7  | 0.7 | 0.25  | 4.4  | 74 | 0.05 | 0.3  | 0.05 | 52  | 0.96 | 0.063 | 30  | 40  | 1.01 | 112  |
| BRW103811 | 518  | 3.75 | 18.3 | 0.9 | 4.3   | 6.7  | 46 | 0.05 | 0.6  | 0.1  | 62  | 2.17 | 0.038 | 20  | 32  | 0.7  | 340  |
| BRW103812 | 653  | 4.22 | 8.3  | 0.5 | 2.9   | 3.3  | 52 | 0.05 | 0.4  | 0.05 | 109 | 1.32 | 0.111 | 14  | 39  | 1.47 | 304  |
| BRW103814 | 859  | 5.05 | 5.8  | 0.6 | 15.6  | 4.6  | 41 | 0.05 | 0.5  | 0.05 | 124 | 0.64 | 0.058 | 19  | 38  | 1.22 | 514  |
| BRW103815 | 998  | 5.57 | 5.3  | 0.5 | 4.4   | 1.9  | 38 | 0.05 | 0.2  | 0.05 | 149 | 0.77 | 0.094 | 10  | 24  | 1.1  | 490  |
| BRW103817 | 996  | 5.8  | 28.1 | 1.1 | 1.2   | 3.6  | 63 | 0.3  | 0.6  | 0.05 | 327 | 1.41 | 0.174 | 13  | 65  | 1.12 | 560  |
| BRW103817 | 997  | 5.89 | 27.9 | 1.1 | 1.3   | 3.5  | 64 | 0.3  | 0.6  | 0.05 | 346 | 1.44 | 0.173 | 13  | 69  | 1.15 | 564  |
| BRW103818 | 665  | 6.16 | 3.5  | 0.9 | 1.7   | 8.1  | 29 | 0.2  | 0.1  | 0.1  | 285 | 0.69 | 0.076 | 34  | 41  | 1.28 | 526  |
| BRW103819 | 398  | 3.41 | 5.2  | 0.3 | 1.4   | 2    | 24 | 0.05 | 0.2  | 0.05 | 99  | 0.42 | 0.03  | 3   | 68  | 1.35 | 251  |
| BRW103820 | 716  | 4.27 | 3.2  | 0.2 | 3.8   | 0.8  | 57 | 0.05 | 0.1  | 0.05 | 109 | 4.14 | 0.093 | 4   | 53  | 1.29 | 428  |
| BRW103827 | 395  | 4.4  | 5.4  | 0.7 | 1.3   | 4.6  | 30 | 0.05 | 0.5  | 0.1  | 123 | 0.56 | 0.061 | 16  | 44  | 0.81 | 315  |
| BRW103834 | 382  | 3.78 | 9.7  | 1   | 0.25  | 8.2  | 10 | 0.05 | 0.3  | 0.05 | 47  | 0.12 | 0.037 | 11  | 22  | 0.47 | 159  |
| BRW103853 | 531  | 3.29 | 15.1 | 1.1 | 1.6   | 3.9  | 23 | 0.2  | 1.2  | 0.2  | 69  | 0.2  | 0.069 | 14  | 28  | 0.37 | 255  |
| BRW103855 | 303  | 3.25 | 11.4 | 0.6 | 2.7   | 5.3  | 17 | 0.05 | 0.6  | 0.2  | 69  | 0.18 | 0.025 | 11  | 39  | 0.53 | 248  |
| BRW103856 | 228  | 2.98 | 9.1  | 1.6 | 5     | 7.7  | 23 | 0.05 | 0.6  | 0.2  | 62  | 0.26 | 0.02  | 21  | 38  | 0.56 | 335  |
| BRW103901 | 455  | 3.97 | 7.8  | 0.7 | 1.8   | 8.2  | 16 | 0.05 | 0.5  | 0.05 | 55  | 0.17 | 0.035 | 17  | 24  | 0.74 | 283  |
| BRW103902 | 543  | 4.67 | 5.8  | 1.1 | 1.7   | 24   | 13 | 0.05 | 0.3  | 0.05 | 47  | 0.27 | 0.087 | 50  | 16  | 0.95 | 285  |
| BRW103911 | 845  | 5.27 | 66.2 | 0.6 | 4.8   | 8    | 14 | 0.05 | 1.1  | 0.05 | 90  | 0.58 | 0.107 | 42  | 87  | 1.21 | 466  |
| BRW103911 | 806  | 5.23 | 66.3 | 0.6 | 3.1   | 8.3  | 14 | 0.05 | 1.2  | 0.05 | 93  | 0.59 | 0.107 | 44  | 86  | 1.15 | 472  |
| BRW103913 | 424  | 3.52 | 6.2  | 1.1 | 2.9   | 15.1 | 19 | 0.05 | 0.3  | 0.05 | 53  | 0.45 | 0.086 | 48  | 41  | 0.7  | 327  |
| BRW103924 | 562  | 3.83 | 3.1  | 1.2 | 5.5   | 18.7 | 22 | 0.3  | 0.2  | 0.1  | 103 | 0.56 | 0.202 | 39  | 56  | 0.69 | 355  |
| BRW103948 | 654  | 4.08 | 6.5  | 0.8 | 0.25  | 13.1 | 13 | 0.05 | 0.6  | 0.3  | 25  | 0.26 | 0.052 | 30  | 13  | 0.54 | 147  |
| BRW103950 | 500  | 4.09 | 19.7 | 1.1 | 2.6   | 4.9  | 14 | 0.2  | 21.1 | 0.2  | 52  | 0.2  | 0.037 | 12  | 37  | 0.29 | 160  |
| BRW103951 | 522  | 2.91 | 9.2  | 0.8 | 4.2   | 5.2  | 23 | 0.2  | 1    | 0.2  | 59  | 0.28 | 0.026 | 16  | 46  | 0.41 | 277  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW103534 | 0.352 | 0.5 | 3.16 | 0.013 | 1.61 | 0.05 | 0.01  | 3.8  | 0.9  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW103535 | 0.209 | 0.5 | 2.26 | 0.008 | 0.82 | 0.05 | 0.005 | 6.9  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW103537 | 0.181 | 1   | 1.83 | 0.012 | 1.06 | 0.05 | 0.01  | 10.2 | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103548 | 0.138 | 1   | 2.81 | 0.009 | 0.5  | 0.05 | 0.005 | 3.7  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103550 | 0.051 | 0.5 | 1.22 | 0.013 | 0.23 | 0.05 | 0.05  | 11.5 | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW103557 | 0.049 | 2   | 1.25 | 0.006 | 0.36 | 0.05 | 0.03  | 5.1  | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000123 |
| BRW103573 | 0.058 | 2   | 2.65 | 0.022 | 0.29 | 0.05 | 0.02  | 6.3  | 0.2  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000123 |
| BRW103574 | 0.108 | 2   | 1.84 | 0.01  | 0.61 | 0.05 | 0.01  | 7.2  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103583 | 0.12  | 2   | 1.61 | 0.035 | 0.15 | 0.2  | 0.07  | 7.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103584 | 0.19  | 0.5 | 2.49 | 0.01  | 1.06 | 0.05 | 0.005 | 5.6  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103741 | 0.067 | 1   | 1.83 | 0.01  | 0.08 | 0.05 | 0.07  | 4.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103742 | 0.03  | 2   | 1.36 | 0.008 | 0.1  | 0.05 | 0.18  | 12.6 | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000123 |
| BRW103744 | 0.226 | 2   | 2.91 | 0.011 | 0.92 | 0.05 | 0.02  | 7.6  | 0.8  | 0.025 | 9  | 0.5  | 1DX15  | WHI10000123 |
| BRW103745 | 0.021 | 1   | 0.73 | 0.004 | 0.04 | 0.05 | 0.03  | 2.7  | 0.05 | 0.025 | 3  | 5.1  | 1DX15  | WHI10000123 |
| BRW103746 | 0.068 | 1   | 1.16 | 0.009 | 0.25 | 0.1  | 0.02  | 3.6  | 0.1  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000123 |
| BRW103747 | 0.141 | 1   | 2.57 | 0.009 | 0.7  | 0.05 | 0.08  | 5.6  | 0.8  | 0.025 | 8  | 1.1  | 1DX15  | WHI10000123 |
| BRW103748 | 0.021 | 0.5 | 0.79 | 0.005 | 0.09 | 0.05 | 0.02  | 1.6  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000123 |
| BRW103749 | 0.023 | 2   | 0.93 | 0.006 | 0.12 | 0.05 | 0.03  | 3.1  | 0.1  | 0.06  | 3  | 0.6  | 1DX15  | WHI10000123 |
| BRW103750 | 0.385 | 1   | 3.4  | 0.013 | 2.22 | 0.05 | 0.005 | 15.5 | 0.8  | 0.025 | 14 | 0.25 | 1DX15  | WHI10000123 |
| BRW103760 | 0.091 | 2   | 1.63 | 0.026 | 0.07 | 0.2  | 0.04  | 4.4  | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000123 |
| BRW103764 | 0.075 | 3   | 1.38 | 0.025 | 0.1  | 0.2  | 0.03  | 3.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW103771 | 0.031 | 1   | 2.47 | 0.011 | 0.18 | 0.05 | 0.01  | 12.3 | 0.05 | 0.025 | 12 | 0.9  | 1DX15  | WHI10000123 |
| BRW103771 | 0.041 | 1   | 2.68 | 0.014 | 0.19 | 0.05 | 0.01  | 13.2 | 0.05 | 0.025 | 13 | 0.7  | 1DX15  | WHI10000123 |
| BRW103773 | 0.059 | 0.5 | 2.34 | 0.033 | 0.05 | 0.05 | 0.02  | 5.6  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103774 | 0.064 | 1   | 1.7  | 0.019 | 0.06 | 0.05 | 0.03  | 3.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103775 | 0.138 | 0.5 | 3.01 | 0.021 | 0.45 | 0.05 | 0.02  | 3.7  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103778 | 0.038 | 0.5 | 0.96 | 0.011 | 0.02 | 0.05 | 0.005 | 9.7  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000123 |
| BRW103779 | 0.18  | 2   | 2.96 | 0.018 | 0.55 | 0.05 | 0.005 | 4.5  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103781 | 0.111 | 0.5 | 2.75 | 0.009 | 0.81 | 0.05 | 0.04  | 7.3  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW103783 | 0.002 | 1   | 1.04 | 0.005 | 0.09 | 0.05 | 0.04  | 11   | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW103797 | 0.159 | 0.5 | 2.79 | 0.036 | 0.65 | 0.05 | 0.005 | 9.5  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103798 | 0.148 | 0.5 | 3.7  | 0.015 | 0.65 | 0.05 | 0.005 | 21.3 | 0.1  | 0.15  | 13 | 10.4 | 1DX15  | WHI10000123 |
| BRW103799 | 0.134 | 1   | 2.56 | 0.025 | 0.28 | 0.05 | 0.03  | 7.8  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103800 | 0.097 | 2   | 1.8  | 0.044 | 0.08 | 0.2  | 0.03  | 6.1  | 0.05 | 0.025 | 6  | 0.6  | 1DX15  | WHI10000123 |
| BRW103802 | 0.042 | 2   | 2.71 | 0.009 | 0.13 | 0.05 | 0.05  | 12.9 | 0.3  | 0.025 | 9  | 1.8  | 1DX15  | WHI10000123 |
| BRW103804 | 0.123 | 0.5 | 2.61 | 0.01  | 0.9  | 0.05 | 0.02  | 4.9  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103806 | 0.116 | 0.5 | 2.5  | 0.013 | 0.46 | 0.05 | 0.02  | 11.8 | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW103808 | 0.108 | 0.5 | 2.21 | 0.007 | 0.38 | 0.05 | 0.02  | 3.8  | 0.1  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000123 |
| BRW103809 | 0.222 | 0.5 | 3.07 | 0.01  | 1.36 | 0.05 | 0.005 | 6.7  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW103810 | 0.056 | 3   | 1.6  | 0.003 | 0.16 | 0.05 | 0.01  | 7.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103811 | 0.087 | 3   | 1.97 | 0.015 | 0.23 | 0.05 | 0.03  | 7.2  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW103812 | 0.095 | 3   | 2.34 | 0.036 | 0.19 | 0.05 | 0.02  | 9.2  | 0.05 | 0.025 | 7  | 0.6  | 1DX15  | WHI10000123 |
| BRW103814 | 0.124 | 1   | 2.61 | 0.02  | 0.33 | 0.05 | 0.03  | 10   | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW103815 | 0.101 | 0.5 | 2.77 | 0.029 | 0.39 | 0.05 | 0.03  | 11   | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW103817 | 0.051 | 3   | 2.57 | 0.038 | 0.12 | 0.05 | 0.19  | 17.2 | 0.1  | 0.025 | 10 | 0.9  | 1DX15  | WHI10000123 |
| BRW103817 | 0.053 | 4   | 2.65 | 0.038 | 0.12 | 0.05 | 0.2   | 17.9 | 0.1  | 0.025 | 10 | 0.8  | 1DX15  | WHI10000123 |
| BRW103818 | 0.022 | 1   | 3.09 | 0.013 | 0.19 | 0.05 | 0.03  | 13.6 | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000123 |
| BRW103819 | 0.068 | 1   | 2.16 | 0.02  | 0.17 | 0.05 | 0.02  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103820 | 0.053 | 2   | 1.99 | 0.024 | 0.17 | 0.05 | 0.03  | 8.8  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103827 | 0.075 | 2   | 2.36 | 0.028 | 0.1  | 0.05 | 0.02  | 9.2  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW103834 | 0.116 | 2   | 1.51 | 0.006 | 0.63 | 0.05 | 0.01  | 6.3  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW103853 | 0.034 | 1   | 1.38 | 0.006 | 0.08 | 0.1  | 0.03  | 3    | 0.1  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000123 |
| BRW103855 | 0.079 | 1   | 2.11 | 0.007 | 0.12 | 0.1  | 0.01  | 2.8  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW103856 | 0.074 | 1   | 1.84 | 0.013 | 0.08 | 0.1  | 0.05  | 5.8  | 0.1  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000123 |
| BRW103901 | 0.226 | 2   | 1.92 | 0.01  | 0.82 | 0.1  | 0.005 | 10.1 | 0.4  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000123 |
| BRW103902 | 0.224 | 0.5 | 2.4  | 0.012 | 1.03 | 0.05 | 0.02  | 11.1 | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000123 |
| BRW103911 | 0.134 | 3   | 2.19 | 0.016 | 0.95 | 0.05 | 0.04  | 14   | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103911 | 0.141 | 3   | 2.09 | 0.015 | 0.9  | 0.05 | 0.04  | 14.2 | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW103913 | 0.089 | 2   | 1.76 | 0.015 | 0.35 | 0.05 | 0.03  | 5.7  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103924 | 0.086 | 3   | 1.73 | 0.007 | 0.62 | 0.05 | 0.01  | 4.5  | 0.3  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000123 |
| BRW103948 | 0.065 | 2   | 2.17 | 0.008 | 0.62 | 0.2  | 0.005 | 6.6  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW103950 | 0.05  | 2   | 1.08 | 0.006 | 0.18 | 0.2  | 0.05  | 5.7  | 1.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103951 | 0.066 | 2   | 1.6  | 0.01  | 0.1  | 0.1  | 0.02  | 5.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|-------|------|
| BRW103952 | Soil | 599123     | 7005883    | 07V      | 0.4 | 26.6  | 9.9  | 74  | 0.05 | 35.3  | 10.6 |
| BRW103952 | REP  | 599123     | 7005883    | 07V      | 0.4 | 25.9  | 10.9 | 72  | 0.05 | 35.7  | 10.5 |
| BRW103953 | Soil | 599165     | 7005914    | 07V      | 1   | 18.3  | 9.2  | 69  | 0.05 | 25.9  | 9.7  |
| BRW103954 | Soil | 599242     | 7005974    | 07V      | 1.9 | 19.1  | 8.6  | 50  | 0.1  | 27.6  | 11.4 |
| BRW103955 | Soil | 599284     | 7006005    | 07V      | 1   | 20    | 9.5  | 51  | 0.1  | 26.3  | 10.7 |
| BRW103956 | Soil | 599325     | 7006036    | 07V      | 0.8 | 19    | 8.5  | 52  | 0.05 | 22.6  | 9.6  |
| BRW103958 | Soil | 599404     | 7006097    | 07V      | 0.8 | 47.3  | 7.7  | 88  | 0.05 | 28.2  | 17   |
| BRW103966 | Soil | 596119     | 7006320    | 07V      | 1.6 | 28    | 12.7 | 118 | 0.05 | 20.3  | 16   |
| BRW103968 | Soil | 596197     | 7006382    | 07V      | 2.2 | 75.9  | 9.4  | 98  | 0.05 | 97.6  | 26   |
| BRW103969 | Soil | 596237     | 7006412    | 07V      | 1.3 | 63    | 7.6  | 98  | 0.05 | 56.2  | 21   |
| BRW103970 | Soil | 596275     | 7006442    | 07V      | 0.8 | 47.9  | 9.4  | 84  | 0.05 | 65    | 23.8 |
| BRW103971 | Soil | 596313     | 7006473    | 07V      | 1.3 | 46.2  | 13.9 | 126 | 0.05 | 51.3  | 16.2 |
| BRW103972 | Soil | 596354     | 7006504    | 07V      | 0.3 | 19    | 5.7  | 66  | 0.05 | 12    | 12.4 |
| BRW103974 | Soil | 596434     | 7006565    | 07V      | 5.3 | 60.8  | 12.2 | 104 | 0.05 | 64    | 18.9 |
| BRW103976 | Soil | 596513     | 7006628    | 07V      | 1.4 | 78.9  | 6.5  | 85  | 0.05 | 103.4 | 28.3 |
| BRW103981 | Soil | 596709     | 7006781    | 07V      | 0.6 | 7.7   | 12.7 | 105 | 0.05 | 8.3   | 6.8  |
| BRW103985 | Soil | 596865     | 7006904    | 07V      | 0.5 | 33.1  | 32.4 | 78  | 0.05 | 23.6  | 16.8 |
| BRW103986 | Soil | 596906     | 7006935    | 07V      | 1.2 | 30.3  | 10.8 | 71  | 0.05 | 39.8  | 12.9 |
| BRW103991 | Soil | 597103     | 7007090    | 07V      | 0.8 | 10.6  | 4.3  | 72  | 0.05 | 8     | 8.3  |
| BRW104050 | Soil | 596689     | 7005753    | 07V      | 1.5 | 43.1  | 7.4  | 66  | 0.05 | 22.5  | 12.6 |
| BRW104060 | Soil | 596419     | 7005540    | 07V      | 2.3 | 79.2  | 7.7  | 144 | 0.05 | 79.9  | 22.6 |
| BRW104165 | Soil | 595743     | 7005012    | 07V      | 0.5 | 105.6 | 3    | 327 | 0.1  | 14.6  | 21.1 |
| BRW104166 | Soil | 595780     | 7005044    | 07V      | 0.6 | 91.5  | 2.6  | 143 | 0.05 | 20.5  | 23.9 |
| BRW104167 | Soil | 595820     | 7005073    | 07V      | 0.2 | 44.9  | 1.3  | 115 | 0.05 | 6.1   | 14.5 |
| BRW104168 | Soil | 595861     | 7005105    | 07V      | 0.4 | 61.7  | 3.6  | 76  | 0.05 | 16.2  | 19.5 |
| BRW104169 | Soil | 595901     | 7005135    | 07V      | 0.7 | 69.3  | 4.8  | 75  | 0.05 | 28.5  | 18.8 |
| BRW104172 | Soil | 596019     | 7005229    | 07V      | 1.7 | 62.8  | 5.2  | 121 | 0.05 | 36.3  | 19.2 |
| BRW104324 | Soil | 597501     | 7006256    | 07V      | 0.5 | 32.6  | 8.6  | 62  | 0.05 | 25.5  | 9.4  |
| BRW104325 | Soil | 597540     | 7006288    | 07V      | 0.4 | 28.9  | 10.3 | 81  | 0.05 | 103.7 | 22.7 |
| BRW104326 | Soil | 597540     | 7006288    | 07V      | 0.5 | 30.1  | 11.4 | 80  | 0.05 | 94.2  | 21.2 |
| BRW104327 | Soil | 597579     | 7006320    | 07V      | 0.2 | 36.7  | 5.4  | 104 | 0.05 | 31.4  | 19.7 |
| BRW104463 | Soil | 597009     | 7005742    | 07V      | 1.6 | 55    | 3.6  | 136 | 0.05 | 32.3  | 28.4 |
| BRW104464 | Soil | 597050     | 7005774    | 07V      | 1.1 | 57.4  | 6.3  | 108 | 0.05 | 61.2  | 27.2 |
| BRW104468 | Soil | 597206     | 7005898    | 07V      | 1.1 | 35.3  | 9.6  | 65  | 0.05 | 33.6  | 15.6 |
| BRW104471 | Soil | 597325     | 7005996    | 07V      | 0.8 | 31.8  | 8.5  | 75  | 0.05 | 41.8  | 16.4 |
| BRW104474 | Soil | 597445     | 7006084    | 07V      | 1.3 | 15.5  | 23.3 | 97  | 0.05 | 15.2  | 11.3 |
| BRW104476 | Soil | 597523     | 7006146    | 07V      | 1.2 | 39.4  | 9.4  | 85  | 0.05 | 27.8  | 13.5 |
| BRW104477 | Soil | 597562     | 7006176    | 07V      | 1   | 34.7  | 18.6 | 118 | 0.05 | 10.9  | 13.8 |
| BRW104479 | Soil | 597640     | 7006239    | 07V      | 0.7 | 46.8  | 10.5 | 87  | 0.05 | 50.1  | 19   |
| BRW104480 | Soil | 597640     | 7006239    | 07V      | 1.1 | 45.6  | 8.1  | 90  | 0.05 | 55.2  | 23.9 |
| BRW104481 | Soil | 597680     | 7006270    | 07V      | 1.5 | 47.2  | 12.2 | 86  | 0.05 | 31.4  | 14.3 |
| BRW104482 | Soil | 597719     | 7006302    | 07V      | 2.3 | 64.1  | 18.5 | 129 | 0.4  | 52.2  | 15.4 |
| BRW104488 | Soil | 599138     | 7005376    | 07V      | 1.6 | 19    | 11.6 | 109 | 0.05 | 11.1  | 15.7 |
| BRW104488 | REP  | 599138     | 7005376    | 07V      | 1.8 | 19.2  | 11.6 | 111 | 0.05 | 12.6  | 16   |
| BRW104490 | Soil | 599217     | 7005436    | 07V      | 1.6 | 35.3  | 21.3 | 85  | 0.05 | 17.1  | 21.3 |
| BRW104491 | Soil | 599255     | 7005467    | 07V      | 1.7 | 64.2  | 7.1  | 97  | 0.05 | 103.6 | 24.6 |
| BRW104492 | Soil | 599297     | 7005499    | 07V      | 0.5 | 20.2  | 16.2 | 33  | 0.1  | 20.2  | 4.9  |
| BRW104493 | Soil | 599335     | 7005529    | 07V      | 9.2 | 69.5  | 16.7 | 115 | 0.1  | 59    | 17.9 |
| BRW104494 | Soil | 599373     | 7005561    | 07V      | 1.7 | 41.6  | 10   | 52  | 0.1  | 34.1  | 13.8 |
| BRW104497 | Soil | 599492     | 7005654    | 07V      | 1.1 | 51.9  | 9.2  | 76  | 0.1  | 34.3  | 13.3 |
| BRW104499 | Soil | 599569     | 7005715    | 07V      | 1.2 | 41.1  | 9.6  | 61  | 0.1  | 33.3  | 13.9 |
| BRW108003 | Soil | 597455     | 7006475    | 07V      | 2.9 | 77.1  | 11.1 | 111 | 0.05 | 55.1  | 14.4 |
| BRW108006 | Soil | 597337     | 7006382    | 07V      | 3.4 | 46.1  | 10.4 | 141 | 0.05 | 56.1  | 17.6 |
| BRW108007 | Soil | 597297     | 7006352    | 07V      | 1.7 | 49.3  | 15.7 | 145 | 0.05 | 46.8  | 21.8 |
| BRW108012 | Soil | 597099     | 7006197    | 07V      | 0.3 | 89.6  | 5.3  | 46  | 0.05 | 44.5  | 23.7 |
| BRW90193  | Soil | 597091     | 7004669    | 07V      | 0.8 | 10.4  | 5.2  | 70  | 0.05 | 8.2   | 8.6  |
| BRW90196  | Soil | 597206     | 7004760    | 07V      | 0.8 | 45.6  | 2.6  | 116 | 0.05 | 15.6  | 20.3 |
| BRW90197  | Soil | 597245     | 7004792    | 07V      | 0.8 | 43.7  | 1.8  | 56  | 0.05 | 15.1  | 16.7 |
| BRW90197  | REP  | 597245     | 7004792    | 07V      | 0.9 | 42.4  | 1.8  | 57  | 0.1  | 14.3  | 16.7 |
| BRW90198  | Soil | 597284     | 7004822    | 07V      | 0.9 | 71.5  | 5    | 62  | 0.5  | 38.3  | 19.2 |
| BRW92280  | Soil | 595948     | 7005806    | 07V      | 0.9 | 74    | 4.1  | 63  | 0.05 | 94.3  | 22.8 |
| BRW92282  | Soil | 596025     | 7005869    | 07V      | 1.1 | 47.2  | 8.4  | 86  | 0.1  | 36    | 13   |
| BRW93599  | Soil | 595551     | 7005496    | 07V      | 0.6 | 53.9  | 3.1  | 110 | 0.05 | 11.9  | 15.5 |

| SampleID  | Mn   | Fe   | As   | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca    | P     | La  | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|-----|------|------|------|-----|-------|-------|-----|-----|------|-----|
| BRW103952 | 282  | 2.92 | 9.8  | 1.3 | 2    | 5.5  | 8   | 0.1  | 3.3  | 0.3  | 53  | 0.07  | 0.015 | 17  | 86  | 0.57 | 179 |
| BRW103952 | 281  | 2.9  | 9.7  | 1.2 | 1.4  | 5.5  | 8   | 0.2  | 3.5  | 0.3  | 53  | 0.06  | 0.016 | 17  | 88  | 0.57 | 191 |
| BRW103953 | 294  | 3.4  | 10.7 | 0.9 | 1.1  | 3.6  | 14  | 0.1  | 2    | 0.2  | 79  | 0.16  | 0.03  | 8   | 42  | 0.5  | 179 |
| BRW103954 | 592  | 2.67 | 7.9  | 0.7 | 1.8  | 3.4  | 25  | 0.1  | 0.8  | 0.1  | 60  | 0.38  | 0.04  | 12  | 44  | 0.48 | 292 |
| BRW103955 | 320  | 2.91 | 9.9  | 0.7 | 2.2  | 3.9  | 22  | 0.05 | 0.6  | 0.2  | 68  | 0.25  | 0.02  | 13  | 43  | 0.54 | 242 |
| BRW103956 | 277  | 2.88 | 8.6  | 0.8 | 1.7  | 3.7  | 19  | 0.1  | 0.7  | 0.2  | 62  | 0.23  | 0.014 | 13  | 35  | 0.47 | 298 |
| BRW103958 | 589  | 5.48 | 6.4  | 1   | 4.1  | 4.5  | 15  | 0.05 | 1.2  | 0.1  | 107 | 0.4   | 0.061 | 12  | 66  | 1.18 | 243 |
| BRW103966 | 861  | 5.46 | 4    | 0.8 | 2.2  | 24   | 17  | 0.05 | 0.3  | 0.05 | 56  | 0.36  | 0.052 | 61  | 38  | 1.11 | 824 |
| BRW103968 | 751  | 5.77 | 3.6  | 1.1 | 1.5  | 21.8 | 18  | 0.05 | 0.1  | 0.05 | 89  | 0.54  | 0.064 | 86  | 158 | 1.94 | 370 |
| BRW103969 | 634  | 5.26 | 5.4  | 0.8 | 1.5  | 28.4 | 17  | 0.05 | 0.1  | 0.05 | 85  | 0.36  | 0.051 | 65  | 83  | 1.66 | 637 |
| BRW103970 | 456  | 5    | 1.7  | 0.8 | 1.2  | 25   | 15  | 0.05 | 0.05 | 0.05 | 62  | 0.44  | 0.082 | 44  | 77  | 1.26 | 451 |
| BRW103971 | 361  | 4.25 | 4.6  | 1   | 1.7  | 20.3 | 16  | 0.1  | 0.2  | 0.05 | 89  | 0.28  | 0.097 | 59  | 83  | 1.07 | 546 |
| BRW103972 | 252  | 2.88 | 1.6  | 1.1 | 0.5  | 21.7 | 36  | 0.05 | 0.05 | 0.05 | 57  | 0.75  | 0.24  | 75  | 75  | 1.2  | 999 |
| BRW103974 | 426  | 5.57 | 24.9 | 0.9 | 0.7  | 11.6 | 17  | 0.1  | 0.2  | 0.05 | 100 | 0.14  | 0.028 | 25  | 59  | 0.28 | 228 |
| BRW103976 | 513  | 4.85 | 2.7  | 0.9 | 0.6  | 14.8 | 27  | 0.05 | 0.1  | 0.05 | 120 | 0.86  | 0.318 | 38  | 85  | 1.93 | 983 |
| BRW103981 | 622  | 3.52 | 2.5  | 0.6 | 0.25 | 14   | 15  | 0.1  | 0.3  | 0.05 | 34  | 0.26  | 0.03  | 24  | 16  | 0.69 | 335 |
| BRW103985 | 641  | 4.47 | 7.1  | 1.8 | 2.2  | 11.8 | 27  | 0.05 | 0.3  | 0.1  | 66  | 0.61  | 0.123 | 30  | 79  | 2.2  | 298 |
| BRW103986 | 479  | 3.67 | 10.8 | 0.9 | 2.9  | 4.8  | 18  | 0.05 | 0.7  | 0.2  | 61  | 0.18  | 0.035 | 18  | 50  | 0.82 | 325 |
| BRW103991 | 397  | 3.78 | 4    | 0.6 | 0.8  | 4.9  | 9   | 0.05 | 0.4  | 0.05 | 34  | 0.07  | 0.028 | 9   | 13  | 0.5  | 220 |
| BRW104050 | 544  | 3.57 | 21.3 | 0.8 | 8    | 5.7  | 51  | 0.05 | 0.6  | 0.05 | 61  | 2.89  | 0.043 | 20  | 33  | 0.74 | 358 |
| BRW104060 | 253  | 5.37 | 2.8  | 1   | 3.2  | 24.1 | 11  | 0.05 | 0.1  | 0.05 | 173 | 0.48  | 0.163 | 26  | 102 | 1.4  | 526 |
| BRW104165 | 1054 | 5.8  | 3    | 0.8 | 1.2  | 4.2  | 27  | 0.8  | 0.2  | 0.05 | 152 | 0.65  | 0.079 | 18  | 22  | 1.56 | 869 |
| BRW104166 | 904  | 7.12 | 1.2  | 1   | 1    | 1.3  | 37  | 0.05 | 0.05 | 0.05 | 185 | 0.97  | 0.112 | 7   | 49  | 2.45 | 298 |
| BRW104167 | 620  | 3.61 | 2.5  | 0.4 | 1.9  | 1    | 151 | 0.05 | 0.1  | 0.05 | 98  | 14.16 | 0.081 | 6   | 10  | 1.04 | 709 |
| BRW104168 | 644  | 4.04 | 3.9  | 0.5 | 2.8  | 2.2  | 54  | 0.05 | 0.3  | 0.05 | 103 | 1.88  | 0.123 | 8   | 22  | 1.34 | 305 |
| BRW104169 | 728  | 3.9  | 6.2  | 0.6 | 1.3  | 2.2  | 63  | 0.1  | 0.2  | 0.05 | 87  | 4.51  | 0.084 | 10  | 32  | 1.05 | 381 |
| BRW104172 | 722  | 4.47 | 21.2 | 0.9 | 2.7  | 7.9  | 29  | 0.05 | 0.2  | 0.05 | 101 | 0.78  | 0.164 | 25  | 41  | 1.27 | 623 |
| BRW104324 | 354  | 2.96 | 9.3  | 0.5 | 2.6  | 6.3  | 31  | 0.05 | 0.6  | 0.1  | 55  | 0.67  | 0.062 | 18  | 33  | 0.72 | 299 |
| BRW104325 | 689  | 5.21 | 4.4  | 0.7 | 0.9  | 16.9 | 22  | 0.05 | 0.2  | 0.05 | 80  | 0.69  | 0.121 | 76  | 141 | 2.49 | 318 |
| BRW104326 | 643  | 5.01 | 4.5  | 0.7 | 0.8  | 18.1 | 22  | 0.05 | 0.2  | 0.05 | 72  | 0.63  | 0.116 | 73  | 123 | 2.31 | 296 |
| BRW104327 | 695  | 4.02 | 4.7  | 0.5 | 0.9  | 1.5  | 11  | 0.05 | 0.3  | 0.05 | 109 | 0.31  | 0.06  | 10  | 146 | 2.26 | 333 |
| BRW104463 | 568  | 5.4  | 2.2  | 0.3 | 0.6  | 5.3  | 23  | 0.05 | 0.1  | 0.05 | 122 | 0.44  | 0.06  | 12  | 61  | 1.81 | 518 |
| BRW104464 | 663  | 5.23 | 7.4  | 0.6 | 3.3  | 9    | 55  | 0.05 | 0.1  | 0.05 | 115 | 1.25  | 0.029 | 31  | 101 | 2.07 | 695 |
| BRW104468 | 553  | 3.1  | 10.2 | 0.4 | 3.3  | 7    | 36  | 0.2  | 0.6  | 0.1  | 64  | 0.72  | 0.105 | 20  | 55  | 0.75 | 324 |
| BRW104471 | 598  | 3.7  | 1.5  | 0.6 | 0.9  | 48.3 | 113 | 0.05 | 0.1  | 0.05 | 52  | 7.19  | 0.044 | 136 | 55  | 2.01 | 822 |
| BRW104474 | 501  | 4.54 | 5.8  | 1.3 | 0.25 | 45.9 | 15  | 0.05 | 0.4  | 0.2  | 45  | 0.18  | 0.031 | 80  | 23  | 0.89 | 444 |
| BRW104476 | 686  | 3.6  | 8.5  | 0.5 | 1.8  | 5.7  | 36  | 0.2  | 0.6  | 0.1  | 59  | 0.73  | 0.05  | 18  | 29  | 0.74 | 328 |
| BRW104477 | 588  | 5.52 | 7.3  | 1.3 | 0.25 | 33.9 | 10  | 0.05 | 0.2  | 0.05 | 75  | 0.16  | 0.054 | 40  | 26  | 1.57 | 258 |
| BRW104479 | 320  | 4.06 | 4.5  | 0.9 | 3.7  | 18.6 | 18  | 0.05 | 0.4  | 0.05 | 64  | 0.31  | 0.062 | 55  | 44  | 1.18 | 332 |
| BRW104480 | 446  | 4.25 | 2.8  | 0.8 | 5    | 17.7 | 18  | 0.05 | 0.2  | 0.05 | 65  | 0.31  | 0.039 | 64  | 50  | 1.56 | 292 |
| BRW104481 | 707  | 3.54 | 25.8 | 0.7 | 5.4  | 6    | 32  | 0.2  | 1.5  | 0.2  | 64  | 0.45  | 0.052 | 18  | 34  | 0.62 | 524 |
| BRW104482 | 475  | 3.55 | 45.9 | 1.4 | 17.5 | 6.6  | 61  | 0.3  | 3.3  | 0.2  | 50  | 2.43  | 0.045 | 22  | 32  | 0.48 | 346 |
| BRW104488 | 628  | 5.84 | 7    | 1.7 | 0.25 | 9.4  | 17  | 0.05 | 0.2  | 0.05 | 79  | 0.46  | 0.15  | 45  | 26  | 1.2  | 201 |
| BRW104488 | 650  | 6.01 | 7.1  | 1.7 | 0.25 | 9.4  | 18  | 0.05 | 0.2  | 0.05 | 84  | 0.48  | 0.158 | 47  | 27  | 1.24 | 207 |
| BRW104490 | 634  | 5.61 | 4.8  | 0.9 | 0.9  | 9.1  | 15  | 0.05 | 0.1  | 0.1  | 79  | 0.69  | 0.21  | 35  | 58  | 1.41 | 266 |
| BRW104491 | 810  | 5.59 | 22.6 | 0.7 | 0.7  | 8.5  | 19  | 0.05 | 0.3  | 0.05 | 103 | 0.73  | 0.171 | 25  | 272 | 2.12 | 389 |
| BRW104492 | 641  | 1.56 | 8.7  | 0.5 | 4.1  | 0.4  | 82  | 0.2  | 1    | 0.05 | 30  | 11.54 | 0.074 | 5   | 14  | 4.77 | 246 |
| BRW104493 | 563  | 4.49 | 19.5 | 1.1 | 37.1 | 8.7  | 44  | 0.2  | 6.6  | 0.3  | 50  | 0.38  | 0.033 | 29  | 36  | 0.26 | 344 |
| BRW104494 | 323  | 3.58 | 18.8 | 0.8 | 4.3  | 5.1  | 25  | 0.05 | 2    | 0.2  | 73  | 0.49  | 0.02  | 18  | 48  | 0.5  | 207 |
| BRW104497 | 546  | 2.86 | 11.9 | 0.8 | 4    | 2.6  | 146 | 0.4  | 1.2  | 0.2  | 63  | 5.23  | 0.064 | 12  | 35  | 1.02 | 383 |
| BRW104499 | 503  | 3.03 | 10.2 | 0.5 | 5.7  | 4    | 24  | 0.2  | 0.9  | 0.2  | 55  | 0.74  | 0.052 | 14  | 39  | 0.68 | 246 |
| BRW108003 | 381  | 4.28 | 33.2 | 1.6 | 8.7  | 5    | 22  | 0.05 | 7.6  | 0.2  | 54  | 0.2   | 0.079 | 12  | 31  | 0.38 | 276 |
| BRW108006 | 575  | 5.93 | 47.6 | 1.3 | 3.2  | 28.1 | 10  | 0.05 | 0.2  | 0.05 | 114 | 0.22  | 0.054 | 36  | 70  | 1.45 | 325 |
| BRW108007 | 488  | 4.44 | 4.1  | 0.9 | 2.6  | 7.7  | 23  | 0.05 | 0.2  | 0.1  | 90  | 0.29  | 0.06  | 13  | 61  | 1.22 | 669 |
| BRW108012 | 559  | 3.14 | 1.8  | 0.2 | 0.25 | 0.9  | 13  | 0.05 | 0.05 | 0.05 | 104 | 0.42  | 0.049 | 2   | 364 | 2    | 245 |
| BRW90193  | 276  | 2.9  | 2.8  | 0.2 | 1.5  | 1.4  | 92  | 0.2  | 0.4  | 0.05 | 51  | 0.59  | 0.049 | 5   | 15  | 0.71 | 120 |
| BRW90196  | 755  | 5.87 | 2.6  | 0.7 | 3.1  | 8.1  | 35  | 0.05 | 0.2  | 0.05 | 99  | 0.81  | 0.152 | 14  | 34  | 1.75 | 313 |
| BRW90197  | 651  | 3.89 | 4.1  | 0.1 | 5.6  | 0.5  | 77  | 0.05 | 0.1  | 0.05 | 91  | 6.7   | 0.102 | 3   | 31  | 1.44 | 108 |
| BRW90197  | 629  | 3.73 | 3.7  | 0.2 | 3.8  | 0.5  | 76  | 0.05 | 0.2  | 0.05 | 83  | 6.39  | 0.099 | 3   | 30  | 1.37 | 105 |
| BRW90198  | 539  | 3.37 | 13.2 | 0.5 | 6.7  | 2.7  | 24  | 0.05 | 0.3  | 0.05 | 116 | 0.63  | 0.047 | 11  | 54  | 1.19 | 196 |
| BRW92280  | 537  | 3.88 | 8.3  | 0.3 | 1.2  | 2.3  | 22  | 0.2  | 0.4  | 0.05 | 102 | 1.18  | 0.082 | 10  | 113 | 1.6  | 286 |
| BRW92282  | 480  | 2.96 | 18.9 | 0.7 | 1.5  | 8.3  | 93  | 0.05 | 0.5  | 0.05 | 59  | 10.88 | 0.048 | 25  | 31  | 0.29 | 305 |
| BRW93599  | 702  | 5.18 | 3.9  | 0.7 | 1    | 2.3  | 24  | 0.05 | 0.1  | 0.05 | 81  | 0.62  | 0.117 | 13  | 11  | 1.21 | 404 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW103952 | 0.059 | 1   | 1.34 | 0.004 | 0.29 | 0.1  | 0.07  | 6    | 0.3  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000123 |
| BRW103952 | 0.058 | 2   | 1.38 | 0.004 | 0.28 | 0.1  | 0.06  | 6    | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103953 | 0.115 | 3   | 1.86 | 0.014 | 0.35 | 0.1  | 0.01  | 4    | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW103954 | 0.059 | 2   | 1.65 | 0.012 | 0.17 | 0.1  | 0.02  | 3.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103955 | 0.083 | 2   | 1.87 | 0.016 | 0.07 | 0.1  | 0.02  | 4.4  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW103956 | 0.054 | 2   | 1.72 | 0.009 | 0.06 | 0.1  | 0.01  | 4.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW103958 | 0.117 | 3   | 2.48 | 0.011 | 0.97 | 0.1  | 0.05  | 14.8 | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103966 | 0.12  | 1   | 2.18 | 0.009 | 0.82 | 0.05 | 0.02  | 11.6 | 0.3  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000123 |
| BRW103968 | 0.075 | 2   | 3.76 | 0.01  | 0.75 | 0.05 | 0.01  | 10.2 | 0.3  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000123 |
| BRW103969 | 0.206 | 1   | 3.41 | 0.018 | 1.37 | 0.05 | 0.02  | 6.7  | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW103970 | 0.159 | 0.5 | 2.73 | 0.021 | 1.06 | 0.05 | 0.005 | 5.5  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW103971 | 0.169 | 2   | 2.29 | 0.012 | 1.05 | 0.05 | 0.02  | 7.4  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW103972 | 0.175 | 0.5 | 2.41 | 0.043 | 0.87 | 0.05 | 0.005 | 4.2  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW103974 | 0.022 | 0.5 | 1.09 | 0.007 | 0.2  | 0.05 | 0.01  | 10.2 | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW103976 | 0.178 | 0.5 | 3.54 | 0.027 | 1.21 | 0.05 | 0.005 | 6.4  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW103981 | 0.175 | 0.5 | 1.78 | 0.013 | 0.91 | 0.1  | 0.01  | 9.6  | 0.6  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW103985 | 0.093 | 0.5 | 3.05 | 0.015 | 0.83 | 0.05 | 0.02  | 10.4 | 0.7  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW103986 | 0.08  | 1   | 2.41 | 0.011 | 0.18 | 0.05 | 0.02  | 4.7  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW103991 | 0.187 | 0.5 | 1.71 | 0.008 | 0.54 | 0.05 | 0.02  | 8.2  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW104050 | 0.074 | 3   | 1.93 | 0.016 | 0.21 | 0.05 | 0.04  | 6.8  | 0.1  | 0.06  | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW104060 | 0.198 | 0.5 | 2.97 | 0.009 | 1.29 | 0.05 | 0.005 | 6.7  | 0.5  | 0.025 | 9  | 0.8  | 1DX15  | WHI10000123 |
| BRW104165 | 0.133 | 1   | 2.94 | 0.016 | 0.53 | 0.05 | 0.02  | 10   | 0.2  | 0.025 | 11 | 0.8  | 1DX15  | WHI10000123 |
| BRW104166 | 0.214 | 2   | 3.13 | 0.017 | 0.32 | 0.05 | 0.02  | 14.8 | 0.1  | 0.025 | 15 | 0.6  | 1DX15  | WHI10000123 |
| BRW104167 | 0.07  | 2   | 1.75 | 0.013 | 0.06 | 0.05 | 0.01  | 7.2  | 0.05 | 0.07  | 8  | 0.6  | 1DX15  | WHI10000123 |
| BRW104168 | 0.102 | 2   | 2.2  | 0.04  | 0.14 | 0.05 | 0.01  | 6.7  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW104169 | 0.044 | 4   | 1.93 | 0.015 | 0.13 | 0.05 | 0.02  | 7.6  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW104172 | 0.117 | 0.5 | 2.46 | 0.013 | 0.4  | 0.05 | 0.05  | 7.7  | 0.3  | 0.025 | 8  | 1    | 1DX15  | WHI10000123 |
| BRW104324 | 0.086 | 2   | 1.56 | 0.023 | 0.2  | 0.1  | 0.03  | 4.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW104325 | 0.201 | 1   | 3.81 | 0.014 | 1.44 | 0.05 | 0.01  | 6.4  | 0.6  | 0.025 | 14 | 0.25 | 1DX15  | WHI10000123 |
| BRW104326 | 0.187 | 0.5 | 3.64 | 0.013 | 1.39 | 0.05 | 0.005 | 6    | 0.7  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000123 |
| BRW104327 | 0.294 | 0.5 | 2.67 | 0.012 | 1.68 | 0.05 | 0.005 | 6.7  | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW104463 | 0.205 | 1   | 3.08 | 0.012 | 1.11 | 0.05 | 0.005 | 5.8  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW104464 | 0.128 | 2   | 3.73 | 0.065 | 0.62 | 0.05 | 0.005 | 8.4  | 0.3  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000123 |
| BRW104468 | 0.095 | 2   | 1.67 | 0.026 | 0.21 | 0.1  | 0.02  | 4.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW104471 | 0.119 | 1   | 2.26 | 0.012 | 0.58 | 0.05 | 0.02  | 6.6  | 0.3  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000123 |
| BRW104474 | 0.216 | 1   | 2.3  | 0.009 | 1.11 | 0.05 | 0.005 | 8.6  | 0.4  | 0.025 | 9  | 0.5  | 1DX15  | WHI10000123 |
| BRW104476 | 0.135 | 1   | 1.66 | 0.027 | 0.32 | 0.1  | 0.03  | 6    | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW104477 | 0.292 | 0.5 | 3.14 | 0.011 | 1.79 | 0.05 | 0.005 | 11.4 | 0.8  | 0.025 | 14 | 0.7  | 1DX15  | WHI10000123 |
| BRW104479 | 0.116 | 0.5 | 2.77 | 0.014 | 0.71 | 0.05 | 0.02  | 6.1  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW104480 | 0.15  | 0.5 | 2.78 | 0.014 | 0.91 | 0.05 | 0.01  | 5.5  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW104481 | 0.091 | 0.5 | 1.56 | 0.03  | 0.15 | 0.1  | 0.06  | 5.3  | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000123 |
| BRW104482 | 0.046 | 3   | 1.24 | 0.012 | 0.23 | 0.1  | 0.18  | 5.9  | 0.2  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000123 |
| BRW104488 | 0.272 | 0.5 | 2.91 | 0.01  | 1.59 | 0.05 | 0.02  | 9.8  | 0.8  | 0.025 | 16 | 0.25 | 1DX15  | WHI10000123 |
| BRW104488 | 0.291 | 0.5 | 3    | 0.012 | 1.65 | 0.05 | 0.01  | 10.1 | 0.8  | 0.025 | 16 | 0.25 | 1DX15  | WHI10000123 |
| BRW104490 | 0.162 | 0.5 | 2.76 | 0.01  | 1.11 | 0.05 | 0.02  | 10.6 | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW104491 | 0.188 | 0.5 | 3    | 0.011 | 1.26 | 0.05 | 0.04  | 10.5 | 0.8  | 0.025 | 12 | 0.6  | 1DX15  | WHI10000123 |
| BRW104492 | 0.015 | 3   | 0.56 | 0.012 | 0.06 | 0.1  | 0.06  | 1.1  | 0.05 | 0.05  | 2  | 0.25 | 1DX15  | WHI10000123 |
| BRW104493 | 0.01  | 3   | 1.04 | 0.004 | 0.24 | 0.1  | 0.15  | 9.7  | 0.2  | 0.025 | 3  | 1.1  | 1DX15  | WHI10000123 |
| BRW104494 | 0.056 | 1   | 2.01 | 0.011 | 0.15 | 0.2  | 0.13  | 8    | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW104497 | 0.065 | 4   | 1.53 | 0.07  | 0.1  | 0.2  | 0.06  | 4    | 0.05 | 0.05  | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW104499 | 0.054 | 2   | 1.43 | 0.018 | 0.12 | 0.1  | 0.05  | 5.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW108003 | 0.048 | 1   | 1.29 | 0.007 | 0.17 | 0.1  | 0.05  | 5    | 0.1  | 0.05  | 4  | 1    | 1DX15  | WHI10000123 |
| BRW108006 | 0.195 | 2   | 2.91 | 0.01  | 1.65 | 0.05 | 0.01  | 8.2  | 0.9  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000123 |
| BRW108007 | 0.189 | 2   | 2.78 | 0.015 | 0.75 | 0.1  | 0.005 | 3.8  | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000123 |
| BRW108012 | 0.193 | 0.5 | 2.18 | 0.009 | 1.07 | 0.05 | 0.005 | 4.8  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW90193  | 0.04  | 1   | 2.09 | 0.011 | 0.06 | 0.05 | 0.005 | 2.8  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW90196  | 0.159 | 2   | 3.2  | 0.009 | 0.82 | 0.05 | 0.005 | 7.2  | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |
| BRW90197  | 0.008 | 2   | 2.85 | 0.018 | 0.05 | 0.05 | 0.02  | 9    | 0.05 | 0.08  | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW90197  | 0.008 | 2   | 2.6  | 0.016 | 0.05 | 0.05 | 0.02  | 8.3  | 0.05 | 0.07  | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW90198  | 0.089 | 2   | 2.08 | 0.018 | 0.07 | 0.05 | 0.01  | 11.2 | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW92280  | 0.135 | 1   | 2.18 | 0.024 | 0.48 | 0.05 | 0.03  | 7.9  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW92282  | 0.005 | 3   | 0.9  | 0.009 | 0.1  | 0.05 | 0.02  | 4.4  | 0.1  | 0.09  | 3  | 0.6  | 1DX15  | WHI10000123 |
| BRW93599  | 0.135 | 1   | 2.37 | 0.018 | 0.64 | 0.05 | 0.005 | 11   | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000123 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW93601  | Soil | 595631     | 7005558    | 07V      | 0.4  | 8.5   | 2.1  | 60  | 0.05 | 20.5  | 16.4 |
| BRW93602  | Soil | 595672     | 7005590    | 07V      | 0.4  | 35.6  | 2.4  | 33  | 0.05 | 10.7  | 15.4 |
| BRW93741  | Soil | 596869     | 7004876    | 07V      | 0.6  | 35.7  | 6.3  | 85  | 0.05 | 19.9  | 14.2 |
| BRW93743  | Soil | 596789     | 7004814    | 07V      | 0.7  | 47.5  | 6    | 69  | 0.05 | 39.7  | 16.5 |
| BRW93745  | Soil | 596709     | 7004753    | 07V      | 0.4  | 39.9  | 7.3  | 67  | 0.05 | 40.4  | 12.7 |
| BRW93749  | Soil | 596552     | 7004628    | 07V      | 0.4  | 36.9  | 4.5  | 69  | 0.05 | 34.7  | 16.6 |
| BRW93750  | Soil | 596512     | 7004598    | 07V      | 0.6  | 32.3  | 6.4  | 68  | 0.1  | 19.7  | 11.1 |
| BRW93796  | Soil | 596472     | 7004568    | 07V      | 0.6  | 38.3  | 7    | 70  | 0.05 | 27.2  | 11.3 |
| BRW93797  | Soil | 596434     | 7004535    | 07V      | 0.7  | 24    | 5.7  | 59  | 0.05 | 20.8  | 9.9  |
| BRW93798  | Soil | 596394     | 7004505    | 07V      | 0.6  | 30.4  | 5.8  | 84  | 0.05 | 27.1  | 13   |
| BRW93982  | Soil | 597559     | 7005041    | 07V      | 2.4  | 43    | 9.5  | 68  | 0.05 | 39.8  | 14.5 |
| BRW93997  | Soil | 597639     | 7005102    | 07V      | 0.8  | 59    | 4.1  | 48  | 0.05 | 119.8 | 28.1 |
| BRW93999  | Soil | 597719     | 7005163    | 07V      | 15.2 | 47.7  | 24.4 | 132 | 0.2  | 48.5  | 19.7 |
| BRW100670 | Soil | 596128     | 7004678    | 07V      | 0.7  | 27.4  | 7    | 56  | 0.1  | 22.1  | 9.9  |
| BRW100672 | Soil | 596208     | 7004740    | 07V      | 0.7  | 25.5  | 7.5  | 55  | 0.05 | 19.3  | 8.2  |
| BRW100675 | Soil | 596328     | 7004834    | 07V      | 0.7  | 28.1  | 6.8  | 56  | 0.1  | 20.3  | 12.5 |
| BRW100845 | Soil | 595239     | 7005504    | 07V      | 0.5  | 42.5  | 9.3  | 57  | 0.1  | 27    | 14.3 |
| BRW100860 | Soil | 597132     | 7005589    | 07V      | 0.9  | 33.8  | 8.2  | 67  | 0.1  | 26.2  | 11.6 |
| BRW100862 | Soil | 597249     | 7005682    | 07V      | 1    | 32.8  | 9.7  | 71  | 0.1  | 32.7  | 14.5 |
| BRW100865 | Soil | 597369     | 7005774    | 07V      | 1.9  | 29.8  | 10   | 70  | 0.05 | 27.1  | 11.7 |
| BRW100923 | Soil | 597265     | 7006709    | 07V      | 1    | 90.4  | 23.3 | 133 | 0.05 | 25    | 11.1 |
| BRW100926 | Soil | 597146     | 7006618    | 07V      | 2.3  | 48.1  | 21.5 | 93  | 0.05 | 41.8  | 13.2 |
| BRW100927 | Soil | 597107     | 7006586    | 07V      | 4.4  | 79.8  | 10.5 | 108 | 0.05 | 68.3  | 30.2 |
| BRW100928 | Soil | 597068     | 7006554    | 07V      | 6.8  | 99.6  | 20.9 | 304 | 0.05 | 63.5  | 18.5 |
| BRW100929 | Soil | 597027     | 7006523    | 07V      | 0.3  | 38.8  | 14.9 | 72  | 0.05 | 45    | 20.8 |
| BRW100930 | Soil | 596990     | 7006493    | 07V      | 1.4  | 24.7  | 14.5 | 189 | 0.05 | 12    | 9.8  |
| BRW100931 | Soil | 596949     | 7006461    | 07V      | 1.7  | 28.6  | 8    | 121 | 0.05 | 27.6  | 18.1 |
| BRW100931 | REP  | 596949     | 7006461    | 07V      | 1.7  | 29.6  | 7.8  | 122 | 0.05 | 27.2  | 18.1 |
| BRW100932 | Soil | 596917     | 7006436    | 07V      | 0.9  | 50    | 22.2 | 152 | 0.05 | 43.5  | 18.6 |
| BRW100933 | Soil | 596877     | 7006407    | 07V      | 0.7  | 31.7  | 11.7 | 122 | 0.05 | 18.5  | 19.7 |
| BRW100934 | Soil | 596838     | 7006376    | 07V      | 0.7  | 62.8  | 3.1  | 85  | 0.05 | 29.3  | 23.9 |
| BRW100935 | Soil | 596799     | 7006345    | 07V      | 1.4  | 57.3  | 8.3  | 118 | 0.05 | 49.9  | 22.9 |
| BRW100953 | Soil | 598940     | 7005223    | 07V      | 1.9  | 52.8  | 14.4 | 132 | 0.05 | 44.9  | 15.4 |
| BRW100954 | Soil | 598979     | 7005253    | 07V      | 2.1  | 82.9  | 14.3 | 133 | 0.2  | 53.1  | 18.3 |
| BRW100956 | Soil | 599651     | 7005775    | 07V      | 0.8  | 35.2  | 11.6 | 75  | 0.1  | 27.7  | 11.8 |
| BRW100964 | Soil | 599925     | 7005996    | 07V      | 2.3  | 43.5  | 13.1 | 113 | 0.2  | 37.7  | 12.8 |
| BRW100964 | REP  | 599925     | 7005996    | 07V      | 2.3  | 43.5  | 12.8 | 112 | 0.2  | 38.5  | 13.4 |
| BRW100968 | Soil | 597047     | 7004890    | 07V      | 0.6  | 63    | 4.2  | 68  | 0.05 | 31.6  | 18.8 |
| BRW100970 | Soil | 597126     | 7004951    | 07V      | 1.2  | 57.1  | 2.9  | 60  | 0.05 | 29.6  | 19.4 |
| BRW100970 | REP  | 597126     | 7004951    | 07V      | 1.1  | 57.1  | 2.8  | 60  | 0.05 | 31.2  | 20   |
| BRW100971 | Soil | 597166     | 7004982    | 07V      | 0.7  | 41.1  | 9.9  | 84  | 0.2  | 34.7  | 12.2 |
| BRW100972 | Soil | 597206     | 7005012    | 07V      | 0.7  | 24.3  | 13.5 | 107 | 0.05 | 30.7  | 14.8 |
| BRW100974 | Soil | 597244     | 7005042    | 07V      | 0.8  | 35.6  | 10.1 | 87  | 0.05 | 40.1  | 14.1 |
| BRW100975 | Soil | 597284     | 7005073    | 07V      | 2.2  | 39.7  | 12.2 | 102 | 0.05 | 36.7  | 13.5 |
| BRW100978 | Soil | 597399     | 7005164    | 07V      | 1.4  | 32.3  | 11.2 | 71  | 0.05 | 36.2  | 13.6 |
| BRW101084 | Soil | 596775     | 7005058    | 07V      | 1.1  | 37.9  | 8.6  | 75  | 0.05 | 28.9  | 12.5 |
| BRW101085 | Soil | 596855     | 7005123    | 07V      | 0.7  | 35.5  | 7.1  | 66  | 0.1  | 26.1  | 11.2 |
| BRW101086 | Soil | 596933     | 7005182    | 07V      | 0.8  | 20.4  | 6.3  | 59  | 0.05 | 17.8  | 9.3  |
| BRW101087 | Soil | 596974     | 7005213    | 07V      | 0.7  | 29.1  | 7.4  | 59  | 0.1  | 23.3  | 9.8  |
| BRW101091 | Soil | 596894     | 7005151    | 07V      | 0.7  | 21.6  | 7.8  | 59  | 0.1  | 17.5  | 10.1 |
| BRW101095 | Soil | 597050     | 7005275    | 07V      | 1.6  | 19.8  | 9.2  | 67  | 0.1  | 21.2  | 10.5 |
| BRW101099 | Soil | 597330     | 7005489    | 07V      | 0.8  | 30.6  | 7.9  | 66  | 0.1  | 23.8  | 10.2 |
| BRW101100 | Soil | 597369     | 7005521    | 07V      | 0.8  | 24.6  | 8    | 61  | 0.05 | 21.4  | 10.2 |
| BRW101102 | Soil | 597447     | 7005582    | 07V      | 0.7  | 33.1  | 5.8  | 55  | 0.05 | 26.3  | 12   |
| BRW101103 | Soil | 597489     | 7005613    | 07V      | 0.7  | 25.5  | 7.4  | 57  | 0.1  | 24.2  | 11.4 |
| BRW101117 | Soil | 595494     | 7005330    | 07V      | 0.4  | 160.5 | 5.1  | 68  | 0.05 | 32.5  | 22.6 |
| BRW101124 | Soil | 595770     | 7005543    | 07V      | 0.8  | 23.8  | 9.5  | 51  | 0.05 | 25.8  | 11.5 |
| BRW101127 | Soil | 595852     | 7005605    | 07V      | 0.8  | 34.5  | 9.1  | 71  | 0.1  | 23.9  | 14.3 |
| BRW101139 | Soil | 595599     | 7005278    | 07V      | 0.6  | 90.6  | 6.5  | 70  | 0.05 | 42.7  | 24.5 |
| BRW101140 | Soil | 595636     | 7005306    | 07V      | 0.6  | 76.3  | 6.5  | 73  | 0.05 | 32.6  | 24.1 |
| BRW101142 | Soil | 595715     | 7005371    | 07V      | 1.3  | 43.4  | 14.7 | 96  | 0.2  | 26.7  | 14.7 |
| BRW101187 | Soil | 596495     | 7004457    | 07V      | 0.7  | 31.1  | 6.1  | 72  | 0.05 | 28.7  | 13.7 |
| BRW101199 | Soil | 596993     | 7004718    | 07V      | 0.5  | 126.3 | 5    | 90  | 0.05 | 11.2  | 27   |

| SampleID  | Mn   | Fe   | As_  | U   | Au    | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|-------|------|-----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW93601  | 521  | 4.09 | 2.1  | 0.4 | 1.5   | 1.1  | 29  | 0.05 | 0.2  | 0.05 | 116 | 0.74 | 0.062 | 7  | 61  | 1.18 | 232 |
| BRW93602  | 446  | 3.31 | 2.8  | 0.4 | 1.3   | 1.4  | 24  | 0.05 | 0.2  | 0.05 | 102 | 0.81 | 0.077 | 7  | 14  | 0.81 | 130 |
| BRW93741  | 579  | 3.03 | 5.8  | 0.7 | 3.3   | 2.5  | 30  | 0.2  | 0.5  | 0.1  | 71  | 0.86 | 0.061 | 11 | 31  | 0.64 | 245 |
| BRW93743  | 282  | 3.41 | 12.2 | 0.7 | 0.25  | 3.8  | 38  | 0.05 | 0.4  | 0.05 | 100 | 0.61 | 0.054 | 13 | 94  | 1.12 | 326 |
| BRW93745  | 314  | 2.67 | 6.8  | 0.8 | 3.1   | 3.2  | 29  | 0.2  | 0.5  | 0.1  | 63  | 0.68 | 0.064 | 12 | 70  | 0.83 | 248 |
| BRW93749  | 403  | 3.34 | 16.6 | 0.5 | 0.7   | 2.5  | 52  | 0.05 | 0.3  | 0.05 | 121 | 0.97 | 0.06  | 6  | 102 | 1.3  | 259 |
| BRW93750  | 407  | 3.03 | 7    | 1.1 | 7.1   | 3.3  | 37  | 0.2  | 0.4  | 0.1  | 76  | 0.64 | 0.068 | 16 | 33  | 0.74 | 240 |
| BRW93796  | 351  | 2.7  | 9.1  | 0.7 | 8.8   | 3.5  | 32  | 0.3  | 0.5  | 0.1  | 71  | 0.74 | 0.083 | 13 | 31  | 0.69 | 255 |
| BRW93797  | 321  | 2.51 | 5.9  | 0.7 | 3.6   | 3.2  | 31  | 0.2  | 0.4  | 0.1  | 70  | 0.56 | 0.07  | 12 | 32  | 0.59 | 292 |
| BRW93798  | 329  | 3.24 | 6.1  | 0.8 | 3     | 3.6  | 30  | 0.2  | 0.3  | 0.1  | 89  | 0.53 | 0.09  | 12 | 36  | 0.8  | 282 |
| BRW93982  | 293  | 3.71 | 19.4 | 0.7 | 4.4   | 5    | 20  | 0.1  | 0.6  | 0.1  | 70  | 0.22 | 0.029 | 15 | 55  | 0.47 | 216 |
| BRW93997  | 295  | 2.73 | 6    | 0.3 | 2.9   | 1.7  | 30  | 0.1  | 0.2  | 0.05 | 60  | 0.48 | 0.031 | 6  | 164 | 1.37 | 184 |
| BRW93999  | 1096 | 4.85 | 73.1 | 1.1 | 133.4 | 11.8 | 27  | 0.3  | 1.4  | 0.05 | 48  | 0.77 | 0.081 | 36 | 28  | 0.3  | 517 |
| BRW100670 | 429  | 2.33 | 7.4  | 0.8 | 2.6   | 2.4  | 41  | 0.1  | 0.5  | 0.1  | 54  | 0.62 | 0.072 | 12 | 26  | 0.54 | 329 |
| BRW100672 | 340  | 2.32 | 7.9  | 0.9 | 2.2   | 2.7  | 40  | 0.1  | 0.6  | 0.1  | 59  | 0.62 | 0.077 | 12 | 27  | 0.56 | 270 |
| BRW100675 | 503  | 2.68 | 9    | 1   | 3.9   | 2.5  | 36  | 0.2  | 0.5  | 0.1  | 65  | 0.66 | 0.083 | 12 | 27  | 0.6  | 343 |
| BRW100845 | 580  | 3.1  | 8.6  | 0.9 | 4.5   | 3.4  | 41  | 0.05 | 0.5  | 0.1  | 75  | 1.09 | 0.059 | 15 | 37  | 0.77 | 336 |
| BRW100860 | 421  | 2.83 | 10.5 | 0.6 | 2.2   | 2.9  | 50  | 0.2  | 0.8  | 0.2  | 60  | 1.11 | 0.08  | 12 | 31  | 0.7  | 271 |
| BRW100862 | 545  | 3.24 | 8.5  | 1   | 2     | 9.1  | 32  | 0.2  | 0.5  | 0.2  | 59  | 0.53 | 0.051 | 27 | 39  | 0.77 | 341 |
| BRW100865 | 338  | 3.17 | 12.5 | 1.1 | 12.6  | 5.9  | 36  | 0.05 | 0.4  | 0.05 | 57  | 0.93 | 0.12  | 21 | 50  | 0.81 | 385 |
| BRW100923 | 316  | 3.43 | 10.6 | 2.3 | 8.9   | 23.5 | 20  | 0.7  | 0.9  | 0.2  | 24  | 0.14 | 0.045 | 79 | 24  | 0.59 | 311 |
| BRW100926 | 299  | 3.18 | 32.4 | 2.2 | 5.5   | 10.5 | 23  | 0.05 | 1.9  | 0.2  | 45  | 0.07 | 0.053 | 26 | 31  | 0.32 | 208 |
| BRW100927 | 1444 | 5.71 | 29.7 | 1.6 | 18.2  | 9.2  | 35  | 0.2  | 9    | 0.1  | 84  | 0.18 | 0.076 | 21 | 42  | 0.36 | 528 |
| BRW100928 | 1201 | 4.57 | 6.8  | 1.3 | 23.2  | 13.3 | 9   | 0.5  | 0.1  | 0.05 | 57  | 0.19 | 0.039 | 45 | 48  | 1.25 | 467 |
| BRW100929 | 566  | 4.14 | 1    | 0.8 | 1.4   | 24.2 | 16  | 0.05 | 0.05 | 0.05 | 45  | 0.53 | 0.037 | 64 | 50  | 1.28 | 316 |
| BRW100930 | 849  | 7.13 | 6    | 1.9 | 0.8   | 22.9 | 18  | 0.1  | 0.3  | 0.05 | 75  | 0.37 | 0.11  | 56 | 27  | 1.06 | 256 |
| BRW100931 | 975  | 5.91 | 2.2  | 1.1 | 2.7   | 9    | 15  | 0.05 | 0.2  | 0.1  | 95  | 0.46 | 0.135 | 25 | 86  | 1.47 | 400 |
| BRW100931 | 984  | 5.95 | 2.1  | 1.1 | 1.8   | 8.8  | 16  | 0.05 | 0.2  | 0.1  | 93  | 0.44 | 0.135 | 24 | 85  | 1.49 | 400 |
| BRW100932 | 935  | 6.49 | 3.2  | 1   | 1.8   | 24.3 | 12  | 0.05 | 0.2  | 0.05 | 101 | 0.32 | 0.104 | 57 | 58  | 1.5  | 399 |
| BRW100933 | 813  | 5.84 | 15.3 | 0.8 | 3.3   | 6.9  | 18  | 0.05 | 0.2  | 0.05 | 102 | 0.58 | 0.135 | 66 | 69  | 1.75 | 558 |
| BRW100934 | 615  | 4.78 | 0.6  | 0.5 | 1.2   | 4.5  | 12  | 0.05 | 0.05 | 0.05 | 120 | 0.72 | 0.171 | 31 | 81  | 1.71 | 689 |
| BRW100935 | 609  | 4.97 | 1.4  | 0.8 | 1.8   | 29.4 | 16  | 0.05 | 0.1  | 0.05 | 80  | 0.41 | 0.082 | 63 | 65  | 1.35 | 456 |
| BRW100953 | 481  | 4.1  | 21.6 | 1.2 | 3.4   | 20   | 12  | 0.1  | 0.5  | 0.05 | 53  | 0.27 | 0.065 | 43 | 33  | 0.54 | 578 |
| BRW100954 | 728  | 5.03 | 32.4 | 1.4 | 7.8   | 24   | 9   | 0.1  | 0.3  | 0.05 | 64  | 0.24 | 0.047 | 57 | 36  | 0.67 | 475 |
| BRW100956 | 449  | 3.27 | 11.2 | 0.6 | 4.4   | 5.2  | 40  | 0.1  | 0.8  | 0.2  | 60  | 1.56 | 0.048 | 16 | 36  | 0.75 | 325 |
| BRW100964 | 376  | 4.39 | 7.6  | 1.5 | 1.6   | 9.6  | 13  | 0.1  | 0.9  | 0.2  | 63  | 0.18 | 0.05  | 21 | 38  | 0.49 | 300 |
| BRW100964 | 377  | 4.4  | 7.5  | 1.4 | 2.2   | 9.4  | 13  | 0.2  | 0.8  | 0.2  | 63  | 0.18 | 0.05  | 21 | 37  | 0.51 | 304 |
| BRW100968 | 437  | 3.62 | 3.1  | 0.6 | 1.8   | 4.3  | 169 | 0.05 | 0.2  | 0.05 | 74  | 0.95 | 0.086 | 14 | 96  | 1.23 | 405 |
| BRW100970 | 539  | 4.37 | 6.8  | 0.3 | 27.7  | 1.5  | 30  | 0.05 | 0.3  | 0.05 | 98  | 0.85 | 0.127 | 7  | 77  | 1.33 | 193 |
| BRW100970 | 538  | 4.34 | 6.6  | 0.3 | 41.4  | 1.4  | 29  | 0.05 | 0.3  | 0.05 | 99  | 0.86 | 0.124 | 7  | 78  | 1.31 | 187 |
| BRW100971 | 565  | 2.91 | 7.4  | 0.7 | 3.5   | 5.4  | 34  | 0.3  | 0.4  | 0.1  | 66  | 1.18 | 0.066 | 26 | 37  | 0.54 | 334 |
| BRW100972 | 469  | 4.6  | 1.8  | 1.6 | 1     | 25.8 | 12  | 0.05 | 0.1  | 0.05 | 52  | 0.22 | 0.048 | 36 | 49  | 0.92 | 233 |
| BRW100974 | 259  | 3.74 | 2.3  | 1.3 | 0.9   | 14.6 | 17  | 0.05 | 0.2  | 0.05 | 55  | 0.21 | 0.051 | 39 | 48  | 0.8  | 295 |
| BRW100975 | 365  | 3.86 | 7.5  | 1.1 | 2.8   | 13.3 | 29  | 0.05 | 0.3  | 0.1  | 46  | 0.28 | 0.071 | 36 | 39  | 0.6  | 222 |
| BRW100978 | 318  | 3.57 | 5.7  | 0.7 | 5.2   | 13.2 | 19  | 0.05 | 0.2  | 0.05 | 41  | 0.3  | 0.048 | 32 | 40  | 0.76 | 201 |
| BRW101084 | 452  | 2.83 | 11.2 | 0.7 | 1.8   | 2.7  | 64  | 0.4  | 0.7  | 0.1  | 60  | 1.51 | 0.096 | 12 | 31  | 0.84 | 250 |
| BRW101085 | 394  | 2.7  | 8.8  | 0.6 | 2.9   | 3.7  | 44  | 0.3  | 0.6  | 0.1  | 61  | 0.77 | 0.093 | 13 | 32  | 0.74 | 238 |
| BRW101086 | 407  | 2.22 | 7.2  | 0.7 | 5.4   | 2.7  | 35  | 0.2  | 0.4  | 0.1  | 51  | 0.78 | 0.075 | 12 | 27  | 0.55 | 215 |
| BRW101087 | 426  | 2.36 | 8.1  | 1   | 2.7   | 3.1  | 43  | 0.2  | 0.5  | 0.1  | 52  | 0.86 | 0.078 | 13 | 28  | 0.56 | 258 |
| BRW101091 | 442  | 2.45 | 7.5  | 0.9 | 6.2   | 3.2  | 39  | 0.2  | 0.5  | 0.1  | 53  | 0.66 | 0.071 | 13 | 32  | 0.56 | 273 |
| BRW101095 | 346  | 2.7  | 5.2  | 1   | 1.3   | 6.7  | 30  | 0.1  | 0.3  | 0.1  | 46  | 0.48 | 0.063 | 26 | 32  | 0.52 | 259 |
| BRW101099 | 402  | 2.66 | 9.1  | 0.8 | 3.3   | 3.6  | 43  | 0.3  | 0.6  | 0.2  | 56  | 0.71 | 0.081 | 14 | 29  | 0.61 | 271 |
| BRW101100 | 451  | 2.57 | 8.1  | 0.9 | 2.2   | 4    | 34  | 0.2  | 0.4  | 0.1  | 57  | 0.6  | 0.071 | 17 | 30  | 0.62 | 330 |
| BRW101102 | 346  | 2.63 | 7.2  | 0.5 | 2.1   | 6    | 33  | 0.05 | 0.5  | 0.05 | 58  | 0.61 | 0.074 | 19 | 31  | 0.68 | 243 |
| BRW101103 | 350  | 2.47 | 7.4  | 0.8 | 3.8   | 4.1  | 32  | 0.2  | 0.3  | 0.1  | 54  | 0.68 | 0.053 | 17 | 31  | 0.5  | 261 |
| BRW101117 | 472  | 3.91 | 5.6  | 0.4 | 2.6   | 1.8  | 90  | 0.05 | 0.3  | 0.05 | 93  | 1.32 | 0.076 | 6  | 46  | 1.76 | 233 |
| BRW101124 | 391  | 3    | 9    | 1.1 | 3.4   | 4.9  | 35  | 0.05 | 0.6  | 0.2  | 71  | 0.51 | 0.031 | 16 | 40  | 0.58 | 347 |
| BRW101127 | 471  | 2.97 | 8.6  | 1.2 | 6.7   | 4.2  | 38  | 0.3  | 0.6  | 0.2  | 68  | 0.71 | 0.077 | 18 | 31  | 0.63 | 312 |
| BRW101139 | 625  | 4.65 | 7.1  | 0.5 | 1     | 3.2  | 60  | 0.05 | 0.6  | 0.05 | 118 | 0.9  | 0.055 | 12 | 55  | 1.35 | 293 |
| BRW101140 | 763  | 4.25 | 7.5  | 0.5 | 5.1   | 3.5  | 52  | 0.05 | 0.5  | 0.05 | 109 | 0.98 | 0.07  | 12 | 49  | 1.28 | 301 |
| BRW101142 | 458  | 4.23 | 19.4 | 0.9 | 0.9   | 8.2  | 33  | 0.1  | 1.3  | 0.05 | 81  | 0.4  | 0.056 | 15 | 48  | 1.1  | 411 |
| BRW101187 | 460  | 3.23 | 7    | 0.9 | 1.2   | 3.9  | 34  | 0.1  | 0.3  | 0.1  | 90  | 0.63 | 0.089 | 15 | 43  | 0.77 | 242 |
| BRW101199 | 840  | 5.59 | 1.8  | 0.8 | 1.7   | 2.1  | 93  | 0.05 | 0.2  | 0.05 | 142 | 0.94 | 0.082 | 9  | 13  | 1.35 | 234 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW93601  | 0.056 | 1   | 2.02 | 0.045 | 0.06 | 0.05 | 0.02  | 9.9  | 0.05 | 0.025 | 8  | 0.5  | 1DX15  | WHI10000123 |
| BRW93602  | 0.061 | 0.5 | 1.94 | 0.069 | 0.05 | 0.05 | 0.005 | 7.5  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW93741  | 0.063 | 0.5 | 1.73 | 0.022 | 0.04 | 0.1  | 0.03  | 5.3  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000123 |
| BRW93743  | 0.139 | 1   | 2.22 | 0.022 | 0.15 | 0.05 | 0.02  | 5.3  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW93745  | 0.094 | 0.5 | 1.82 | 0.028 | 0.08 | 0.05 | 0.03  | 4.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW93749  | 0.145 | 0.5 | 2.57 | 0.036 | 0.08 | 0.05 | 0.01  | 7.5  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000123 |
| BRW93750  | 0.111 | 1   | 2.11 | 0.025 | 0.06 | 0.2  | 0.04  | 5.7  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000123 |
| BRW93796  | 0.094 | 1   | 1.51 | 0.036 | 0.08 | 0.2  | 0.04  | 4.2  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000123 |
| BRW93797  | 0.09  | 1   | 1.43 | 0.032 | 0.05 | 0.2  | 0.02  | 3.7  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000123 |
| BRW93798  | 0.122 | 0.5 | 1.74 | 0.029 | 0.19 | 0.05 | 0.02  | 5.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW93982  | 0.029 | 0.5 | 1.99 | 0.009 | 0.07 | 0.05 | 0.02  | 5.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW93997  | 0.061 | 1   | 1.95 | 0.012 | 0.07 | 0.05 | 0.02  | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000123 |
| BRW93999  | 0.015 | 2   | 1.21 | 0.01  | 0.2  | 0.05 | 0.1   | 7.6  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000123 |
| BRW100670 | 0.07  | 2   | 1.42 | 0.027 | 0.05 | 0.2  | 0.04  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW100672 | 0.072 | 1   | 1.42 | 0.025 | 0.05 | 0.2  | 0.03  | 3.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW100675 | 0.081 | 2   | 1.53 | 0.024 | 0.05 | 0.2  | 0.04  | 4.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW100845 | 0.085 | 3   | 1.99 | 0.036 | 0.07 | 0.05 | 0.03  | 5.2  | 0.05 | 0.025 | 6  | 0.5  | 1DX15  | WHI10000124 |
| BRW100860 | 0.083 | 3   | 1.47 | 0.032 | 0.08 | 0.2  | 0.03  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW100862 | 0.104 | 2   | 1.68 | 0.029 | 0.34 | 0.1  | 0.01  | 4.9  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW100865 | 0.09  | 2   | 1.46 | 0.017 | 0.36 | 0.1  | 0.03  | 4.7  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW100923 | 0.081 | 2   | 1.56 | 0.006 | 0.81 | 0.05 | 0.09  | 4.4  | 0.5  | 0.08  | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW100926 | 0.044 | 1   | 1.08 | 0.005 | 0.3  | 0.05 | 0.05  | 4.4  | 0.3  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000124 |
| BRW100927 | 0.021 | 3   | 1.05 | 0.006 | 0.36 | 0.05 | 0.23  | 17.4 | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW100928 | 0.14  | 0.5 | 2.76 | 0.009 | 0.83 | 0.05 | 0.01  | 4.7  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW100929 | 0.222 | 0.5 | 2.73 | 0.012 | 1.05 | 0.05 | 0.01  | 3.3  | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW100930 | 0.302 | 0.5 | 2.63 | 0.01  | 1.6  | 0.05 | 0.01  | 14.5 | 0.8  | 0.025 | 14 | 0.7  | 1DX15  | WHI10000124 |
| BRW100931 | 0.228 | 1   | 2.78 | 0.013 | 1.7  | 0.05 | 0.01  | 15.3 | 0.8  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000124 |
| BRW100931 | 0.227 | 1   | 2.76 | 0.013 | 1.7  | 0.05 | 0.01  | 15.3 | 0.8  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000124 |
| BRW100932 | 0.249 | 0.5 | 3.2  | 0.012 | 1.93 | 0.05 | 0.005 | 12.5 | 0.6  | 0.025 | 14 | 0.6  | 1DX15  | WHI10000124 |
| BRW100933 | 0.185 | 1   | 3.3  | 0.013 | 1.64 | 0.05 | 0.02  | 13.4 | 0.5  | 0.025 | 12 | 0.6  | 1DX15  | WHI10000124 |
| BRW100934 | 0.233 | 0.5 | 3.01 | 0.037 | 1.1  | 0.05 | 0.005 | 9.6  | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW100935 | 0.111 | 0.5 | 2.48 | 0.011 | 0.69 | 0.05 | 0.01  | 7.8  | 0.4  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000124 |
| BRW100953 | 0.054 | 2   | 1.26 | 0.005 | 0.48 | 0.05 | 0.03  | 5.5  | 0.4  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000124 |
| BRW100954 | 0.101 | 0.5 | 1.58 | 0.008 | 0.75 | 0.05 | 0.01  | 5.7  | 0.6  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000124 |
| BRW100956 | 0.099 | 2   | 1.61 | 0.024 | 0.24 | 0.2  | 0.05  | 5.7  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW100964 | 0.078 | 2   | 1.53 | 0.006 | 0.43 | 0.1  | 0.03  | 4.6  | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000124 |
| BRW100964 | 0.077 | 2   | 1.59 | 0.006 | 0.43 | 0.1  | 0.04  | 4.7  | 0.3  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000124 |
| BRW100968 | 0.128 | 1   | 2.75 | 0.03  | 0.2  | 0.05 | 0.005 | 7.1  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW100970 | 0.028 | 2   | 2.8  | 0.021 | 0.19 | 0.05 | 0.04  | 15.5 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW100970 | 0.03  | 2   | 2.82 | 0.023 | 0.19 | 0.05 | 0.04  | 15.7 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW100971 | 0.087 | 2   | 1.9  | 0.022 | 0.07 | 0.1  | 0.04  | 4.4  | 0.05 | 0.025 | 6  | 0.5  | 1DX15  | WHI10000124 |
| BRW100972 | 0.24  | 0.5 | 1.99 | 0.008 | 1.24 | 0.05 | 0.005 | 6.1  | 0.7  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW100974 | 0.178 | 0.5 | 1.88 | 0.01  | 0.81 | 0.05 | 0.02  | 4.8  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW100975 | 0.118 | 2   | 1.66 | 0.011 | 0.58 | 0.05 | 0.02  | 4.7  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW100978 | 0.104 | 2   | 1.75 | 0.011 | 0.54 | 0.05 | 0.005 | 4.8  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW101084 | 0.084 | 5   | 1.36 | 0.037 | 0.1  | 0.1  | 0.02  | 4    | 0.05 | 0.05  | 4  | 0.9  | 1DX15  | WHI10000124 |
| BRW101085 | 0.094 | 2   | 1.45 | 0.034 | 0.09 | 0.2  | 0.03  | 4    | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000124 |
| BRW101086 | 0.067 | 2   | 1.3  | 0.025 | 0.06 | 0.2  | 0.02  | 3.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW101087 | 0.079 | 1   | 1.3  | 0.031 | 0.07 | 0.2  | 0.03  | 3.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW101091 | 0.081 | 1   | 1.48 | 0.024 | 0.06 | 0.2  | 0.04  | 3.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW101095 | 0.087 | 2   | 1.48 | 0.016 | 0.19 | 0.1  | 0.03  | 3.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW101099 | 0.086 | 2   | 1.42 | 0.033 | 0.07 | 0.2  | 0.03  | 3.8  | 0.05 | 0.025 | 4  | 0.8  | 1DX15  | WHI10000124 |
| BRW101100 | 0.088 | 2   | 1.49 | 0.025 | 0.07 | 0.2  | 0.03  | 4    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW101102 | 0.094 | 2   | 1.34 | 0.026 | 0.13 | 0.2  | 0.03  | 3.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW101103 | 0.076 | 0.5 | 1.43 | 0.022 | 0.07 | 0.2  | 0.05  | 3.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW101117 | 0.095 | 3   | 3.03 | 0.043 | 0.13 | 0.05 | 0.03  | 6.7  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW101124 | 0.082 | 0.5 | 2.05 | 0.022 | 0.05 | 0.1  | 0.02  | 5.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW101127 | 0.082 | 0.5 | 1.66 | 0.034 | 0.1  | 0.2  | 0.04  | 4.6  | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000124 |
| BRW101139 | 0.093 | 1   | 3.05 | 0.034 | 0.07 | 0.05 | 0.03  | 10.8 | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW101140 | 0.098 | 2   | 2.89 | 0.04  | 0.22 | 0.05 | 0.03  | 10.1 | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW101142 | 0.075 | 1   | 2.64 | 0.013 | 0.39 | 0.05 | 0.02  | 7.7  | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW101187 | 0.116 | 0.5 | 1.82 | 0.03  | 0.15 | 0.2  | 0.02  | 5.6  | 0.05 | 0.025 | 6  | 0.6  | 1DX15  | WHI10000124 |
| BRW101199 | 0.064 | 0.5 | 2.81 | 0.051 | 0.04 | 0.05 | 0.005 | 12.2 | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|-------|------|
| BRW101202 | Soil | 596518     | 7004348    | 07V      | 0.3 | 63.4  | 3.2  | 167 | 0.05 | 48    | 16.4 |
| BRW101202 | REP  | 596518     | 7004348    | 07V      | 0.4 | 61.4  | 3.3  | 166 | 0.05 | 47.3  | 16.4 |
| BRW101224 | Soil | 596079     | 7005019    | 07V      | 0.3 | 92.9  | 1.6  | 64  | 0.05 | 43.3  | 21.9 |
| BRW101226 | Soil | 595997     | 7004957    | 07V      | 0.8 | 25.2  | 2.2  | 66  | 0.05 | 10.3  | 24.2 |
| BRW101228 | Soil | 595880     | 7004866    | 07V      | 0.7 | 37.3  | 8.4  | 59  | 0.1  | 26.5  | 12.8 |
| BRW101231 | Soil | 595762     | 7004773    | 07V      | 0.5 | 55.1  | 3.6  | 62  | 0.05 | 56.5  | 17.5 |
| BRW101231 | REP  | 595762     | 7004773    | 07V      | 0.5 | 55.8  | 3.7  | 64  | 0.05 | 56.9  | 18.1 |
| BRW101232 | Soil | 595820     | 7004692    | 07V      | 0.2 | 19.5  | 1.6  | 57  | 0.05 | 61    | 19.4 |
| BRW101236 | Soil | 595978     | 7004816    | 07V      | 0.9 | 110.8 | 2.4  | 76  | 0.1  | 19.6  | 26.6 |
| BRW101257 | Soil | 595934     | 7005415    | 07V      | 0.5 | 33.1  | 1.6  | 62  | 0.05 | 6.3   | 19.5 |
| BRW101257 | REP  | 595934     | 7005415    | 07V      | 0.7 | 32.6  | 1.7  | 60  | 0.05 | 6.7   | 20   |
| BRW101261 | Soil | 596100     | 7005547    | 07V      | 1.5 | 42.9  | 8.3  | 86  | 0.05 | 30.1  | 18   |
| BRW101267 | Soil | 596227     | 7005773    | 07V      | 1.4 | 89.6  | 12.5 | 99  | 0.05 | 51.1  | 12.1 |
| BRW101270 | Soil | 596102     | 7005674    | 07V      | 0.4 | 40.3  | 2.7  | 94  | 0.05 | 44.5  | 26.2 |
| BRW101274 | Soil | 595944     | 7005548    | 07V      | 0.6 | 34.6  | 8.3  | 65  | 0.05 | 24.9  | 10.6 |
| BRW101366 | Soil | 597434     | 7006586    |          | 1   | 30.3  | 9.8  | 72  | 0.05 | 38.5  | 9.9  |
| BRW101367 | Soil | 597395     | 7006556    |          | 1   | 46.9  | 13.7 | 128 | 0.05 | 56.7  | 12.4 |
| BRW101368 | Soil | 597354     | 7006523    |          | 3.2 | 69.9  | 40.2 | 54  | 0.1  | 26.4  | 6.9  |
| BRW101369 | Soil | 597314     | 7006494    |          | 4.6 | 71.7  | 16   | 93  | 0.05 | 80.3  | 12.8 |
| BRW101370 | Soil | 597276     | 7006463    |          | 1.6 | 27.4  | 12.5 | 79  | 0.05 | 26.4  | 9.8  |
| BRW101370 | REP  | 597276     | 7006463    |          | 1.6 | 28.2  | 12.5 | 83  | 0.05 | 26.8  | 10.2 |
| BRW101371 | Soil | 597236     | 7006431    |          | 2.1 | 32.9  | 27.8 | 63  | 0.05 | 21.2  | 10.3 |
| BRW101372 | Soil | 597199     | 7006402    |          | 0.8 | 49.1  | 6.6  | 74  | 0.05 | 52.9  | 19.9 |
| BRW101374 | Soil | 597118     | 7006339    |          | 0.9 | 60.4  | 13.9 | 109 | 0.05 | 27.4  | 13.6 |
| BRW101377 | Soil | 597039     | 7006276    |          | 0.9 | 19    | 7.3  | 69  | 0.05 | 61    | 17.3 |
| BRW101380 | Soil | 596921     | 7006184    |          | 3.1 | 75.7  | 10.6 | 166 | 0.05 | 136.2 | 34.3 |
| BRW101381 | Soil | 596881     | 7006154    |          | 1.5 | 49.1  | 10.2 | 123 | 0.05 | 35.8  | 16.9 |
| BRW101382 | Soil | 596841     | 7006124    |          | 1.1 | 53.1  | 5    | 95  | 0.05 | 53    | 25.6 |
| BRW101383 | Soil | 596802     | 7006092    |          | 1.3 | 26.7  | 23.3 | 104 | 0.05 | 31.3  | 13.8 |
| BRW101384 | Soil | 596763     | 7006063    |          | 8.8 | 51.1  | 18.3 | 100 | 0.1  | 76.9  | 19.2 |
| BRW101386 | Soil | 596686     | 7006002    |          | 2   | 51.5  | 11.9 | 135 | 0.05 | 34.7  | 19.3 |
| BRW101423 | Soil | 596648     | 7005971    |          | 3   | 34.9  | 16.1 | 172 | 0.05 | 19.5  | 15.5 |
| BRW101424 | Soil | 596607     | 7005940    |          | 4.2 | 41.1  | 19.5 | 89  | 0.05 | 34.9  | 13   |
| BRW101424 | REP  | 596607     | 7005940    |          | 4.6 | 40.6  | 20   | 86  | 0.05 | 34.3  | 12.8 |
| BRW101425 | Soil | 596568     | 7005908    |          | 1.7 | 56.3  | 44.7 | 142 | 0.1  | 43.6  | 12.7 |
| BRW101493 | Soil | 596945     | 7004936    | 07V      | 0.7 | 83.4  | 3.2  | 104 | 0.05 | 28.9  | 31.5 |
| BRW101496 | Soil | 597063     | 7005029    | 07V      | 0.8 | 37    | 5.9  | 61  | 0.1  | 24.6  | 14   |
| BRW102566 | Soil | 595394     | 7005373    | 07V      | 0.5 | 128.5 | 3.5  | 71  | 0.05 | 39    | 26.7 |
| BRW102613 | Soil | 596736     | 7004391    | 07V      | 0.6 | 88.1  | 7.9  | 67  | 0.05 | 13.5  | 17   |
| BRW102615 | Soil | 596813     | 7004454    | 07V      | 0.2 | 50.9  | 3.5  | 59  | 0.05 | 21.5  | 17.6 |
| BRW102616 | Soil | 596854     | 7004483    | 07V      | 0.3 | 79.4  | 2.7  | 59  | 0.05 | 21.8  | 17.5 |
| BRW102617 | Soil | 596894     | 7004513    | 07V      | 0.9 | 74.2  | 8.2  | 68  | 0.05 | 33.2  | 22   |
| BRW102618 | Soil | 596931     | 7004546    | 07V      | 0.3 | 31.4  | 4.1  | 52  | 0.05 | 62.4  | 14.6 |
| BRW102619 | Soil | 596971     | 7004579    | 07V      | 0.6 | 75.1  | 2.8  | 101 | 0.05 | 53    | 26.4 |
| BRW102620 | Soil | 597011     | 7004607    | 07V      | 8.2 | 78.8  | 15.3 | 255 | 0.2  | 68.6  | 17.6 |
| BRW102621 | Soil | 597052     | 7004637    | 07V      | 7.3 | 149.9 | 12.5 | 181 | 0.05 | 52.1  | 24   |
| BRW102622 | Soil | 596950     | 7004684    | 07V      | 0.9 | 46.8  | 5.7  | 80  | 0.05 | 14.5  | 15.1 |
| BRW102636 | Soil | 595888     | 7005886    | 07V      | 1.6 | 58.9  | 6.7  | 100 | 0.1  | 125.3 | 30.5 |
| BRW102638 | Soil | 595809     | 7005825    | 07V      | 1.6 | 30.3  | 5.4  | 82  | 0.05 | 43.5  | 22.7 |
| BRW102639 | Soil | 595770     | 7005796    | 07V      | 0.9 | 38.4  | 7.1  | 83  | 0.05 | 42.2  | 19   |
| BRW102640 | Soil | 595731     | 7005762    | 07V      | 3.2 | 106   | 2.7  | 190 | 0.05 | 71    | 16.8 |
| BRW102641 | Soil | 595690     | 7005732    | 07V      | 1.9 | 43.9  | 33   | 100 | 0.05 | 43.3  | 15.6 |
| BRW102762 | Soil | 597733     | 7005551    | 07V      | 1.3 | 34.9  | 13.1 | 110 | 0.1  | 31.5  | 11.6 |
| BRW102800 | Soil | 596258     | 7006303    | 07V      | 1.1 | 26.8  | 11.1 | 61  | 0.1  | 24.7  | 11.1 |
| BRW102803 | Soil | 596141     | 7006210    | 07V      | 1.3 | 41.8  | 13.3 | 123 | 0.05 | 34.1  | 15.4 |
| BRW102806 | Soil | 596060     | 7006147    | 07V      | 1.7 | 67.9  | 29.1 | 147 | 0.05 | 80.9  | 22.1 |
| BRW102807 | Soil | 596060     | 7006147    | 07V      | 1.7 | 70.8  | 26.9 | 151 | 0.05 | 78    | 21.7 |
| BRW102808 | Soil | 596022     | 7006115    | 07V      | 2   | 74.3  | 26.5 | 163 | 0.05 | 79.2  | 21.2 |
| BRW102809 | Soil | 596512     | 7005486    | 07V      | 0.9 | 42.5  | 6.6  | 66  | 0.05 | 34.5  | 16.1 |
| BRW102810 | Soil | 596553     | 7005517    | 07V      | 1.6 | 44.7  | 6.2  | 110 | 0.05 | 26.4  | 22.7 |
| BRW102856 | Soil | 596118     | 7004289    | 07V      | 0.6 | 43.4  | 3.9  | 47  | 0.05 | 21.9  | 18   |
| BRW102859 | Soil | 596135     | 7004428    | 07V      | 0.6 | 28.3  | 6.9  | 49  | 0.05 | 23.2  | 12   |
| BRW102862 | Soil | 596254     | 7004521    | 07V      | 0.7 | 36.1  | 8.6  | 67  | 0.1  | 27.8  | 12.2 |

| SampleID  | Mn   | Fe   | As    | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba   |
|-----------|------|------|-------|-----|------|------|----|------|------|------|-----|------|-------|-----|-----|------|------|
| BRW101202 | 497  | 4.88 | 9.6   | 0.9 | 1.9  | 2.7  | 40 | 1    | 0.05 | 0.05 | 148 | 1.15 | 0.154 | 14  | 41  | 1.86 | 999  |
| BRW101202 | 497  | 4.84 | 9.7   | 0.9 | 2    | 2.6  | 39 | 0.9  | 0.05 | 0.05 | 153 | 1.15 | 0.149 | 15  | 41  | 1.88 | 1055 |
| BRW101224 | 467  | 3.26 | 1.7   | 0.5 | 3.9  | 0.6  | 47 | 0.05 | 0.1  | 0.05 | 81  | 0.85 | 0.08  | 3   | 67  | 1.93 | 169  |
| BRW101226 | 872  | 5.42 | 1.3   | 0.9 | 2.6  | 2.4  | 45 | 0.05 | 0.05 | 0.05 | 110 | 2.11 | 0.115 | 11  | 23  | 2.31 | 207  |
| BRW101228 | 484  | 3.21 | 8     | 1.3 | 13.3 | 3.5  | 46 | 0.2  | 0.7  | 0.2  | 72  | 0.87 | 0.063 | 14  | 32  | 0.61 | 342  |
| BRW101231 | 644  | 4.04 | 9.9   | 0.6 | 1.9  | 9.8  | 25 | 0.05 | 0.4  | 0.05 | 103 | 0.64 | 0.079 | 16  | 102 | 1.17 | 334  |
| BRW101231 | 640  | 4.1  | 9.8   | 0.6 | 0.25 | 10   | 26 | 0.05 | 0.4  | 0.05 | 106 | 0.66 | 0.077 | 17  | 104 | 1.2  | 345  |
| BRW101232 | 513  | 4.58 | 2.2   | 0.6 | 0.25 | 13.7 | 15 | 0.05 | 0.3  | 0.05 | 143 | 0.55 | 0.131 | 21  | 96  | 1.45 | 520  |
| BRW101236 | 1143 | 5.22 | 5.1   | 0.3 | 0.25 | 0.8  | 49 | 0.1  | 4.3  | 0.05 | 151 | 3.58 | 0.088 | 5   | 32  | 1.22 | 285  |
| BRW101257 | 535  | 4.77 | 2.1   | 0.5 | 1    | 1.8  | 26 | 0.05 | 0.1  | 0.05 | 141 | 0.67 | 0.059 | 5   | 6   | 0.82 | 170  |
| BRW101257 | 541  | 4.8  | 2.2   | 0.5 | 0.25 | 1.8  | 26 | 0.05 | 0.2  | 0.05 | 145 | 0.66 | 0.059 | 5   | 7   | 0.82 | 167  |
| BRW101261 | 528  | 4.44 | 7.4   | 0.8 | 0.9  | 6    | 34 | 0.1  | 0.3  | 0.05 | 82  | 0.55 | 0.065 | 12  | 50  | 1.11 | 410  |
| BRW101267 | 350  | 4    | 65    | 1.1 | 3.4  | 13.6 | 17 | 0.2  | 0.3  | 0.2  | 80  | 0.25 | 0.029 | 23  | 47  | 0.22 | 143  |
| BRW101270 | 956  | 5.07 | 1.6   | 0.5 | 1.8  | 13.5 | 24 | 0.05 | 0.05 | 0.05 | 101 | 1.37 | 0.124 | 24  | 133 | 2.34 | 540  |
| BRW101274 | 444  | 2.79 | 9.5   | 0.5 | 3.1  | 3.4  | 44 | 0.3  | 0.7  | 0.2  | 60  | 0.83 | 0.077 | 12  | 28  | 0.71 | 284  |
| BRW101366 | 305  | 2.99 | 13.9  | 0.8 | 1.3  | 4.2  | 19 | 0.2  | 0.7  | 0.1  | 59  | 0.21 | 0.038 | 13  | 43  | 0.49 | 234  |
| BRW101367 | 483  | 4.25 | 13.7  | 2.3 | 6.7  | 14.8 | 18 | 0.1  | 1.2  | 0.1  | 52  | 0.24 | 0.027 | 43  | 54  | 0.92 | 375  |
| BRW101368 | 195  | 2.69 | 37.1  | 2.5 | 7.4  | 13.2 | 25 | 0.2  | 6.7  | 0.2  | 49  | 0.15 | 0.045 | 31  | 27  | 0.26 | 293  |
| BRW101369 | 397  | 4.27 | 24.9  | 3.2 | 16.8 | 7.9  | 30 | 0.2  | 5    | 0.3  | 69  | 0.2  | 0.049 | 24  | 36  | 0.37 | 291  |
| BRW101370 | 314  | 3.5  | 19.7  | 0.8 | 0.25 | 6    | 18 | 0.05 | 0.8  | 0.1  | 67  | 0.23 | 0.034 | 18  | 38  | 0.56 | 275  |
| BRW101370 | 328  | 3.73 | 20.2  | 0.9 | 2    | 6.1  | 19 | 0.05 | 0.7  | 0.1  | 70  | 0.24 | 0.033 | 18  | 40  | 0.58 | 278  |
| BRW101371 | 401  | 3.19 | 6.4   | 1.1 | 2    | 18   | 13 | 0.05 | 0.2  | 0.1  | 33  | 0.2  | 0.039 | 34  | 35  | 0.52 | 168  |
| BRW101372 | 414  | 4.25 | 2.8   | 1.1 | 1.7  | 13.7 | 29 | 0.05 | 0.1  | 0.05 | 77  | 0.54 | 0.113 | 47  | 59  | 1.52 | 334  |
| BRW101374 | 568  | 4.49 | 4.3   | 0.7 | 0.25 | 14.6 | 14 | 0.05 | 0.2  | 0.1  | 75  | 0.22 | 0.034 | 15  | 50  | 1.09 | 233  |
| BRW101377 | 290  | 4.24 | 2.2   | 0.6 | 0.9  | 16.2 | 15 | 0.05 | 0.1  | 0.05 | 66  | 0.34 | 0.047 | 43  | 68  | 1.19 | 306  |
| BRW101380 | 809  | 7.77 | 10.5  | 1.5 | 1.8  | 9.4  | 18 | 0.05 | 0.3  | 0.1  | 127 | 0.37 | 0.144 | 26  | 193 | 0.7  | 349  |
| BRW101381 | 473  | 5.28 | 3     | 0.6 | 2.2  | 8    | 13 | 0.05 | 0.1  | 0.05 | 122 | 0.4  | 0.105 | 33  | 59  | 1.37 | 762  |
| BRW101382 | 521  | 5.29 | 4.6   | 0.8 | 1.3  | 14.1 | 31 | 0.05 | 0.1  | 0.05 | 112 | 0.81 | 0.274 | 30  | 154 | 2.15 | 776  |
| BRW101383 | 688  | 4.19 | 18.4  | 1.4 | 2.4  | 91.8 | 37 | 0.2  | 0.8  | 0.05 | 64  | 1.44 | 0.056 | 200 | 31  | 0.6  | 351  |
| BRW101384 | 760  | 4.33 | 283.7 | 1.1 | 29.1 | 10.9 | 37 | 0.1  | 3    | 0.1  | 69  | 1.7  | 0.121 | 35  | 112 | 1.97 | 209  |
| BRW101386 | 802  | 6.21 | 12.5  | 1   | 4.1  | 15.9 | 26 | 0.1  | 0.6  | 0.05 | 100 | 0.51 | 0.091 | 44  | 51  | 1.2  | 631  |
| BRW101423 | 699  | 5.65 | 7.3   | 1.1 | 5.8  | 7.3  | 31 | 0.1  | 0.5  | 0.1  | 89  | 0.43 | 0.063 | 21  | 27  | 0.78 | 648  |
| BRW101424 | 518  | 3.53 | 12.7  | 1   | 7.5  | 9.1  | 29 | 0.1  | 0.6  | 0.2  | 58  | 0.34 | 0.053 | 27  | 35  | 0.37 | 487  |
| BRW101424 | 515  | 3.46 | 13    | 1.1 | 56.3 | 9.3  | 29 | 0.1  | 0.7  | 0.2  | 56  | 0.34 | 0.053 | 27  | 35  | 0.37 | 491  |
| BRW101425 | 1062 | 5.27 | 25.7  | 1.9 | 6.4  | 9.2  | 38 | 0.4  | 0.9  | 0.3  | 70  | 0.73 | 0.098 | 33  | 38  | 0.5  | 497  |
| BRW101493 | 977  | 5.19 | 6.6   | 0.4 | 1.5  | 2.5  | 67 | 0.1  | 0.2  | 0.05 | 115 | 1.34 | 0.233 | 14  | 28  | 1.67 | 389  |
| BRW101496 | 371  | 2.82 | 6.8   | 0.6 | 7.3  | 2.7  | 34 | 0.2  | 0.4  | 0.05 | 66  | 0.86 | 0.077 | 10  | 44  | 0.82 | 214  |
| BRW102566 | 700  | 4.15 | 3.3   | 0.2 | 1.6  | 1.8  | 47 | 0.05 | 0.2  | 0.05 | 113 | 2.1  | 0.092 | 6   | 54  | 1.56 | 288  |
| BRW102613 | 627  | 4.11 | 4.9   | 0.9 | 3.5  | 3.1  | 35 | 0.1  | 0.5  | 0.05 | 82  | 0.46 | 0.058 | 15  | 19  | 1.1  | 295  |
| BRW102615 | 487  | 3.12 | 2.6   | 0.5 | 1.9  | 1.8  | 90 | 0.05 | 0.1  | 0.05 | 82  | 0.95 | 0.059 | 8   | 28  | 1.17 | 193  |
| BRW102616 | 429  | 3.23 | 3.1   | 0.2 | 1.1  | 0.8  | 68 | 0.05 | 0.1  | 0.05 | 94  | 0.98 | 0.087 | 3   | 30  | 1.29 | 186  |
| BRW102617 | 525  | 3.53 | 5.7   | 0.4 | 1.4  | 2.5  | 95 | 0.2  | 0.4  | 0.05 | 93  | 1.09 | 0.068 | 6   | 48  | 1.48 | 225  |
| BRW102618 | 292  | 2.65 | 3.8   | 0.2 | 0.8  | 1.1  | 44 | 0.05 | 0.2  | 0.05 | 67  | 0.81 | 0.049 | 4   | 131 | 1.38 | 158  |
| BRW102619 | 733  | 5.04 | 4.2   | 0.2 | 3.3  | 1.5  | 50 | 0.05 | 0.3  | 0.05 | 140 | 1.46 | 0.133 | 8   | 77  | 2.45 | 150  |
| BRW102620 | 819  | 3.73 | 73.1  | 1.6 | 4.3  | 6.3  | 38 | 1.9  | 2.5  | 0.2  | 158 | 1.88 | 0.206 | 29  | 65  | 0.9  | 306  |
| BRW102621 | 882  | 5.13 | 163.1 | 1.2 | 8    | 5    | 29 | 0.9  | 3.7  | 0.05 | 185 | 0.71 | 0.131 | 19  | 73  | 1.42 | 213  |
| BRW102622 | 510  | 3.93 | 2.9   | 0.4 | 1.3  | 2.3  | 59 | 0.05 | 0.3  | 0.05 | 98  | 0.53 | 0.054 | 6   | 21  | 0.99 | 261  |
| BRW102636 | 784  | 5.45 | 13.1  | 0.9 | 2.4  | 6.9  | 26 | 0.2  | 0.2  | 0.05 | 118 | 0.87 | 0.149 | 26  | 164 | 2.02 | 550  |
| BRW102638 | 725  | 4.8  | 2.7   | 1.3 | 0.9  | 11.8 | 38 | 0.05 | 0.2  | 0.05 | 118 | 0.57 | 0.061 | 18  | 171 | 2.38 | 336  |
| BRW102639 | 728  | 5.14 | 2.8   | 1.3 | 7    | 22.4 | 26 | 0.1  | 0.3  | 0.05 | 74  | 0.41 | 0.072 | 51  | 71  | 1    | 269  |
| BRW102640 | 435  | 4.71 | 9.3   | 1.3 | 1.5  | 5    | 51 | 0.4  | 0.1  | 0.05 | 143 | 1.35 | 0.414 | 19  | 83  | 1.53 | 543  |
| BRW102641 | 654  | 4.49 | 8.6   | 1.7 | 1    | 8.6  | 34 | 0.1  | 0.3  | 0.9  | 127 | 0.56 | 0.096 | 38  | 79  | 1.26 | 495  |
| BRW102762 | 395  | 3.18 | 16.4  | 0.9 | 6.1  | 9.3  | 36 | 0.4  | 1.3  | 0.1  | 49  | 0.6  | 0.08  | 23  | 32  | 0.5  | 262  |
| BRW102800 | 422  | 2.85 | 17.4  | 1.1 | 2.3  | 4.4  | 31 | 0.2  | 0.6  | 0.1  | 53  | 0.52 | 0.055 | 16  | 32  | 0.48 | 447  |
| BRW102803 | 529  | 4.42 | 6.7   | 1.5 | 4    | 9    | 26 | 0.2  | 0.4  | 0.1  | 82  | 0.35 | 0.048 | 27  | 49  | 0.68 | 411  |
| BRW102806 | 986  | 5.47 | 9.1   | 1.3 | 4.3  | 14.9 | 27 | 0.2  | 0.4  | 0.1  | 82  | 0.45 | 0.087 | 38  | 90  | 1.45 | 575  |
| BRW102807 | 992  | 5.4  | 7.9   | 1.3 | 4.7  | 14.5 | 26 | 0.1  | 0.4  | 0.1  | 80  | 0.44 | 0.085 | 35  | 91  | 1.46 | 571  |
| BRW102808 | 680  | 4.67 | 12.2  | 1.3 | 1.7  | 12   | 25 | 0.4  | 0.4  | 0.2  | 53  | 0.24 | 0.046 | 26  | 42  | 0.44 | 397  |
| BRW102809 | 448  | 3.49 | 6.6   | 0.5 | 2.9  | 4.4  | 35 | 0.2  | 0.4  | 0.05 | 76  | 0.75 | 0.058 | 13  | 85  | 1.11 | 322  |
| BRW102810 | 625  | 5.54 | 3.9   | 0.5 | 2.4  | 6.1  | 15 | 0.05 | 0.1  | 0.05 | 134 | 0.74 | 0.14  | 20  | 40  | 1.32 | 490  |
| BRW102856 | 385  | 3.72 | 3.3   | 0.4 | 0.6  | 2    | 20 | 0.1  | 0.1  | 0.05 | 120 | 0.86 | 0.112 | 5   | 33  | 0.91 | 284  |
| BRW102859 | 316  | 2.83 | 5.8   | 1   | 1.4  | 4.3  | 35 | 0.05 | 0.4  | 0.1  | 89  | 0.59 | 0.041 | 15  | 38  | 0.72 | 269  |
| BRW102862 | 360  | 3.05 | 7.7   | 1.1 | 2.2  | 5.1  | 40 | 0.2  | 0.5  | 0.1  | 80  | 0.68 | 0.065 | 16  | 38  | 0.71 | 338  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Tl   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW101202 | 0.116 | 0.5 | 2.12 | 0.048 | 0.16 | 0.05 | 0.005 | 12.4 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW101202 | 0.115 | 0.5 | 2.11 | 0.047 | 0.17 | 0.05 | 0.01  | 12.5 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW101224 | 0.046 | 2   | 2.4  | 0.034 | 0.06 | 0.05 | 0.02  | 7.5  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW101226 | 0.024 | 2   | 3.03 | 0.02  | 0.12 | 0.05 | 0.04  | 10   | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW101228 | 0.089 | 2   | 1.64 | 0.038 | 0.08 | 0.1  | 0.04  | 5.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW101231 | 0.084 | 1   | 2.86 | 0.014 | 0.38 | 0.05 | 0.04  | 7.3  | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW101231 | 0.089 | 0.5 | 2.94 | 0.014 | 0.39 | 0.05 | 0.03  | 7.7  | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW101232 | 0.186 | 1   | 2.2  | 0.016 | 0.7  | 0.05 | 0.01  | 11   | 0.3  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000124 |
| BRW101236 | 0.019 | 3   | 2.3  | 0.014 | 0.15 | 0.05 | 1.5   | 14.4 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW101257 | 0.069 | 0.5 | 1.93 | 0.063 | 0.08 | 0.05 | 0.005 | 9.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW101257 | 0.074 | 0.5 | 1.9  | 0.065 | 0.08 | 0.05 | 0.01  | 9.8  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW101261 | 0.097 | 2   | 2.38 | 0.015 | 0.52 | 0.05 | 0.01  | 7.1  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW101267 | 0.028 | 2   | 1.05 | 0.006 | 0.1  | 0.05 | 0.02  | 4.5  | 0.2  | 0.025 | 4  | 1.2  | 1DX15  | WHI10000124 |
| BRW101270 | 0.18  | 1   | 2.85 | 0.019 | 0.93 | 0.05 | 0.02  | 8    | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW101274 | 0.095 | 2   | 1.51 | 0.043 | 0.07 | 0.2  | 0.02  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW101366 | 0.064 | 1   | 1.32 | 0.013 | 0.11 | 0.1  | 0.02  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW101367 | 0.176 | 0.5 | 2.48 | 0.01  | 0.76 | 0.05 | 0.05  | 6    | 0.6  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000124 |
| BRW101368 | 0.031 | 1   | 1.09 | 0.005 | 0.26 | 0.05 | 0.06  | 6.1  | 0.4  | 0.025 | 3  | 1.1  | 1DX15  | WHI10000124 |
| BRW101369 | 0.036 | 0.5 | 1.43 | 0.011 | 0.13 | 0.1  | 0.1   | 8.8  | 0.05 | 0.025 | 4  | 0.8  | 1DX15  | WHI10000124 |
| BRW101370 | 0.118 | 2   | 1.79 | 0.012 | 0.43 | 0.2  | 0.02  | 7.1  | 0.2  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000124 |
| BRW101370 | 0.122 | 2   | 1.86 | 0.013 | 0.44 | 0.1  | 0.02  | 7.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW101371 | 0.088 | 1   | 1.6  | 0.008 | 0.6  | 0.05 | 0.005 | 4.1  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW101372 | 0.163 | 0.5 | 3.15 | 0.029 | 1.18 | 0.05 | 0.005 | 5.6  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW101374 | 0.178 | 1   | 2.28 | 0.009 | 1.06 | 0.05 | 0.005 | 7.4  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW101377 | 0.095 | 1   | 2.51 | 0.012 | 0.58 | 0.05 | 0.005 | 5.7  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW101380 | 0.053 | 2   | 1.62 | 0.009 | 0.62 | 0.05 | 0.01  | 16.5 | 0.3  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000124 |
| BRW101381 | 0.263 | 0.5 | 2.67 | 0.017 | 1.44 | 0.05 | 0.005 | 9.8  | 0.5  | 0.025 | 11 | 0.8  | 1DX15  | WHI10000124 |
| BRW101382 | 0.238 | 0.5 | 3.54 | 0.037 | 1.81 | 0.05 | 0.005 | 7    | 0.6  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000124 |
| BRW101383 | 0.097 | 2   | 1.33 | 0.016 | 0.47 | 0.05 | 0.1   | 6.6  | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000124 |
| BRW101384 | 0.041 | 3   | 1.92 | 0.014 | 0.27 | 0.05 | 0.07  | 8.9  | 0.3  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000124 |
| BRW101386 | 0.183 | 2   | 2.25 | 0.016 | 0.93 | 0.05 | 0.03  | 15.9 | 0.4  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000124 |
| BRW101423 | 0.189 | 2   | 1.92 | 0.025 | 0.62 | 0.1  | 0.06  | 15.7 | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW101424 | 0.057 | 2   | 1.24 | 0.018 | 0.11 | 0.05 | 0.02  | 6.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW101424 | 0.056 | 1   | 1.25 | 0.019 | 0.11 | 0.05 | 0.02  | 7    | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000124 |
| BRW101425 | 0.089 | 2   | 2.51 | 0.014 | 0.28 | 0.1  | 0.07  | 14.5 | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW101493 | 0.137 | 0.5 | 2.67 | 0.031 | 0.32 | 0.05 | 0.005 | 8.5  | 0.05 | 0.025 | 7  | 0.7  | 1DX15  | WHI10000124 |
| BRW101496 | 0.068 | 1   | 1.74 | 0.029 | 0.1  | 0.1  | 0.02  | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW102566 | 0.111 | 2   | 2.33 | 0.033 | 0.33 | 0.05 | 0.02  | 9.8  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW102613 | 0.158 | 2   | 2.11 | 0.016 | 0.13 | 0.05 | 0.02  | 6.7  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW102615 | 0.151 | 0.5 | 2.41 | 0.035 | 0.07 | 0.05 | 0.005 | 4.8  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW102616 | 0.123 | 0.5 | 2.46 | 0.04  | 0.05 | 0.05 | 0.005 | 4.6  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW102617 | 0.155 | 3   | 2.77 | 0.019 | 0.16 | 0.05 | 0.005 | 5.6  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW102618 | 0.065 | 0.5 | 2.3  | 0.028 | 0.09 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW102619 | 0.089 | 0.5 | 2.98 | 0.04  | 0.12 | 0.05 | 0.005 | 9.8  | 0.05 | 0.025 | 10 | 0.5  | 1DX15  | WHI10000124 |
| BRW102620 | 0.02  | 3   | 2.02 | 0.01  | 0.23 | 0.05 | 0.02  | 7.7  | 0.05 | 0.025 | 8  | 1.5  | 1DX15  | WHI10000124 |
| BRW102621 | 0.03  | 1   | 2.4  | 0.014 | 0.05 | 0.05 | 0.04  | 11.4 | 0.05 | 0.025 | 9  | 1.5  | 1DX15  | WHI10000124 |
| BRW102622 | 0.104 | 1   | 2.29 | 0.019 | 0.16 | 0.05 | 0.01  | 7.2  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW102636 | 0.086 | 2   | 3.28 | 0.015 | 0.59 | 0.05 | 0.01  | 14.4 | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW102638 | 0.17  | 0.5 | 3.05 | 0.015 | 0.72 | 0.05 | 0.005 | 8.1  | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW102639 | 0.042 | 1   | 2.28 | 0.011 | 0.25 | 0.05 | 0.03  | 9.1  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW102640 | 0.088 | 0.5 | 2.11 | 0.021 | 0.21 | 0.05 | 0.005 | 8    | 0.3  | 0.025 | 6  | 1.1  | 1DX15  | WHI10000124 |
| BRW102641 | 0.127 | 0.5 | 2.44 | 0.013 | 0.38 | 0.05 | 0.02  | 8.3  | 0.2  | 0.025 | 10 | 0.7  | 1DX15  | WHI10000124 |
| BRW102762 | 0.05  | 2   | 1.08 | 0.019 | 0.15 | 0.1  | 0.04  | 4.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW102800 | 0.069 | 2   | 1.52 | 0.014 | 0.06 | 0.1  | 0.03  | 3.9  | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000124 |
| BRW102803 | 0.106 | 0.5 | 1.83 | 0.016 | 0.45 | 0.05 | 0.02  | 8.1  | 0.2  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000124 |
| BRW102806 | 0.144 | 1   | 3.22 | 0.011 | 1.09 | 0.05 | 0.03  | 7.9  | 0.5  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000124 |
| BRW102807 | 0.14  | 0.5 | 3.15 | 0.012 | 1.08 | 0.05 | 0.02  | 7.7  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW102808 | 0.036 | 0.5 | 1.55 | 0.005 | 0.28 | 0.05 | 0.03  | 9.1  | 0.3  | 0.025 | 5  | 1.3  | 1DX15  | WHI10000124 |
| BRW102809 | 0.107 | 2   | 2.09 | 0.025 | 0.21 | 0.05 | 0.02  | 6.5  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW102810 | 0.21  | 1   | 2.41 | 0.02  | 1.22 | 0.05 | 0.02  | 9.2  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW102856 | 0.18  | 1   | 2.23 | 0.066 | 0.33 | 0.05 | 0.005 | 6.6  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW102859 | 0.178 | 1   | 2.02 | 0.044 | 0.14 | 0.05 | 0.01  | 5.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW102862 | 0.117 | 1   | 2.01 | 0.039 | 0.08 | 0.1  | 0.03  | 5.3  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|------|------|
| BRW102864 | Soil | 596292     | 7004554    | 07V      | 0.9 | 36.9  | 8.6  | 69  | 0.1  | 29.4 | 12.5 |
| BRW102865 | Soil | 596332     | 7004583    | 07V      | 0.9 | 34.5  | 8.3  | 67  | 0.1  | 30.6 | 13.1 |
| BRW102866 | Soil | 596372     | 7004614    | 07V      | 0.8 | 34.3  | 8.1  | 68  | 0.1  | 27.6 | 13.7 |
| BRW102867 | Soil | 596411     | 7004646    | 07V      | 0.7 | 27.4  | 9.5  | 60  | 0.1  | 19.7 | 10.7 |
| BRW102868 | Soil | 596449     | 7004675    | 07V      | 0.8 | 31.8  | 9.6  | 70  | 0.1  | 26.4 | 12   |
| BRW102901 | Soil | 600318     | 7005411    | 07V      | 1.1 | 21.2  | 13.6 | 67  | 0.05 | 23.1 | 10.6 |
| BRW102919 | Soil | 596977     | 7006355    | 07V      | 1.1 | 21.9  | 23.4 | 90  | 0.05 | 14.3 | 9.6  |
| BRW102928 | Soil | 596624     | 7006081    | 07V      | 2.3 | 94.2  | 9.5  | 118 | 0.05 | 57.8 | 20.2 |
| BRW102939 | Soil | 598374     | 7005544    | 07V      | 0.7 | 37.9  | 5.2  | 91  | 0.05 | 33.9 | 18.1 |
| BRW102947 | Soil | 598687     | 7005789    | 07V      | 1.4 | 33.2  | 10.1 | 50  | 0.05 | 25.2 | 9.6  |
| BRW102947 | REP  | 598687     | 7005789    | 07V      | 1.5 | 32.9  | 10.4 | 51  | 0.05 | 24.7 | 9.4  |
| BRW102964 | Soil | 599356     | 7006313    | 07V      | 2.6 | 44    | 14.9 | 89  | 0.05 | 33.9 | 15.7 |
| BRW102968 | Soil | 599475     | 7006406    | 07V      | 1.4 | 28.9  | 12.3 | 73  | 0.05 | 23.3 | 9    |
| BRW102973 | Soil | 599066     | 7004819    | 07V      | 1.7 | 58    | 15.3 | 103 | 0.05 | 49.5 | 17   |
| BRW102984 | Soil | 599501     | 7005157    | 07V      | 1.7 | 36.9  | 7.6  | 59  | 0.05 | 53.1 | 23.6 |
| BRW102989 | Soil | 599698     | 7005310    | 07V      | 0.9 | 30.7  | 10.4 | 61  | 0.1  | 28.3 | 11.7 |
| BRW102989 | REP  | 599698     | 7005310    | 07V      | 0.9 | 29.4  | 10   | 60  | 0.05 | 28.4 | 11.5 |
| BRW102993 | Soil | 599855     | 7005430    | 07V      | 0.8 | 33    | 8.1  | 59  | 0.1  | 27.7 | 11.7 |
| BRW102994 | Soil | 599896     | 7005462    | 07V      | 0.8 | 29.6  | 9.3  | 62  | 0.05 | 32.5 | 14   |
| BRW103526 | Soil | 597286     | 7006855    | 07V      | 1.4 | 37.4  | 9.6  | 58  | 0.05 | 24.9 | 10.9 |
| BRW103528 | Soil | 597208     | 7006790    | 07V      | 3.7 | 132.3 | 23.2 | 167 | 0.05 | 84   | 22.5 |
| BRW103532 | Soil | 597051     | 7006667    | 07V      | 1.5 | 43    | 16   | 91  | 0.05 | 43   | 9    |
| BRW103533 | Soil | 597008     | 7006636    | 07V      | 3.3 | 78    | 17.5 | 108 | 0.2  | 44.1 | 20.4 |
| BRW103536 | Soil | 596893     | 7006544    | 07V      | 1.4 | 25.8  | 7.7  | 144 | 0.05 | 10.4 | 10.3 |
| BRW103539 | Soil | 596814     | 7006483    | 07V      | 0.8 | 36.6  | 9.5  | 117 | 0.05 | 13.9 | 18.1 |
| BRW103540 | Soil | 596776     | 7006452    | 07V      | 0.6 | 36.5  | 9.2  | 80  | 0.05 | 22.7 | 10.7 |
| BRW103546 | Soil | 596537     | 7006267    | 07V      | 0.8 | 54    | 5.1  | 105 | 0.05 | 88.5 | 22.2 |
| BRW103558 | Soil | 597782     | 7006224    | 07V      | 3   | 46.5  | 10.1 | 80  | 0.2  | 32.3 | 10.5 |
| BRW103560 | Soil | 597703     | 7006163    | 07V      | 0.8 | 36    | 10.2 | 70  | 0.05 | 40.9 | 15.5 |
| BRW103562 | Soil | 597624     | 7006098    | 07V      | 1   | 57.1  | 13   | 182 | 0.1  | 25.6 | 11.6 |
| BRW103582 | Soil | 596993     | 7005608    | 07V      | 3   | 54.1  | 33.1 | 140 | 0.2  | 44.9 | 19.4 |
| BRW103591 | Soil | 596638     | 7005331    | 07V      | 1.3 | 26.2  | 4    | 114 | 0.05 | 19.2 | 19.1 |
| BRW103592 | Soil | 598927     | 7004835    | 07V      | 0.6 | 41.6  | 5.3  | 89  | 0.05 | 21.7 | 18.2 |
| BRW103593 | Soil | 598966     | 7004865    | 07V      | 1.4 | 53.7  | 11.3 | 175 | 0.05 | 65.5 | 20.5 |
| BRW103594 | Soil | 599009     | 7004897    | 07V      | 1.3 | 55.6  | 9.9  | 127 | 0.05 | 54.1 | 16.4 |
| BRW103595 | Soil | 599051     | 7004929    | 07V      | 1   | 27.2  | 11.7 | 71  | 0.05 | 20.1 | 8.9  |
| BRW103596 | Soil | 599087     | 7004961    | 07V      | 3.1 | 78.5  | 14.3 | 132 | 0.05 | 68   | 19.3 |
| BRW103597 | Soil | 599129     | 7004996    | 07V      | 1.4 | 48    | 7.9  | 151 | 0.05 | 47.6 | 17.9 |
| BRW103598 | Soil | 599167     | 7005022    | 07V      | 1.6 | 106.8 | 16.9 | 109 | 0.05 | 52.9 | 20.2 |
| BRW103599 | Soil | 599205     | 7005052    | 07V      | 1.2 | 54.8  | 13.7 | 87  | 0.05 | 35   | 13.8 |
| BRW103600 | Soil | 599246     | 7005082    | 07V      | 0.7 | 32.2  | 6.9  | 66  | 0.05 | 29.3 | 10.7 |
| BRW103601 | Soil | 599287     | 7005113    | 07V      | 0.6 | 26.3  | 7.2  | 62  | 0.1  | 20.8 | 9.7  |
| BRW103617 | Soil | 599908     | 7005604    | 07V      | 0.7 | 34.2  | 7.4  | 58  | 0.1  | 26.2 | 8.9  |
| BRW103618 | Soil | 599949     | 7005634    | 07V      | 0.9 | 59.1  | 14.7 | 165 | 0.05 | 62.5 | 19.3 |
| BRW103619 | Soil | 599949     | 7005634    | 07V      | 0.8 | 57.1  | 13.7 | 160 | 0.05 | 61.2 | 18.8 |
| BRW103624 | Soil | 600601     | 7005127    | 07V      | 4.1 | 26.4  | 14.1 | 79  | 0.05 | 25.1 | 14.6 |
| BRW103628 | Soil | 600447     | 7005006    | 07V      | 1   | 28    | 10.5 | 66  | 0.1  | 24.4 | 9.3  |
| BRW103630 | Soil | 600368     | 7004945    | 07V      | 1   | 22.2  | 11.6 | 65  | 0.05 | 21.9 | 9.4  |
| BRW103631 | Soil | 600328     | 7004916    | 07V      | 1.2 | 24.6  | 9.8  | 61  | 0.2  | 21.4 | 11.3 |
| BRW103632 | Soil | 600287     | 7004884    | 07V      | 1.4 | 35.2  | 13.1 | 92  | 0.2  | 39.4 | 14.4 |
| BRW103633 | Soil | 600248     | 7004853    | 07V      | 1.5 | 33.8  | 13.6 | 106 | 0.05 | 50.2 | 16.8 |
| BRW103634 | Soil | 600248     | 7004853    | 07V      | 1.5 | 34.2  | 12.7 | 104 | 0.1  | 51.1 | 16.5 |
| BRW103648 | Soil | 599696     | 7004422    | 07V      | 1   | 31.8  | 8.5  | 55  | 0.05 | 22.3 | 11.2 |
| BRW103752 | Soil | 596758     | 7005171    | 07V      | 0.4 | 22.9  | 7.6  | 61  | 0.05 | 20.2 | 9.9  |
| BRW103753 | Soil | 596800     | 7005202    | 07V      | 0.6 | 31.1  | 7.6  | 62  | 0.05 | 22.9 | 11.5 |
| BRW103756 | Soil | 596918     | 7005295    | 07V      | 1.1 | 28.7  | 8.9  | 70  | 0.05 | 24.9 | 12.2 |
| BRW103758 | Soil | 596996     | 7005358    | 07V      | 1   | 37.4  | 9.8  | 70  | 0.1  | 29.6 | 13   |
| BRW103759 | Soil | 597037     | 7005387    | 07V      | 1.2 | 26.4  | 10.2 | 72  | 0.1  | 22.9 | 11.5 |
| BRW103762 | Soil | 597156     | 7005479    | 07V      | 1   | 37.7  | 10.1 | 68  | 0.1  | 30.2 | 13.3 |
| BRW103766 | Soil | 597316     | 7005601    | 07V      | 1.1 | 23    | 7.7  | 62  | 0.1  | 20.8 | 10.1 |
| BRW103772 | Soil | 595468     | 7005687    | 07V      | 0.7 | 13    | 7.7  | 37  | 0.05 | 6.6  | 8.9  |
| BRW103780 | Soil | 595745     | 7005900    | 07V      | 0.7 | 40.3  | 7.5  | 98  | 0.05 | 39.8 | 22.4 |
| BRW103823 | Soil | 595822     | 7004947    | 07V      | 1   | 42.3  | 8.1  | 65  | 0.1  | 29   | 13   |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|------|------|----|------|------|------|-----|------|-------|-----|-----|------|------|
| BRW102864 | 450  | 2.92 | 9    | 1.2 | 2.6  | 4.8  | 47 | 0.2  | 0.6  | 0.1  | 78  | 0.81 | 0.079 | 16  | 38  | 0.7  | 340  |
| BRW102865 | 507  | 2.94 | 10.3 | 1.7 | 3.7  | 4.4  | 71 | 0.3  | 0.7  | 0.1  | 71  | 1.44 | 0.092 | 16  | 34  | 0.79 | 308  |
| BRW102866 | 395  | 2.99 | 8    | 1.1 | 2.9  | 4.5  | 40 | 0.2  | 0.5  | 0.1  | 81  | 0.77 | 0.074 | 17  | 39  | 0.74 | 315  |
| BRW102867 | 398  | 2.64 | 6.2  | 1   | 2.5  | 2.7  | 37 | 0.2  | 0.4  | 0.2  | 66  | 0.65 | 0.066 | 13  | 33  | 0.63 | 312  |
| BRW102868 | 419  | 3.05 | 8.2  | 1.1 | 5    | 4.5  | 42 | 0.1  | 0.5  | 0.1  | 83  | 0.71 | 0.066 | 16  | 40  | 0.7  | 333  |
| BRW102901 | 316  | 3.02 | 8.1  | 1.2 | 6.8  | 6.2  | 20 | 0.05 | 0.5  | 0.3  | 48  | 0.34 | 0.031 | 21  | 29  | 0.47 | 236  |
| BRW102919 | 397  | 3.99 | 8    | 1   | 1.3  | 36   | 15 | 0.05 | 0.3  | 0.05 | 59  | 0.25 | 0.043 | 14  | 26  | 0.82 | 232  |
| BRW102928 | 527  | 5.08 | 2.4  | 0.5 | 1.8  | 17.2 | 15 | 0.1  | 0.1  | 0.05 | 134 | 0.52 | 0.082 | 37  | 70  | 1.12 | 514  |
| BRW102939 | 509  | 4.53 | 2.3  | 0.7 | 0.8  | 5.9  | 17 | 0.05 | 0.1  | 0.05 | 119 | 0.37 | 0.069 | 21  | 83  | 1.82 | 511  |
| BRW102947 | 235  | 2.33 | 15.2 | 1.6 | 4.4  | 5.9  | 14 | 0.05 | 1.6  | 0.1  | 42  | 0.12 | 0.028 | 21  | 26  | 0.33 | 307  |
| BRW102947 | 235  | 2.31 | 15.1 | 1.6 | 7    | 5.9  | 14 | 0.05 | 1.6  | 0.1  | 43  | 0.13 | 0.027 | 21  | 27  | 0.33 | 307  |
| BRW102964 | 439  | 3.8  | 18.4 | 1.9 | 2.7  | 6.3  | 14 | 0.1  | 1.6  | 0.7  | 48  | 0.08 | 0.026 | 15  | 25  | 0.21 | 150  |
| BRW102968 | 326  | 2.82 | 6.9  | 2.1 | 5.1  | 10.1 | 18 | 0.1  | 0.7  | 0.2  | 48  | 0.16 | 0.043 | 25  | 27  | 0.38 | 205  |
| BRW102973 | 588  | 5.05 | 10.9 | 1   | 4.6  | 39.5 | 17 | 0.05 | 0.6  | 0.1  | 104 | 0.21 | 0.014 | 127 | 62  | 0.83 | 490  |
| BRW102984 | 580  | 3.63 | 20.8 | 1.1 | 2.1  | 5.2  | 28 | 0.1  | 0.6  | 0.1  | 79  | 0.69 | 0.081 | 20  | 147 | 0.7  | 214  |
| BRW102989 | 363  | 3.08 | 12.3 | 0.7 | 3.8  | 5    | 28 | 0.05 | 1.7  | 0.2  | 58  | 0.53 | 0.03  | 19  | 33  | 0.46 | 312  |
| BRW102989 | 355  | 2.94 | 12.3 | 0.7 | 4.5  | 5.1  | 28 | 0.1  | 1.7  | 0.2  | 56  | 0.52 | 0.029 | 18  | 34  | 0.45 | 305  |
| BRW102993 | 554  | 2.53 | 8.3  | 1.3 | 3.9  | 3    | 52 | 0.3  | 0.9  | 0.2  | 50  | 1.02 | 0.047 | 13  | 29  | 0.48 | 329  |
| BRW102994 | 447  | 2.9  | 7.1  | 0.8 | 3.2  | 6    | 19 | 0.05 | 1.4  | 0.2  | 48  | 0.42 | 0.022 | 17  | 38  | 0.37 | 224  |
| BRW103526 | 612  | 2.66 | 8.6  | 0.8 | 3    | 3.7  | 29 | 0.1  | 1.2  | 0.2  | 58  | 0.32 | 0.055 | 12  | 33  | 0.48 | 1389 |
| BRW103528 | 391  | 4.74 | 58.1 | 3.9 | 9.6  | 9.3  | 25 | 0.4  | 3.6  | 0.2  | 77  | 0.11 | 0.052 | 20  | 30  | 0.21 | 312  |
| BRW103532 | 193  | 3.1  | 23.5 | 1.6 | 11.1 | 10.7 | 21 | 0.1  | 1.5  | 0.2  | 62  | 0.13 | 0.03  | 27  | 45  | 0.49 | 184  |
| BRW103533 | 1028 | 3.38 | 68   | 1.7 | 5.7  | 5.6  | 29 | 0.3  | 3.4  | 0.2  | 59  | 0.24 | 0.089 | 17  | 33  | 0.37 | 590  |
| BRW103536 | 922  | 5.8  | 4.4  | 1.3 | 1.1  | 13   | 12 | 0.05 | 0.3  | 0.05 | 53  | 0.13 | 0.046 | 37  | 15  | 0.99 | 225  |
| BRW103539 | 902  | 6.18 | 3.3  | 1.3 | 1.3  | 9.3  | 17 | 0.05 | 0.2  | 0.05 | 116 | 0.43 | 0.125 | 25  | 24  | 1.57 | 302  |
| BRW103540 | 540  | 3.76 | 7.5  | 0.9 | 4    | 9    | 19 | 0.05 | 0.4  | 0.05 | 60  | 0.34 | 0.081 | 27  | 39  | 0.93 | 299  |
| BRW103546 | 663  | 4.55 | 1.8  | 0.7 | 2.6  | 22.4 | 15 | 0.05 | 0.05 | 0.05 | 67  | 0.41 | 0.1   | 66  | 73  | 1.59 | 421  |
| BRW103558 | 414  | 3.01 | 15.3 | 0.8 | 6.4  | 4.3  | 36 | 0.3  | 0.9  | 0.2  | 58  | 0.64 | 0.064 | 16  | 34  | 0.56 | 455  |
| BRW103560 | 312  | 3.98 | 3.8  | 0.8 | 0.8  | 12.9 | 15 | 0.05 | 0.2  | 0.05 | 61  | 0.19 | 0.016 | 33  | 60  | 1.07 | 230  |
| BRW103562 | 638  | 4.19 | 8.5  | 0.9 | 4.5  | 9    | 57 | 0.1  | 0.5  | 0.1  | 67  | 1.79 | 0.066 | 30  | 44  | 1.15 | 302  |
| BRW103582 | 590  | 4.71 | 21.7 | 1.5 | 1.9  | 18.2 | 18 | 0.2  | 1.2  | 0.1  | 51  | 0.23 | 0.063 | 38  | 39  | 0.35 | 523  |
| BRW103591 | 873  | 5.3  | 3    | 0.6 | 3.2  | 10.9 | 40 | 0.05 | 0.3  | 0.05 | 80  | 0.73 | 0.115 | 22  | 44  | 1.54 | 491  |
| BRW103592 | 579  | 4.66 | 4.8  | 0.6 | 1.6  | 4.6  | 22 | 0.05 | 0.3  | 0.05 | 118 | 0.62 | 0.116 | 17  | 36  | 2    | 428  |
| BRW103593 | 531  | 5.06 | 6.4  | 0.7 | 2.5  | 6.2  | 32 | 0.05 | 0.3  | 0.05 | 92  | 1.63 | 0.258 | 32  | 75  | 1.44 | 665  |
| BRW103594 | 260  | 4.29 | 6.2  | 1.2 | 1.1  | 16.3 | 13 | 0.05 | 0.3  | 0.05 | 95  | 0.25 | 0.065 | 34  | 56  | 0.96 | 417  |
| BRW103595 | 543  | 3.63 | 7.2  | 0.8 | 2.3  | 11.9 | 17 | 0.05 | 0.5  | 0.1  | 36  | 0.28 | 0.031 | 23  | 25  | 0.44 | 324  |
| BRW103596 | 359  | 5.33 | 44.5 | 1.4 | 6.1  | 18.8 | 14 | 0.05 | 1.1  | 0.05 | 73  | 0.19 | 0.016 | 57  | 52  | 0.46 | 447  |
| BRW103597 | 398  | 4.38 | 6.8  | 0.8 | 6.3  | 4.1  | 20 | 0.05 | 0.5  | 0.1  | 115 | 0.5  | 0.102 | 19  | 69  | 1.29 | 455  |
| BRW103598 | 228  | 4.33 | 19.4 | 1.1 | 4.7  | 20   | 15 | 0.05 | 0.3  | 0.1  | 83  | 0.27 | 0.045 | 52  | 52  | 1    | 350  |
| BRW103599 | 532  | 3.83 | 10.1 | 0.6 | 5.4  | 9.6  | 32 | 0.1  | 0.5  | 0.1  | 70  | 0.9  | 0.047 | 26  | 40  | 0.74 | 449  |
| BRW103600 | 453  | 2.55 | 8    | 0.5 | 2.5  | 3.5  | 49 | 0.2  | 0.6  | 0.1  | 62  | 1.49 | 0.083 | 12  | 30  | 0.77 | 239  |
| BRW103601 | 648  | 2.65 | 7.8  | 1.2 | 1.8  | 3.5  | 36 | 0.1  | 0.4  | 0.05 | 54  | 1.16 | 0.08  | 17  | 34  | 0.66 | 292  |
| BRW103617 | 383  | 2.26 | 8.5  | 1.8 | 2.6  | 1.9  | 58 | 0.3  | 0.7  | 0.1  | 44  | 1.33 | 0.061 | 11  | 27  | 0.5  | 282  |
| BRW103618 | 476  | 5.46 | 6.8  | 2.3 | 2.1  | 18.1 | 18 | 0.1  | 0.4  | 0.2  | 100 | 0.43 | 0.121 | 50  | 104 | 1.47 | 378  |
| BRW103619 | 453  | 5.19 | 6.2  | 2.2 | 2.6  | 17   | 17 | 0.1  | 0.4  | 0.2  | 100 | 0.42 | 0.11  | 53  | 101 | 1.43 | 351  |
| BRW103624 | 600  | 3.43 | 9.4  | 1.9 | 4.2  | 7.6  | 15 | 0.1  | 1    | 0.3  | 39  | 0.09 | 0.08  | 21  | 23  | 0.24 | 130  |
| BRW103628 | 339  | 2.82 | 7.2  | 3.1 | 6.8  | 7.3  | 20 | 0.05 | 0.5  | 0.3  | 44  | 0.21 | 0.042 | 22  | 26  | 0.36 | 166  |
| BRW103630 | 398  | 2.78 | 7    | 1.8 | 3    | 5.6  | 20 | 0.05 | 0.4  | 0.3  | 50  | 0.2  | 0.044 | 17  | 29  | 0.42 | 222  |
| BRW103631 | 363  | 2.94 | 7.9  | 1.4 | 1.8  | 5.8  | 22 | 0.05 | 0.5  | 0.2  | 54  | 0.26 | 0.046 | 17  | 28  | 0.39 | 246  |
| BRW103632 | 512  | 3.43 | 4.4  | 2.5 | 5.3  | 9    | 18 | 0.05 | 0.6  | 0.3  | 31  | 0.1  | 0.055 | 26  | 19  | 0.14 | 186  |
| BRW103633 | 512  | 4.17 | 8.3  | 2   | 3.3  | 9.5  | 29 | 0.05 | 0.4  | 0.3  | 89  | 0.65 | 0.135 | 22  | 88  | 1.08 | 512  |
| BRW103634 | 526  | 4.12 | 7.9  | 1.9 | 2.3  | 9.1  | 29 | 0.1  | 0.4  | 0.3  | 87  | 0.64 | 0.141 | 22  | 88  | 1.1  | 531  |
| BRW103648 | 292  | 2.8  | 9.1  | 1.2 | 8.5  | 5.3  | 26 | 0.05 | 0.5  | 0.1  | 57  | 0.39 | 0.05  | 19  | 42  | 0.59 | 237  |
| BRW103752 | 288  | 2.22 | 5.3  | 0.7 | 3    | 2.6  | 48 | 0.2  | 0.5  | 0.1  | 57  | 1.21 | 0.069 | 11  | 33  | 0.62 | 255  |
| BRW103753 | 309  | 2.55 | 8.9  | 0.9 | 2.8  | 3.5  | 43 | 0.2  | 0.6  | 0.1  | 62  | 0.88 | 0.084 | 13  | 32  | 0.63 | 264  |
| BRW103756 | 380  | 2.79 | 7.9  | 0.9 | 1.5  | 4.9  | 39 | 0.2  | 0.6  | 0.1  | 63  | 0.69 | 0.084 | 16  | 36  | 0.68 | 238  |
| BRW103758 | 472  | 2.79 | 10.2 | 0.8 | 3.2  | 3.7  | 53 | 0.3  | 0.8  | 0.2  | 62  | 1.22 | 0.074 | 13  | 32  | 0.73 | 328  |
| BRW103759 | 329  | 2.85 | 9.8  | 0.7 | 3.3  | 4.1  | 36 | 0.1  | 0.7  | 0.2  | 66  | 0.6  | 0.076 | 15  | 34  | 0.63 | 273  |
| BRW103762 | 503  | 2.81 | 9.3  | 0.7 | 3.7  | 4    | 43 | 0.3  | 0.8  | 0.2  | 66  | 0.82 | 0.078 | 15  | 34  | 0.65 | 328  |
| BRW103766 | 449  | 2.6  | 8.7  | 0.8 | 4.7  | 3    | 39 | 0.2  | 0.5  | 0.1  | 54  | 0.65 | 0.07  | 12  | 28  | 0.56 | 276  |
| BRW103772 | 419  | 3.18 | 4.5  | 0.7 | 1.7  | 2.8  | 22 | 0.05 | 0.6  | 0.1  | 38  | 0.27 | 0.034 | 11  | 12  | 0.23 | 302  |
| BRW103780 | 613  | 5.21 | 4.4  | 1.7 | 1.3  | 17.3 | 19 | 0.05 | 0.1  | 0.05 | 84  | 0.59 | 0.077 | 52  | 81  | 1.19 | 367  |
| BRW103823 | 500  | 2.78 | 10.4 | 0.7 | 4.4  | 4.1  | 73 | 0.4  | 0.8  | 0.2  | 70  | 2.07 | 0.097 | 14  | 33  | 0.89 | 276  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Tl   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW102864 | 0.113 | 2   | 1.83 | 0.05  | 0.08 | 0.2  | 0.03  | 5.1  | 0.05 | 0.025 | 6  | 0.6  | 1DX15  | WHI10000124 |
| BRW102865 | 0.108 | 3   | 1.6  | 0.046 | 0.1  | 0.2  | 0.03  | 4.6  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000124 |
| BRW102866 | 0.124 | 2   | 1.89 | 0.044 | 0.08 | 0.2  | 0.02  | 5.5  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW102867 | 0.082 | 2   | 1.69 | 0.023 | 0.05 | 0.1  | 0.03  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW102868 | 0.12  | 1   | 2    | 0.038 | 0.09 | 0.1  | 0.03  | 5.4  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW102901 | 0.06  | 2   | 1.45 | 0.011 | 0.17 | 0.1  | 0.02  | 3.3  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW102919 | 0.116 | 1   | 1.85 | 0.008 | 0.7  | 0.05 | 0.01  | 5.7  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW102928 | 0.14  | 0.5 | 2.34 | 0.01  | 0.58 | 0.05 | 0.005 | 8.3  | 0.2  | 0.025 | 9  | 1.2  | 1DX15  | WHI10000124 |
| BRW102939 | 0.237 | 1   | 2.74 | 0.013 | 1.31 | 0.05 | 0.01  | 7.8  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW102947 | 0.03  | 1   | 1.1  | 0.006 | 0.08 | 0.1  | 0.05  | 3.2  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000124 |
| BRW102947 | 0.03  | 1   | 1.1  | 0.007 | 0.08 | 0.1  | 0.05  | 3.3  | 0.05 | 0.025 | 3  | 0.5  | 1DX15  | WHI10000124 |
| BRW102964 | 0.018 | 1   | 1.19 | 0.004 | 0.19 | 0.05 | 0.07  | 5.8  | 0.2  | 0.025 | 3  | 0.8  | 1DX15  | WHI10000124 |
| BRW102968 | 0.054 | 2   | 1.22 | 0.008 | 0.28 | 0.1  | 0.14  | 3.7  | 0.3  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000124 |
| BRW102973 | 0.154 | 1   | 2.26 | 0.01  | 1    | 0.05 | 0.05  | 9.4  | 0.4  | 0.025 | 8  | 0.9  | 1DX15  | WHI10000124 |
| BRW102984 | 0.063 | 2   | 1.4  | 0.015 | 0.27 | 0.05 | 0.02  | 10.5 | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW102989 | 0.062 | 2   | 1.75 | 0.015 | 0.09 | 0.1  | 0.06  | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW102989 | 0.061 | 1   | 1.69 | 0.015 | 0.09 | 0.2  | 0.05  | 5.4  | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000124 |
| BRW102993 | 0.058 | 3   | 1.48 | 0.023 | 0.08 | 0.2  | 0.03  | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW102994 | 0.049 | 1   | 1.59 | 0.01  | 0.15 | 0.05 | 0.07  | 5.2  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103526 | 0.066 | 1   | 1.56 | 0.016 | 0.12 | 0.2  | 0.06  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103528 | 0.006 | 0.5 | 1.26 | 0.004 | 0.1  | 0.2  | 0.16  | 9.3  | 0.1  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000124 |
| BRW103532 | 0.065 | 2   | 1.73 | 0.008 | 0.22 | 0.05 | 0.07  | 5.9  | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000124 |
| BRW103533 | 0.045 | 2   | 1.15 | 0.013 | 0.2  | 0.1  | 0.09  | 5.8  | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103536 | 0.321 | 0.5 | 2.48 | 0.011 | 1.63 | 0.05 | 0.005 | 14.3 | 0.8  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000124 |
| BRW103539 | 0.217 | 2   | 2.75 | 0.011 | 1.64 | 0.1  | 0.02  | 18.5 | 0.6  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000124 |
| BRW103540 | 0.148 | 1   | 1.8  | 0.019 | 0.61 | 0.1  | 0.03  | 8.7  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW103546 | 0.159 | 0.5 | 2.51 | 0.012 | 0.98 | 0.05 | 0.01  | 5.8  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW103558 | 0.076 | 2   | 1.48 | 0.026 | 0.14 | 0.1  | 0.05  | 4.7  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103560 | 0.199 | 0.5 | 2.45 | 0.01  | 0.88 | 0.05 | 0.005 | 4    | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW103562 | 0.194 | 3   | 1.95 | 0.031 | 0.63 | 0.2  | 0.02  | 7.6  | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW103582 | 0.036 | 3   | 0.83 | 0.006 | 0.31 | 0.05 | 0.09  | 7    | 0.3  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000124 |
| BRW103591 | 0.117 | 0.5 | 2.57 | 0.013 | 0.34 | 0.05 | 0.01  | 6.3  | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW103592 | 0.238 | 0.5 | 2.83 | 0.019 | 1.18 | 0.05 | 0.02  | 8.3  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW103593 | 0.204 | 2   | 2.69 | 0.029 | 0.98 | 0.1  | 0.02  | 5.2  | 0.5  | 0.025 | 9  | 0.9  | 1DX15  | WHI10000124 |
| BRW103594 | 0.167 | 1   | 2.09 | 0.011 | 0.88 | 0.1  | 0.02  | 5.7  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW103595 | 0.099 | 2   | 1.55 | 0.01  | 0.48 | 0.1  | 0.02  | 7.1  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103596 | 0.056 | 2   | 1.47 | 0.007 | 0.37 | 0.05 | 0.03  | 8    | 0.4  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000124 |
| BRW103597 | 0.203 | 1   | 2.57 | 0.017 | 0.88 | 0.1  | 0.04  | 7.6  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW103598 | 0.141 | 0.5 | 2.21 | 0.012 | 0.74 | 0.05 | 0.02  | 5.6  | 0.5  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000124 |
| BRW103599 | 0.124 | 2   | 1.9  | 0.021 | 0.39 | 0.1  | 0.04  | 7.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW103600 | 0.093 | 3   | 1.26 | 0.033 | 0.1  | 0.2  | 0.02  | 3.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103601 | 0.081 | 2   | 1.42 | 0.018 | 0.31 | 0.05 | 0.04  | 5    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103617 | 0.054 | 2   | 1.16 | 0.022 | 0.07 | 0.1  | 0.04  | 3.1  | 0.05 | 0.025 | 3  | 0.7  | 1DX15  | WHI10000124 |
| BRW103618 | 0.198 | 1   | 3.04 | 0.01  | 1.7  | 0.1  | 0.03  | 7.3  | 1    | 0.025 | 10 | 0.6  | 1DX15  | WHI10000124 |
| BRW103619 | 0.221 | 2   | 2.91 | 0.01  | 1.6  | 0.05 | 0.03  | 6.7  | 1    | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW103624 | 0.023 | 1   | 1.07 | 0.006 | 0.13 | 0.1  | 0.02  | 3.2  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000124 |
| BRW103628 | 0.057 | 0.5 | 1.18 | 0.009 | 0.13 | 0.05 | 0.03  | 4    | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103630 | 0.062 | 0.5 | 1.48 | 0.009 | 0.16 | 0.05 | 0.02  | 3.3  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103631 | 0.052 | 2   | 1.4  | 0.012 | 0.11 | 0.1  | 0.03  | 3.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103632 | 0.018 | 2   | 0.68 | 0.004 | 0.18 | 0.05 | 0.09  | 3.8  | 0.2  | 0.025 | 2  | 0.25 | 1DX15  | WHI10000124 |
| BRW103633 | 0.13  | 3   | 2.44 | 0.015 | 0.57 | 0.05 | 0.04  | 6.4  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW103634 | 0.117 | 3   | 2.4  | 0.016 | 0.59 | 0.05 | 0.03  | 6.4  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW103648 | 0.079 | 2   | 1.61 | 0.015 | 0.09 | 0.1  | 0.04  | 5.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103752 | 0.079 | 2   | 1.5  | 0.032 | 0.06 | 0.1  | 0.03  | 4    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103753 | 0.088 | 2   | 1.41 | 0.031 | 0.07 | 0.2  | 0.02  | 4.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103756 | 0.098 | 2   | 1.5  | 0.033 | 0.12 | 0.2  | 0.02  | 4.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103758 | 0.083 | 2   | 1.49 | 0.041 | 0.08 | 0.1  | 0.03  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103759 | 0.095 | 1   | 1.62 | 0.033 | 0.07 | 0.2  | 0.02  | 3.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103762 | 0.093 | 2   | 1.54 | 0.036 | 0.08 | 0.2  | 0.03  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103766 | 0.074 | 2   | 1.42 | 0.025 | 0.06 | 0.1  | 0.03  | 3.4  | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000124 |
| BRW103772 | 0.01  | 2   | 1.05 | 0.015 | 0.1  | 0.1  | 0.005 | 4.7  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000124 |
| BRW103780 | 0.078 | 3   | 2.96 | 0.015 | 0.54 | 0.05 | 0.02  | 12.3 | 0.2  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000124 |
| BRW103823 | 0.11  | 3   | 1.42 | 0.052 | 0.12 | 0.2  | 0.02  | 4.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|------|------|
| BRW103828 | Soil | 598434     | 7005466    | 07V      | 0.9 | 20.1 | 9.7  | 103 | 0.05 | 12.3 | 10.3 |
| BRW103829 | Soil | 598476     | 7005494    | 07V      | 2.1 | 44.8 | 13.9 | 97  | 0.05 | 24.8 | 16.1 |
| BRW103830 | Soil | 598513     | 7005526    | 07V      | 2.5 | 53.1 | 20.3 | 124 | 0.1  | 64.7 | 18.5 |
| BRW103831 | Soil | 598554     | 7005557    | 07V      | 1.3 | 39.2 | 11.9 | 63  | 0.2  | 22.3 | 9.3  |
| BRW103833 | Soil | 598634     | 7005618    | 07V      | 1.4 | 47.5 | 19.2 | 108 | 0.05 | 31.2 | 13.8 |
| BRW103836 | Soil | 598752     | 7005711    | 07V      | 1.9 | 20.7 | 7.7  | 103 | 0.05 | 12.4 | 14.6 |
| BRW103839 | Soil | 598869     | 7005804    | 07V      | 0.7 | 38.1 | 7    | 70  | 0.05 | 13.6 | 13.4 |
| BRW103840 | Soil | 598907     | 7005834    | 07V      | 0.5 | 22.2 | 6.1  | 107 | 0.05 | 13.9 | 10.6 |
| BRW103842 | Soil | 598987     | 7005895    | 07V      | 0.8 | 31.9 | 7.5  | 45  | 0.05 | 22.5 | 9.7  |
| BRW103843 | Soil | 599028     | 7005927    | 07V      | 6   | 17.8 | 10.8 | 59  | 0.05 | 16.1 | 8.2  |
| BRW103844 | Soil | 599066     | 7005957    | 07V      | 1   | 43.5 | 10   | 59  | 0.05 | 36.8 | 12   |
| BRW103845 | Soil | 599100     | 7005983    | 07V      | 1.6 | 14.9 | 9.5  | 37  | 0.05 | 10.4 | 9.9  |
| BRW103846 | Soil | 599145     | 7006019    | 07V      | 1.5 | 40   | 9.1  | 45  | 0.05 | 25.8 | 9.6  |
| BRW103847 | Soil | 599186     | 7006050    | 07V      | 0.7 | 28.7 | 8.2  | 42  | 0.05 | 22.6 | 9    |
| BRW103848 | Soil | 599223     | 7006081    | 07V      | 1.1 | 42.3 | 9.8  | 57  | 0.05 | 54.7 | 13.8 |
| BRW103849 | Soil | 599261     | 7006112    | 07V      | 1.1 | 32.7 | 9.3  | 49  | 0.05 | 29.9 | 12   |
| BRW103854 | Soil | 599458     | 7006266    | 07V      | 1.6 | 27.7 | 12.1 | 72  | 0.05 | 27.2 | 11.3 |
| BRW103872 | Soil | 599339     | 7005285    | 07V      | 1.1 | 39.8 | 9.6  | 73  | 0.05 | 33.7 | 11.7 |
| BRW103892 | Soil | 600501     | 7005176    | 07V      | 1.9 | 23.9 | 13   | 64  | 0.05 | 24   | 9.7  |
| BRW103893 | Soil | 600460     | 7005144    | 07V      | 1.6 | 18.6 | 10.4 | 60  | 0.05 | 20.3 | 7.9  |
| BRW103894 | Soil | 600421     | 7005114    | 07V      | 1.1 | 20.7 | 10.5 | 69  | 0.1  | 23.2 | 10.1 |
| BRW103894 | REP  | 600421     | 7005114    | 07V      | 1   | 20.6 | 10.3 | 68  | 0.1  | 21.7 | 10   |
| BRW103895 | Soil | 600382     | 7005084    | 07V      | 1.2 | 22.5 | 13.4 | 66  | 0.1  | 22.5 | 9.1  |
| BRW103897 | Soil | 600303     | 7005021    | 07V      | 1.2 | 25.1 | 9.7  | 64  | 0.1  | 23.9 | 10.1 |
| BRW103899 | Soil | 600223     | 7004962    | 07V      | 1.1 | 27.6 | 8.4  | 58  | 0.05 | 24.3 | 10.1 |
| BRW103900 | Soil | 600183     | 7004931    | 07V      | 1.4 | 26.2 | 10.6 | 74  | 0.3  | 24.4 | 10   |
| BRW103905 | Soil | 596669     | 7006503    | 07V      | 0.8 | 35.2 | 9.1  | 64  | 0.05 | 28.4 | 10.8 |
| BRW103906 | Soil | 596630     | 7006474    | 07V      | 0.8 | 51.9 | 7.9  | 78  | 0.1  | 41.1 | 16.7 |
| BRW103910 | Soil | 596470     | 7006350    | 07V      | 0.8 | 21.6 | 11.6 | 66  | 0.1  | 23.5 | 11.5 |
| BRW103935 | Soil | 598535     | 7005417    | 07V      | 0.7 | 20.7 | 14   | 102 | 0.05 | 19.1 | 8.1  |
| BRW103937 | Soil | 598614     | 7005478    | 07V      | 1.2 | 18.5 | 12.3 | 64  | 0.1  | 20.8 | 10.2 |
| BRW103939 | Soil | 598694     | 7005539    | 07V      | 3   | 34.3 | 18.8 | 120 | 0.2  | 42.6 | 13.1 |
| BRW103939 | REP  | 598694     | 7005539    | 07V      | 2.8 | 34.1 | 18.5 | 119 | 0.2  | 43.3 | 13   |
| BRW103940 | Soil | 598732     | 7005572    | 07V      | 0.8 | 16.7 | 12.9 | 120 | 0.05 | 22.8 | 11.6 |
| BRW103941 | Soil | 598772     | 7005604    | 07V      | 0.6 | 13.4 | 5.4  | 68  | 0.05 | 8.8  | 23.5 |
| BRW103942 | Soil | 598812     | 7005633    | 07V      | 0.3 | 16.8 | 9.6  | 67  | 0.05 | 10.8 | 10.7 |
| BRW103946 | Soil | 598890     | 7005694    | 07V      | 3.7 | 61.7 | 18.4 | 151 | 0.1  | 39.5 | 9.1  |
| BRW103947 | Soil | 598926     | 7005730    | 07V      | 0.9 | 40   | 15.2 | 95  | 0.2  | 28   | 10.4 |
| BRW103962 | Soil | 599560     | 7006219    | 07V      | 1.1 | 27.4 | 10.9 | 74  | 0.05 | 26.6 | 10.6 |
| BRW103964 | Soil | 599642     | 7006279    | 07V      | 1.4 | 27   | 15.3 | 83  | 0.3  | 37.7 | 13.8 |
| BRW103965 | Soil | 599681     | 7006309    | 07V      | 2.2 | 16.4 | 10.8 | 59  | 0.2  | 21.2 | 11.2 |
| BRW103967 | Soil | 596156     | 7006350    | 07V      | 1.1 | 44.4 | 8.5  | 88  | 0.05 | 40   | 15.9 |
| BRW104037 | Soil | 597163     | 7006117    | 07V      | 1.2 | 24.2 | 8    | 63  | 0.05 | 29.1 | 13.4 |
| BRW104051 | Soil | 596650     | 7005719    | 07V      | 0.7 | 34.7 | 8.1  | 59  | 0.05 | 27.8 | 9.5  |
| BRW104053 | Soil | 596572     | 7005660    | 07V      | 0.9 | 39.1 | 13.4 | 76  | 0.05 | 35.5 | 14   |
| BRW104054 | Soil | 596531     | 7005628    | 07V      | 1.4 | 31.5 | 8.5  | 76  | 0.05 | 31.9 | 11.5 |
| BRW104055 | Soil | 596493     | 7005597    | 07V      | 8.8 | 113  | 27.4 | 331 | 0.05 | 81.1 | 21   |
| BRW104056 | Soil | 596452     | 7005566    | 07V      | 2.1 | 59.5 | 10.5 | 132 | 0.05 | 68.8 | 19.5 |
| BRW104057 | Soil | 596415     | 7005536    | 07V      | 2.5 | 83.9 | 9.2  | 172 | 0.05 | 93.1 | 27.4 |
| BRW104058 | Soil | 598805     | 7004993    | 07V      | 0.7 | 19.8 | 7.2  | 65  | 0.05 | 22   | 14.1 |
| BRW104059 | Soil | 598846     | 7005025    | 07V      | 1.2 | 39.2 | 9.3  | 75  | 0.05 | 36.9 | 13.6 |
| BRW104062 | Soil | 598888     | 7005056    | 07V      | 2.1 | 46.7 | 17.8 | 124 | 0.05 | 61.8 | 18.9 |
| BRW104063 | Soil | 598927     | 7005088    | 07V      | 2.6 | 40.6 | 16.2 | 146 | 0.05 | 53   | 20.7 |
| BRW104063 | REP  | 598927     | 7005088    | 07V      | 2.7 | 40.2 | 16   | 157 | 0.05 | 52.8 | 20.3 |
| BRW104067 | Soil | 599083     | 7005208    | 07V      | 2.8 | 53   | 17.4 | 150 | 0.05 | 40.7 | 15.2 |
| BRW104071 | Soil | 599202     | 7005301    | 07V      | 0.7 | 24.3 | 6.8  | 51  | 0.05 | 18.7 | 15.3 |
| BRW104085 | Soil | 599786     | 7005767    | 07V      | 0.8 | 39.1 | 11.7 | 67  | 0.05 | 26.9 | 9.8  |
| BRW104086 | Soil | 599826     | 7005799    | 07V      | 2   | 56.7 | 16.6 | 98  | 0.05 | 46   | 14.5 |
| BRW104087 | Soil | 599868     | 7005827    | 07V      | 2.9 | 62.4 | 16.3 | 129 | 0.2  | 47.1 | 16.8 |
| BRW104088 | Soil | 599907     | 7005858    | 07V      | 1   | 33.6 | 10   | 55  | 0.1  | 29.4 | 11.7 |
| BRW104089 | Soil | 599947     | 7005888    | 07V      | 1.6 | 42.7 | 18.7 | 95  | 0.3  | 35   | 12.8 |
| BRW104090 | Soil | 599947     | 7005888    | 07V      | 1.6 | 50.1 | 17.5 | 96  | 0.3  | 41.6 | 14.7 |
| BRW104091 | Soil | 599985     | 7005916    | 07V      | 1.9 | 49.8 | 11.8 | 120 | 0.05 | 45.2 | 17.2 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr | Cd   | Sb  | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|------|------|----|------|-----|------|-----|------|-------|----|-----|------|-----|
| BRW103828 | 768  | 4.52 | 4.5   | 0.8 | 0.8  | 7.5  | 17 | 0.1  | 0.3 | 0.1  | 58  | 0.23 | 0.076 | 33 | 26  | 0.84 | 304 |
| BRW103829 | 742  | 4.28 | 8.6   | 0.8 | 1.2  | 16.2 | 25 | 0.05 | 0.3 | 0.05 | 52  | 0.16 | 0.056 | 38 | 23  | 0.25 | 322 |
| BRW103830 | 846  | 5.14 | 218.8 | 1.2 | 2.5  | 9.2  | 16 | 0.2  | 2.7 | 0.2  | 64  | 0.13 | 0.037 | 22 | 38  | 0.24 | 172 |
| BRW103831 | 283  | 2.99 | 47.5  | 0.9 | 4.4  | 4.6  | 15 | 0.05 | 0.9 | 0.1  | 59  | 0.16 | 0.021 | 15 | 35  | 0.38 | 263 |
| BRW103833 | 521  | 4.24 | 27.5  | 0.8 | 2    | 5.6  | 12 | 0.1  | 0.3 | 0.05 | 79  | 0.26 | 0.056 | 33 | 36  | 0.4  | 239 |
| BRW103836 | 517  | 5    | 2.8   | 0.7 | 0.7  | 9.2  | 12 | 0.05 | 0.4 | 0.05 | 73  | 0.27 | 0.093 | 23 | 25  | 0.86 | 207 |
| BRW103839 | 548  | 4.36 | 33.9  | 1   | 1.8  | 8.3  | 15 | 0.05 | 0.2 | 0.3  | 68  | 0.38 | 0.037 | 25 | 32  | 1.65 | 401 |
| BRW103840 | 588  | 5.8  | 5.9   | 0.5 | 0.25 | 9.5  | 15 | 0.05 | 0.3 | 0.1  | 72  | 0.16 | 0.026 | 17 | 26  | 1.65 | 269 |
| BRW103842 | 363  | 2.35 | 17.1  | 1   | 3.6  | 4.3  | 21 | 0.05 | 3.6 | 0.1  | 48  | 0.26 | 0.018 | 14 | 29  | 0.33 | 255 |
| BRW103843 | 117  | 3.33 | 14.5  | 1.2 | 0.6  | 6.8  | 4  | 0.05 | 5.3 | 0.2  | 90  | 0.04 | 0.024 | 8  | 31  | 0.1  | 46  |
| BRW103844 | 212  | 3.19 | 14.6  | 0.8 | 2.5  | 5.7  | 15 | 0.05 | 0.8 | 0.2  | 80  | 0.14 | 0.016 | 17 | 49  | 0.54 | 240 |
| BRW103845 | 356  | 2.62 | 22.6  | 0.9 | 0.8  | 2    | 6  | 0.05 | 2.7 | 0.1  | 37  | 0.05 | 0.037 | 6  | 18  | 0.12 | 76  |
| BRW103846 | 238  | 2.76 | 11.3  | 0.8 | 3.7  | 4.4  | 19 | 0.05 | 1.2 | 0.2  | 60  | 0.22 | 0.015 | 15 | 36  | 0.42 | 262 |
| BRW103847 | 208  | 2.48 | 9.5   | 0.8 | 2    | 4.1  | 21 | 0.05 | 0.6 | 0.1  | 57  | 0.25 | 0.023 | 16 | 34  | 0.5  | 295 |
| BRW103848 | 370  | 3.12 | 12.2  | 0.6 | 4.2  | 4.2  | 29 | 0.05 | 0.8 | 0.2  | 68  | 0.4  | 0.024 | 15 | 78  | 0.71 | 339 |
| BRW103849 | 349  | 2.85 | 11.5  | 1.1 | 4.9  | 4.5  | 23 | 0.05 | 0.8 | 0.2  | 61  | 0.31 | 0.013 | 16 | 39  | 0.44 | 296 |
| BRW103854 | 223  | 3.21 | 8.2   | 0.9 | 2.4  | 7.4  | 16 | 0.1  | 0.7 | 0.2  | 64  | 0.12 | 0.04  | 18 | 37  | 0.45 | 223 |
| BRW103872 | 410  | 2.89 | 12    | 0.6 | 3.9  | 5.2  | 25 | 0.05 | 0.8 | 0.2  | 60  | 0.38 | 0.028 | 20 | 39  | 0.66 | 283 |
| BRW103892 | 262  | 3.03 | 8.5   | 2.1 | 5.9  | 5.8  | 20 | 0.05 | 0.6 | 0.6  | 60  | 0.21 | 0.031 | 15 | 35  | 0.45 | 219 |
| BRW103893 | 233  | 2.58 | 6.1   | 1.7 | 4.7  | 5.5  | 18 | 0.05 | 0.5 | 0.3  | 53  | 0.19 | 0.036 | 14 | 27  | 0.4  | 180 |
| BRW103894 | 354  | 3.02 | 6.2   | 1.5 | 3.5  | 6.6  | 19 | 0.05 | 0.5 | 0.3  | 54  | 0.25 | 0.045 | 17 | 29  | 0.46 | 186 |
| BRW103894 | 344  | 2.91 | 5.9   | 1.5 | 2.9  | 6.7  | 19 | 0.05 | 0.5 | 0.3  | 54  | 0.24 | 0.043 | 17 | 30  | 0.45 | 190 |
| BRW103895 | 304  | 2.9  | 7.3   | 1.5 | 4.1  | 5.4  | 17 | 0.1  | 0.7 | 0.4  | 41  | 0.19 | 0.048 | 18 | 22  | 0.27 | 178 |
| BRW103897 | 316  | 2.95 | 8.7   | 1.7 | 5.1  | 6.8  | 21 | 0.1  | 0.6 | 0.2  | 50  | 0.18 | 0.041 | 19 | 26  | 0.33 | 177 |
| BRW103899 | 301  | 2.77 | 7.1   | 1.9 | 5.6  | 5.6  | 22 | 0.05 | 0.6 | 0.2  | 52  | 0.22 | 0.03  | 18 | 33  | 0.4  | 252 |
| BRW103900 | 352  | 3.11 | 7.1   | 1.2 | 4    | 6.2  | 20 | 0.1  | 0.5 | 0.2  | 60  | 0.33 | 0.053 | 22 | 36  | 0.54 | 328 |
| BRW103905 | 394  | 3.41 | 10.7  | 0.6 | 3.1  | 7.4  | 23 | 0.05 | 0.6 | 0.2  | 68  | 0.41 | 0.027 | 25 | 38  | 0.77 | 207 |
| BRW103906 | 458  | 4.21 | 8.9   | 0.7 | 4.5  | 16.4 | 37 | 0.05 | 0.4 | 0.1  | 83  | 1.61 | 0.095 | 74 | 46  | 1.34 | 632 |
| BRW103910 | 373  | 3.29 | 32.6  | 0.5 | 2    | 11.1 | 21 | 0.1  | 1   | 0.1  | 59  | 0.3  | 0.034 | 22 | 37  | 0.62 | 339 |
| BRW103935 | 424  | 4.36 | 5.8   | 0.7 | 2.2  | 17.9 | 12 | 0.05 | 0.2 | 0.05 | 42  | 0.12 | 0.02  | 25 | 24  | 0.99 | 302 |
| BRW103937 | 360  | 3.1  | 19    | 0.4 | 1.5  | 3.3  | 13 | 0.05 | 0.5 | 0.2  | 63  | 0.15 | 0.035 | 8  | 31  | 0.34 | 212 |
| BRW103939 | 425  | 4.18 | 50.8  | 1.1 | 1.3  | 8.8  | 9  | 0.2  | 0.5 | 0.2  | 57  | 0.13 | 0.048 | 13 | 31  | 0.25 | 164 |
| BRW103939 | 424  | 4.17 | 49.9  | 1.1 | 3.9  | 8.8  | 10 | 0.2  | 0.6 | 0.2  | 55  | 0.12 | 0.045 | 13 | 31  | 0.24 | 170 |
| BRW103940 | 477  | 3.4  | 7.7   | 0.4 | 0.25 | 4    | 22 | 0.2  | 0.3 | 0.1  | 53  | 0.36 | 0.081 | 11 | 46  | 0.75 | 408 |
| BRW103941 | 554  | 4.43 | 6.3   | 0.4 | 1.7  | 2.6  | 22 | 0.05 | 0.2 | 0.05 | 103 | 0.85 | 0.129 | 20 | 38  | 1.77 | 146 |
| BRW103942 | 439  | 3.99 | 3.7   | 1   | 1.3  | 12.3 | 14 | 0.05 | 0.1 | 0.05 | 56  | 0.47 | 0.119 | 67 | 21  | 0.87 | 198 |
| BRW103946 | 1404 | 4.9  | 17.5  | 2.4 | 26.7 | 11.2 | 30 | 0.2  | 3.6 | 0.4  | 52  | 0.23 | 0.052 | 33 | 24  | 0.18 | 301 |
| BRW103947 | 512  | 3.4  | 9.7   | 0.9 | 2    | 10.6 | 18 | 0.05 | 0.6 | 0.2  | 53  | 0.28 | 0.058 | 25 | 44  | 0.82 | 243 |
| BRW103962 | 356  | 3    | 8     | 1.2 | 2.5  | 8.2  | 21 | 0.05 | 0.6 | 0.2  | 57  | 0.27 | 0.044 | 19 | 33  | 0.49 | 222 |
| BRW103964 | 393  | 3.64 | 12.3  | 1.1 | 1.9  | 6.7  | 21 | 0.1  | 0.8 | 0.2  | 72  | 0.33 | 0.055 | 13 | 58  | 0.74 | 324 |
| BRW103965 | 495  | 2.73 | 7     | 0.6 | 1.8  | 3.8  | 24 | 0.1  | 0.7 | 0.2  | 60  | 0.27 | 0.038 | 11 | 32  | 0.46 | 356 |
| BRW103967 | 562  | 4.03 | 13.6  | 1.4 | 1.7  | 17.9 | 23 | 0.2  | 0.6 | 0.05 | 50  | 0.52 | 0.06  | 50 | 44  | 0.98 | 328 |
| BRW104037 | 270  | 3.4  | 7     | 0.5 | 1.3  | 8.6  | 20 | 0.05 | 0.4 | 0.1  | 75  | 0.33 | 0.017 | 15 | 48  | 0.81 | 361 |
| BRW104051 | 335  | 2.93 | 9.4   | 0.8 | 4.2  | 5.2  | 33 | 0.1  | 0.5 | 0.1  | 59  | 0.54 | 0.053 | 18 | 33  | 0.54 | 315 |
| BRW104053 | 466  | 3.51 | 7.1   | 0.8 | 2.1  | 11.2 | 28 | 0.2  | 0.4 | 0.1  | 59  | 0.71 | 0.061 | 31 | 39  | 0.58 | 241 |
| BRW104054 | 403  | 3.15 | 11.4  | 0.8 | 4.1  | 19.7 | 26 | 0.1  | 0.4 | 0.05 | 56  | 0.83 | 0.059 | 74 | 33  | 0.51 | 202 |
| BRW104055 | 407  | 4.03 | 12.4  | 1.6 | 1.4  | 7.3  | 25 | 0.8  | 0.4 | 0.1  | 106 | 0.56 | 0.095 | 21 | 100 | 1.05 | 679 |
| BRW104056 | 235  | 4.92 | 7.1   | 0.9 | 3.6  | 18.4 | 17 | 0.05 | 0.4 | 0.05 | 151 | 0.34 | 0.051 | 32 | 99  | 1.23 | 465 |
| BRW104057 | 360  | 6.35 | 2     | 1.5 | 3.7  | 33.3 | 12 | 0.05 | 0.1 | 0.05 | 187 | 0.45 | 0.141 | 37 | 107 | 1.51 | 641 |
| BRW104058 | 422  | 3.59 | 6     | 0.5 | 0.8  | 4.1  | 22 | 0.05 | 0.4 | 0.1  | 75  | 0.34 | 0.039 | 12 | 38  | 0.83 | 379 |
| BRW104059 | 349  | 3.78 | 12.5  | 0.6 | 2    | 11   | 22 | 0.05 | 0.5 | 0.1  | 89  | 0.4  | 0.036 | 26 | 53  | 0.72 | 269 |
| BRW104062 | 745  | 5.47 | 13.6  | 0.9 | 2.7  | 26.8 | 18 | 0.05 | 0.4 | 0.1  | 115 | 0.3  | 0.024 | 47 | 69  | 0.8  | 436 |
| BRW104063 | 365  | 5.74 | 18.6  | 1   | 0.25 | 9.2  | 16 | 0.1  | 0.8 | 0.05 | 115 | 0.22 | 0.031 | 14 | 90  | 1.1  | 514 |
| BRW104063 | 372  | 5.84 | 19.1  | 1   | 0.25 | 9.6  | 15 | 0.05 | 0.9 | 0.05 | 116 | 0.21 | 0.03  | 14 | 92  | 1.1  | 531 |
| BRW104067 | 370  | 4.91 | 11.5  | 0.8 | 1.4  | 13.1 | 12 | 0.05 | 0.2 | 0.05 | 89  | 0.22 | 0.036 | 15 | 52  | 0.89 | 371 |
| BRW104071 | 346  | 3.04 | 7.9   | 0.7 | 1.7  | 3.8  | 18 | 0.05 | 0.4 | 0.1  | 90  | 0.4  | 0.07  | 11 | 29  | 0.86 | 236 |
| BRW104085 | 358  | 3.09 | 9.9   | 1.3 | 3.3  | 4.2  | 39 | 0.05 | 0.7 | 0.2  | 60  | 0.77 | 0.056 | 17 | 35  | 0.64 | 303 |
| BRW104086 | 382  | 3.97 | 11.9  | 2   | 11.9 | 12.3 | 24 | 0.1  | 0.7 | 0.2  | 73  | 0.37 | 0.051 | 32 | 44  | 0.54 | 298 |
| BRW104087 | 650  | 4.69 | 30.6  | 2.3 | 6.1  | 13   | 24 | 0.05 | 1.3 | 0.2  | 73  | 0.33 | 0.053 | 26 | 39  | 0.43 | 410 |
| BRW104088 | 466  | 2.95 | 11.6  | 1.1 | 5.3  | 5.9  | 25 | 0.05 | 0.8 | 0.2  | 62  | 0.4  | 0.036 | 21 | 37  | 0.51 | 344 |
| BRW104089 | 838  | 3.37 | 9.8   | 3   | 4.4  | 7.8  | 46 | 0.5  | 0.8 | 0.2  | 53  | 1.34 | 0.102 | 29 | 33  | 0.49 | 526 |
| BRW104090 | 881  | 3.39 | 10.3  | 2.9 | 3.6  | 8.4  | 46 | 0.5  | 0.7 | 0.2  | 56  | 1.43 | 0.104 | 29 | 34  | 0.52 | 581 |
| BRW104091 | 403  | 4.99 | 9.2   | 1.9 | 1.2  | 13   | 19 | 0.05 | 0.6 | 0.3  | 51  | 0.23 | 0.034 | 24 | 34  | 0.27 | 243 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW103828 | 0.187 | 0.5 | 2.26 | 0.011 | 1.02 | 0.05 | 0.01  | 9.5  | 0.3  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000124 |
| BRW103829 | 0.029 | 1   | 1.04 | 0.007 | 0.31 | 0.05 | 0.01  | 8.6  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103830 | 0.025 | 1   | 1.13 | 0.007 | 0.1  | 0.05 | 0.05  | 7.2  | 0.6  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103831 | 0.056 | 2   | 1.47 | 0.01  | 0.07 | 0.05 | 0.04  | 4.1  | 0.2  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000124 |
| BRW103833 | 0.067 | 2   | 1.1  | 0.006 | 0.32 | 0.05 | 0.02  | 11.6 | 0.4  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000124 |
| BRW103836 | 0.204 | 1   | 2.28 | 0.009 | 1.24 | 0.05 | 0.02  | 8.2  | 0.8  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000124 |
| BRW103839 | 0.161 | 2   | 2.75 | 0.011 | 0.73 | 0.05 | 0.02  | 11.3 | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW103840 | 0.358 | 1   | 3.23 | 0.009 | 1.57 | 0.1  | 0.005 | 8.2  | 0.6  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000124 |
| BRW103842 | 0.048 | 2   | 1.14 | 0.015 | 0.06 | 0.2  | 0.09  | 4.8  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103843 | 0.019 | 0.5 | 0.97 | 0.002 | 0.02 | 0.2  | 0.05  | 4.6  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW103844 | 0.089 | 2   | 2.34 | 0.01  | 0.07 | 0.1  | 0.03  | 5.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW103845 | 0.018 | 0.5 | 0.63 | 0.002 | 0.07 | 0.1  | 0.02  | 2.2  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000124 |
| BRW103846 | 0.063 | 1   | 1.62 | 0.014 | 0.05 | 0.1  | 0.07  | 5.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103847 | 0.065 | 1   | 1.69 | 0.02  | 0.04 | 0.1  | 0.03  | 3.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103848 | 0.087 | 0.5 | 1.83 | 0.024 | 0.06 | 0.1  | 0.08  | 5.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103849 | 0.064 | 0.5 | 1.69 | 0.023 | 0.04 | 0.1  | 0.05  | 6.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103854 | 0.045 | 1   | 1.88 | 0.008 | 0.22 | 0.1  | 0.04  | 3.2  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW103872 | 0.094 | 2   | 1.58 | 0.021 | 0.07 | 0.1  | 0.06  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103892 | 0.075 | 1   | 1.79 | 0.009 | 0.11 | 0.1  | 0.02  | 3.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103893 | 0.082 | 0.5 | 1.49 | 0.009 | 0.13 | 0.1  | 0.02  | 2.6  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103894 | 0.081 | 0.5 | 1.56 | 0.01  | 0.2  | 0.1  | 0.02  | 3.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103894 | 0.078 | 0.5 | 1.51 | 0.012 | 0.2  | 0.1  | 0.01  | 3.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103895 | 0.036 | 2   | 1.02 | 0.008 | 0.1  | 0.1  | 0.02  | 2.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103897 | 0.059 | 2   | 1.35 | 0.009 | 0.13 | 0.1  | 0.01  | 3.6  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103899 | 0.062 | 1   | 1.29 | 0.009 | 0.09 | 0.1  | 0.05  | 5.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103900 | 0.083 | 2   | 1.6  | 0.013 | 0.26 | 0.1  | 0.03  | 4    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103905 | 0.136 | 2   | 1.82 | 0.021 | 0.38 | 0.1  | 0.04  | 7.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW103906 | 0.134 | 2   | 2.35 | 0.019 | 0.67 | 0.1  | 0.04  | 7.6  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW103910 | 0.092 | 2   | 1.72 | 0.016 | 0.38 | 0.1  | 0.03  | 6.9  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103935 | 0.23  | 0.5 | 2.64 | 0.009 | 1.25 | 0.05 | 0.005 | 4.6  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW103937 | 0.04  | 0.5 | 1.59 | 0.008 | 0.09 | 0.1  | 0.02  | 3.7  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103939 | 0.025 | 0.5 | 1.25 | 0.004 | 0.11 | 0.05 | 0.02  | 4.8  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW103939 | 0.024 | 1   | 1.23 | 0.004 | 0.11 | 0.05 | 0.02  | 4.6  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000124 |
| BRW103940 | 0.138 | 2   | 2.13 | 0.016 | 0.44 | 0.1  | 0.01  | 3.6  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW103941 | 0.201 | 0.5 | 2.54 | 0.013 | 0.9  | 0.05 | 0.01  | 15.4 | 0.7  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW103942 | 0.172 | 1   | 2.17 | 0.01  | 1.01 | 0.05 | 0.01  | 6.3  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW103946 | 0.004 | 2   | 1.04 | 0.005 | 0.13 | 0.05 | 0.2   | 17.9 | 0.1  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000124 |
| BRW103947 | 0.142 | 2   | 2.04 | 0.01  | 0.68 | 0.1  | 0.01  | 4.8  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW103962 | 0.081 | 1   | 1.62 | 0.009 | 0.31 | 0.1  | 0.02  | 4.4  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103964 | 0.115 | 2   | 1.82 | 0.011 | 0.49 | 0.1  | 0.04  | 4.7  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW103965 | 0.053 | 0.5 | 1.54 | 0.011 | 0.11 | 0.1  | 0.01  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW103967 | 0.122 | 2   | 2.24 | 0.015 | 0.67 | 0.05 | 0.03  | 5.1  | 0.3  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000124 |
| BRW104037 | 0.134 | 0.5 | 2.12 | 0.013 | 0.46 | 0.05 | 0.005 | 5.2  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW104051 | 0.079 | 1   | 1.55 | 0.021 | 0.07 | 0.1  | 0.04  | 4.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW104053 | 0.086 | 2   | 1.68 | 0.019 | 0.28 | 0.1  | 0.03  | 5.1  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW104054 | 0.082 | 3   | 1.52 | 0.017 | 0.16 | 0.1  | 0.02  | 4.9  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW104055 | 0.124 | 2   | 2.3  | 0.018 | 0.41 | 0.1  | 0.02  | 8.4  | 0.4  | 0.025 | 7  | 2.4  | 1DX15  | WHI10000124 |
| BRW104056 | 0.219 | 2   | 2.98 | 0.014 | 0.96 | 0.05 | 0.005 | 7.2  | 0.4  | 0.025 | 10 | 0.8  | 1DX15  | WHI10000124 |
| BRW104057 | 0.207 | 0.5 | 2.97 | 0.011 | 1.54 | 0.05 | 0.005 | 8.1  | 0.6  | 0.025 | 10 | 1    | 1DX15  | WHI10000124 |
| BRW104058 | 0.171 | 2   | 2.18 | 0.014 | 0.61 | 0.05 | 0.005 | 5.8  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW104059 | 0.163 | 3   | 1.97 | 0.018 | 0.5  | 0.2  | 0.03  | 7.5  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW104062 | 0.18  | 1   | 2.11 | 0.012 | 0.91 | 0.1  | 0.03  | 10.9 | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW104063 | 0.174 | 4   | 2.35 | 0.011 | 1.25 | 0.05 | 0.01  | 10.6 | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW104063 | 0.179 | 1   | 2.37 | 0.01  | 1.25 | 0.05 | 0.02  | 10.7 | 0.7  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW104067 | 0.209 | 0.5 | 2.25 | 0.006 | 1.05 | 0.05 | 0.005 | 4.9  | 0.7  | 0.025 | 8  | 0.9  | 1DX15  | WHI10000124 |
| BRW104071 | 0.122 | 2   | 1.92 | 0.012 | 0.41 | 0.1  | 0.01  | 6.1  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW104085 | 0.088 | 2   | 1.65 | 0.027 | 0.19 | 0.2  | 0.04  | 5.6  | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000124 |
| BRW104086 | 0.096 | 2   | 1.88 | 0.014 | 0.38 | 0.05 | 0.1   | 7    | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW104087 | 0.046 | 3   | 1.63 | 0.008 | 0.33 | 0.05 | 1.02  | 8.5  | 0.3  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000124 |
| BRW104088 | 0.085 | 1   | 1.66 | 0.024 | 0.09 | 0.1  | 0.06  | 5.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW104089 | 0.083 | 4   | 1.21 | 0.018 | 0.38 | 0.1  | 0.07  | 4.5  | 0.3  | 0.06  | 4  | 1.1  | 1DX15  | WHI10000124 |
| BRW104090 | 0.085 | 5   | 1.35 | 0.018 | 0.39 | 0.1  | 0.08  | 4.4  | 0.3  | 0.07  | 4  | 1.8  | 1DX15  | WHI10000124 |
| BRW104091 | 0.021 | 2   | 1.1  | 0.006 | 0.17 | 0.05 | 0.05  | 7.3  | 0.2  | 0.025 | 3  | 0.9  | 1DX15  | WHI10000124 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|------|------|
| BRW104112 | Soil | 599506     | 7004906    | 07V      | 0.8 | 20   | 3    | 109 | 0.05 | 18.2 | 30.9 |
| BRW104114 | Soil | 599430     | 7004842    | 07V      | 1.9 | 48.2 | 6.4  | 80  | 0.3  | 69.6 | 18.4 |
| BRW104118 | Soil | 599192     | 7004660    | 07V      | 0.8 | 88.2 | 4.6  | 54  | 0.1  | 141  | 24   |
| BRW104119 | Soil | 599150     | 7004626    | 07V      | 0.6 | 31.9 | 7.1  | 61  | 0.1  | 24.4 | 9.6  |
| BRW104120 | Soil | 599112     | 7004598    | 07V      | 1.4 | 31.6 | 8.4  | 67  | 0.05 | 21.5 | 10.2 |
| BRW104121 | Soil | 599112     | 7004598    | 07V      | 1.5 | 33.7 | 10.3 | 72  | 0.1  | 24.7 | 10.4 |
| BRW104228 | Soil | 599621     | 7006138    | 07V      | 1.7 | 38.2 | 16.5 | 108 | 0.2  | 43.9 | 15   |
| BRW104257 | Soil | 599472     | 7004624    | 07V      | 0.9 | 18.5 | 7.5  | 87  | 0.05 | 18   | 13.4 |
| BRW104265 | Soil | 599236     | 7004440    | 07V      | 1.4 | 55.7 | 7.8  | 115 | 0.05 | 22.4 | 14.9 |
| BRW104303 | Soil | 596670     | 7005609    | 07V      | 0.6 | 36.5 | 10.9 | 68  | 0.05 | 31.3 | 11   |
| BRW104306 | Soil | 596788     | 7005701    | 07V      | 1.1 | 36.5 | 8.6  | 58  | 0.2  | 26   | 10.5 |
| BRW104307 | Soil | 596829     | 7005734    | 07V      | 3.1 | 48.4 | 13.6 | 98  | 0.05 | 50.7 | 15.5 |
| BRW104308 | Soil | 596867     | 7005763    | 07V      | 21  | 78.7 | 17.2 | 96  | 0.05 | 43.5 | 23.1 |
| BRW104309 | Soil | 596908     | 7005795    | 07V      | 3.2 | 85   | 9.4  | 132 | 0.1  | 53.3 | 29.6 |
| BRW104454 | Soil | 596656     | 7005471    | 07V      | 0.9 | 38   | 9.1  | 70  | 0.1  | 31.7 | 12.5 |
| BRW104455 | Soil | 596695     | 7005500    | 07V      | 0.6 | 19.9 | 8.4  | 75  | 0.05 | 29.2 | 10.5 |
| BRW104456 | Soil | 596734     | 7005532    | 07V      | 0.7 | 36.9 | 10.5 | 61  | 0.1  | 30.1 | 11.4 |
| BRW104458 | Soil | 596815     | 7005592    | 07V      | 3.2 | 43.9 | 5.6  | 148 | 0.05 | 74.4 | 25.2 |
| BRW104459 | Soil | 596853     | 7005622    | 07V      | 3.4 | 66.9 | 12.9 | 272 | 0.05 | 43.4 | 18.3 |
| BRW104459 | REP  | 596853     | 7005622    | 07V      | 3.2 | 66.9 | 13   | 269 | 0.05 | 42.4 | 18.3 |
| BRW104460 | Soil | 596894     | 7005654    | 07V      | 1.3 | 32.9 | 8.5  | 71  | 0.05 | 26.3 | 10.2 |
| BRW104467 | Soil | 597168     | 7005866    | 07V      | 2.7 | 81.6 | 9.7  | 100 | 0.05 | 60.8 | 36   |
| BRW104487 | Soil | 599098     | 7005344    | 07V      | 0.5 | 29.7 | 2.4  | 44  | 0.05 | 19.9 | 20.2 |
| BRW104489 | Soil | 599177     | 7005408    | 07V      | 1.5 | 15.2 | 6    | 69  | 0.05 | 12.4 | 9.3  |
| BRW104495 | Soil | 599413     | 7005591    | 07V      | 1.2 | 48.7 | 8.7  | 58  | 0.05 | 35.7 | 12.4 |
| BRW104496 | Soil | 599453     | 7005622    | 07V      | 0.9 | 40.1 | 8    | 58  | 0.1  | 32.1 | 12.5 |
| BRW104498 | Soil | 599532     | 7005682    | 07V      | 1.3 | 36.1 | 13.3 | 57  | 0.05 | 31.5 | 11.7 |
| BRW108004 | Soil | 597416     | 7006442    | 07V      | 3.2 | 51.1 | 15.1 | 82  | 0.05 | 37.7 | 14.1 |
| BRW108008 | Soil | 597258     | 7006320    | 07V      | 0.7 | 13.8 | 15.1 | 49  | 0.05 | 15.5 | 8    |
| BRW108010 | Soil | 597179     | 7006260    | 07V      | 0.9 | 43   | 8.6  | 102 | 0.05 | 33.3 | 15   |
| BRW108011 | Soil | 597141     | 7006229    | 07V      | 0.7 | 28.8 | 10.3 | 108 | 0.1  | 22.6 | 11.5 |
| BRW108013 | Soil | 597061     | 7006168    | 07V      | 1.8 | 88.7 | 7.3  | 90  | 0.05 | 75   | 17.9 |
| BRW108020 | Soil | 596783     | 7005950    | 07V      | 2.5 | 38   | 7.4  | 84  | 0.05 | 41.2 | 17.5 |
| BRW108026 | Soil | 596550     | 7005769    | 07V      | 2.7 | 56.8 | 10.2 | 153 | 0.05 | 59.7 | 15.3 |
| BRW108028 | Soil | 596471     | 7005706    | 07V      | 0.4 | 34   | 11.5 | 71  | 0.05 | 47   | 18.7 |
| BRW108029 | Soil | 596410     | 7005785    | 07V      | 0.6 | 29.9 | 10.7 | 69  | 0.05 | 26.4 | 12.7 |
| BRW108033 | Soil | 598622     | 7005229    | 07V      | 1.3 | 43.9 | 5.5  | 101 | 0.05 | 31.4 | 17.8 |
| BRW108034 | Soil | 598658     | 7005260    | 07V      | 1.6 | 31.6 | 16.6 | 75  | 0.05 | 27.3 | 10.7 |
| BRW108035 | Soil | 598699     | 7005290    | 07V      | 4.6 | 94.7 | 12.3 | 143 | 0.05 | 82.5 | 21.7 |
| BRW108036 | Soil | 598740     | 7005322    | 07V      | 6.8 | 60.8 | 22.3 | 103 | 0.1  | 52.6 | 19.3 |
| BRW108037 | Soil | 598777     | 7005352    | 07V      | 1.3 | 35.9 | 15.8 | 94  | 0.05 | 43   | 15.2 |
| BRW108038 | Soil | 598817     | 7005383    | 07V      | 1.9 | 35.4 | 12.9 | 118 | 0.05 | 21.6 | 11.5 |
| BRW108039 | Soil | 598856     | 7005413    | 07V      | 0.9 | 30.7 | 10   | 65  | 0.05 | 41.5 | 9.9  |
| BRW108040 | Soil | 598896     | 7005444    | 07V      | 0.7 | 32.7 | 11.4 | 91  | 0.05 | 25.5 | 15.8 |
| BRW108041 | Soil | 598935     | 7005475    | 07V      | 0.8 | 37.7 | 11.4 | 70  | 0.05 | 26.8 | 10.9 |
| BRW108042 | Soil | 598975     | 7005506    | 07V      | 1   | 32   | 24.3 | 65  | 0.05 | 26.5 | 12.1 |
| BRW108043 | Soil | 599015     | 7005537    | 07V      | 1.6 | 53.6 | 11.5 | 67  | 0.05 | 45.3 | 13.9 |
| BRW108043 | REP  | 599015     | 7005537    | 07V      | 1.5 | 55.2 | 11.5 | 68  | 0.05 | 46.6 | 14.1 |
| BRW108044 | Soil | 599054     | 7005567    | 07V      | 2.3 | 74.5 | 15   | 130 | 0.1  | 50.8 | 14.8 |
| BRW108047 | Soil | 599762     | 7006123    | 07V      | 1.8 | 41   | 18.5 | 115 | 0.1  | 33.9 | 11.1 |
| BRW108050 | Soil | 599172     | 7005660    | 07V      | 1.2 | 45.2 | 13.1 | 73  | 0.05 | 31.5 | 10.9 |
| BRW108052 | Soil | 599251     | 7005722    | 07V      | 0.9 | 17.7 | 4.9  | 36  | 0.05 | 21.3 | 9.8  |
| BRW108053 | Soil | 599290     | 7005754    | 07V      | 1   | 26.2 | 8.3  | 52  | 0.05 | 28.4 | 10.4 |
| BRW108054 | Soil | 599330     | 7005784    | 07V      | 0.8 | 16.1 | 7.3  | 41  | 0.05 | 21.9 | 8.6  |
| BRW108056 | Soil | 599409     | 7005843    | 07V      | 1.6 | 17.6 | 8.5  | 43  | 0.05 | 28.4 | 13.8 |
| BRW108057 | Soil | 599447     | 7005875    | 07V      | 1.6 | 42.3 | 13   | 77  | 0.05 | 45.6 | 16.3 |
| BRW108058 | Soil | 599487     | 7005905    | 07V      | 1.2 | 20.2 | 8.3  | 44  | 0.05 | 26.4 | 11   |
| BRW108059 | Soil | 599526     | 7005937    | 07V      | 1.2 | 28.2 | 24.9 | 160 | 0.1  | 19.9 | 10.3 |
| BRW108066 | Soil | 600439     | 7005255    | 07V      | 1.3 | 25.2 | 17.4 | 65  | 0.05 | 26.2 | 10.9 |
| BRW108067 | Soil | 600398     | 7005224    | 07V      | 2.3 | 26.3 | 12.8 | 75  | 0.2  | 26.8 | 10   |
| BRW108068 | Soil | 600360     | 7005191    | 07V      | 1.6 | 18.9 | 10.6 | 60  | 0.1  | 18.8 | 7.8  |
| BRW108069 | Soil | 600319     | 7005161    | 07V      | 1.3 | 17   | 11.2 | 56  | 0.2  | 19.1 | 9.3  |
| BRW108089 | Soil | 599533     | 7004547    | 07V      | 1.2 | 15.3 | 7.7  | 86  | 0.05 | 15.6 | 12.2 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr  | Cd   | Sb  | Bi   | V   | Ca    | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|------|------|-----|------|-----|------|-----|-------|-------|----|-----|------|-----|
| BRW104112 | 1135 | 7.4  | 1.6   | 1   | 1.6  | 5.6  | 26  | 0.05 | 0.2 | 0.05 | 172 | 0.8   | 0.105 | 35 | 38  | 2.64 | 185 |
| BRW104114 | 879  | 3.75 | 14.4  | 2.2 | 2.4  | 4.9  | 63  | 0.3  | 0.4 | 0.05 | 75  | 1.6   | 0.052 | 24 | 99  | 1.29 | 871 |
| BRW104118 | 398  | 3.24 | 7.7   | 1.2 | 2.3  | 5.8  | 41  | 0.05 | 0.4 | 0.05 | 55  | 1.18  | 0.035 | 39 | 54  | 1.9  | 404 |
| BRW104119 | 403  | 2.91 | 7.2   | 0.5 | 4.1  | 3.9  | 35  | 0.05 | 0.5 | 0.1  | 57  | 0.75  | 0.065 | 14 | 34  | 0.73 | 296 |
| BRW104120 | 426  | 3.2  | 8.2   | 1.1 | 9.9  | 7.4  | 34  | 0.05 | 0.5 | 0.1  | 53  | 0.64  | 0.05  | 28 | 28  | 0.63 | 251 |
| BRW104121 | 489  | 3.34 | 8.3   | 1.2 | 2.5  | 7.6  | 34  | 0.05 | 0.6 | 0.1  | 54  | 0.64  | 0.046 | 31 | 29  | 0.63 | 270 |
| BRW104228 | 413  | 3.96 | 11    | 1.8 | 1.5  | 12.7 | 21  | 0.1  | 0.7 | 0.3  | 78  | 0.26  | 0.047 | 30 | 50  | 0.71 | 347 |
| BRW104257 | 455  | 4.09 | 5.3   | 0.6 | 0.6  | 6.5  | 19  | 0.1  | 0.2 | 0.05 | 71  | 0.5   | 0.147 | 28 | 40  | 1.1  | 196 |
| BRW104265 | 611  | 5.64 | 4.1   | 0.6 | 2.3  | 11.6 | 16  | 0.05 | 0.3 | 0.05 | 93  | 0.29  | 0.06  | 26 | 53  | 1.45 | 324 |
| BRW104303 | 377  | 3.13 | 9.7   | 0.8 | 2.6  | 8    | 37  | 0.05 | 0.6 | 0.2  | 63  | 0.84  | 0.056 | 24 | 39  | 0.61 | 295 |
| BRW104306 | 628  | 2.68 | 8.4   | 1.5 | 5.4  | 4.5  | 45  | 0.4  | 0.5 | 0.1  | 51  | 0.69  | 0.08  | 25 | 29  | 0.48 | 621 |
| BRW104307 | 440  | 4.71 | 7.2   | 0.8 | 3.9  | 9.4  | 38  | 0.1  | 0.5 | 0.05 | 55  | 0.32  | 0.043 | 22 | 37  | 0.28 | 285 |
| BRW104308 | 716  | 5.15 | 11    | 0.6 | 17.5 | 6.4  | 28  | 0.1  | 1.2 | 0.05 | 92  | 0.44  | 0.022 | 16 | 60  | 0.91 | 707 |
| BRW104309 | 880  | 6.13 | 4.7   | 0.8 | 4    | 10.8 | 41  | 0.2  | 0.4 | 0.05 | 152 | 0.96  | 0.248 | 38 | 36  | 1.59 | 814 |
| BRW104454 | 492  | 2.9  | 9.3   | 0.8 | 2.9  | 4.2  | 58  | 0.2  | 0.7 | 0.2  | 66  | 1.54  | 0.069 | 15 | 40  | 0.79 | 315 |
| BRW104455 | 756  | 1.92 | 6.9   | 0.8 | 1.1  | 3.7  | 195 | 0.5  | 0.2 | 0.05 | 28  | 24.35 | 0.081 | 12 | 22  | 0.69 | 138 |
| BRW104456 | 419  | 2.95 | 10    | 0.8 | 3.1  | 6.4  | 43  | 0.2  | 0.6 | 0.2  | 64  | 0.9   | 0.057 | 22 | 36  | 0.58 | 312 |
| BRW104458 | 761  | 5.92 | 3.5   | 0.9 | 1.6  | 10.4 | 11  | 0.1  | 0.1 | 0.05 | 106 | 0.17  | 0.033 | 30 | 88  | 0.68 | 397 |
| BRW104459 | 503  | 5.63 | 2.5   | 0.7 | 4.4  | 16.2 | 14  | 0.3  | 0.3 | 0.05 | 52  | 0.2   | 0.021 | 37 | 32  | 0.5  | 357 |
| BRW104459 | 512  | 5.61 | 2.7   | 0.7 | 3.5  | 15.7 | 14  | 0.4  | 0.3 | 0.05 | 53  | 0.2   | 0.023 | 35 | 32  | 0.5  | 354 |
| BRW104460 | 361  | 3.06 | 9.8   | 0.8 | 3.2  | 5.3  | 33  | 0.2  | 0.6 | 0.1  | 63  | 0.55  | 0.082 | 17 | 32  | 0.5  | 301 |
| BRW104467 | 1472 | 5.44 | 10.5  | 0.9 | 1.9  | 21.5 | 29  | 0.05 | 0.6 | 0.1  | 70  | 0.69  | 0.109 | 63 | 75  | 1.1  | 515 |
| BRW104487 | 371  | 3.08 | 3.5   | 0.3 | 1.7  | 1.7  | 15  | 0.05 | 0.2 | 0.05 | 62  | 0.58  | 0.177 | 9  | 22  | 1.53 | 155 |
| BRW104489 | 419  | 3.6  | 5.9   | 1.1 | 0.25 | 9.9  | 14  | 0.05 | 0.2 | 0.05 | 49  | 0.4   | 0.132 | 38 | 21  | 0.71 | 197 |
| BRW104495 | 341  | 2.97 | 12.7  | 0.6 | 6.1  | 4.3  | 29  | 0.05 | 0.9 | 0.1  | 64  | 0.47  | 0.017 | 15 | 37  | 0.6  | 222 |
| BRW104496 | 514  | 2.58 | 11.3  | 0.7 | 14   | 2.7  | 137 | 0.2  | 0.9 | 0.1  | 57  | 4.84  | 0.054 | 12 | 30  | 0.91 | 360 |
| BRW104498 | 403  | 2.89 | 8.7   | 0.9 | 5.7  | 4.4  | 35  | 0.05 | 0.9 | 0.1  | 55  | 0.48  | 0.042 | 15 | 39  | 0.57 | 249 |
| BRW108004 | 551  | 3.35 | 31    | 1.6 | 13.4 | 8.3  | 27  | 0.2  | 4.3 | 0.2  | 58  | 0.21  | 0.053 | 20 | 36  | 0.37 | 345 |
| BRW108008 | 223  | 2.03 | 2.7   | 0.8 | 0.25 | 9.3  | 11  | 0.05 | 0.1 | 0.05 | 27  | 0.16  | 0.034 | 18 | 27  | 0.38 | 129 |
| BRW108010 | 653  | 4.55 | 7.4   | 0.5 | 3.1  | 10.8 | 21  | 0.05 | 0.4 | 0.05 | 84  | 0.51  | 0.053 | 35 | 45  | 1.26 | 292 |
| BRW108011 | 704  | 4.77 | 6.5   | 0.8 | 5.6  | 16.4 | 23  | 0.1  | 0.4 | 0.05 | 62  | 0.5   | 0.057 | 66 | 28  | 1.01 | 358 |
| BRW108013 | 459  | 4.45 | 7.2   | 0.8 | 4    | 10.8 | 22  | 0.05 | 0.4 | 0.05 | 127 | 0.46  | 0.081 | 37 | 110 | 1.03 | 466 |
| BRW108020 | 511  | 3.97 | 7.1   | 0.8 | 2.9  | 7.8  | 28  | 0.1  | 0.3 | 0.05 | 81  | 0.43  | 0.052 | 16 | 60  | 1.07 | 504 |
| BRW108026 | 449  | 3.7  | 8.2   | 1.1 | 2.8  | 10   | 29  | 0.3  | 0.3 | 0.2  | 80  | 0.51  | 0.159 | 30 | 43  | 0.56 | 417 |
| BRW108028 | 337  | 4.32 | 3.9   | 0.7 | 0.7  | 18.1 | 13  | 0.05 | 0.2 | 0.05 | 53  | 0.4   | 0.05  | 35 | 56  | 0.96 | 184 |
| BRW108029 | 413  | 3.16 | 9     | 0.7 | 1.6  | 8.7  | 29  | 0.05 | 0.4 | 0.1  | 65  | 0.78  | 0.049 | 25 | 37  | 0.62 | 330 |
| BRW108033 | 504  | 4.51 | 4.9   | 0.4 | 1.3  | 2.3  | 15  | 0.05 | 0.2 | 0.05 | 100 | 0.31  | 0.058 | 6  | 65  | 1.53 | 441 |
| BRW108034 | 294  | 3.6  | 6.1   | 0.3 | 0.25 | 9.5  | 11  | 0.05 | 0.2 | 0.05 | 82  | 0.14  | 0.019 | 11 | 48  | 0.47 | 261 |
| BRW108035 | 719  | 7.06 | 36.6  | 1.1 | 1.9  | 22.8 | 23  | 0.05 | 0.6 | 0.1  | 111 | 0.31  | 0.024 | 96 | 265 | 1.45 | 595 |
| BRW108036 | 419  | 4.76 | 359.6 | 0.7 | 1.8  | 5.6  | 12  | 0.05 | 5.1 | 0.1  | 53  | 0.11  | 0.022 | 14 | 31  | 0.15 | 340 |
| BRW108037 | 288  | 3.89 | 58.5  | 0.7 | 1.4  | 7.8  | 17  | 0.05 | 1   | 0.05 | 67  | 0.14  | 0.013 | 18 | 48  | 0.32 | 250 |
| BRW108038 | 744  | 5    | 12.8  | 0.5 | 0.7  | 9.2  | 17  | 0.05 | 0.3 | 0.05 | 83  | 0.32  | 0.033 | 13 | 47  | 1.31 | 353 |
| BRW108039 | 254  | 3.32 | 12.7  | 0.9 | 1.8  | 11.1 | 23  | 0.05 | 0.6 | 0.1  | 68  | 0.36  | 0.025 | 28 | 82  | 0.71 | 148 |
| BRW108040 | 579  | 5.25 | 10.7  | 0.9 | 1.8  | 11.1 | 20  | 0.05 | 0.4 | 0.1  | 86  | 0.49  | 0.123 | 43 | 40  | 1.12 | 203 |
| BRW108041 | 299  | 3.6  | 13.5  | 0.8 | 2.1  | 5.6  | 20  | 0.05 | 0.7 | 0.1  | 76  | 0.32  | 0.077 | 20 | 47  | 0.8  | 149 |
| BRW108042 | 326  | 3.6  | 13.3  | 0.7 | 1    | 7.4  | 21  | 0.05 | 0.7 | 0.3  | 72  | 0.31  | 0.052 | 29 | 40  | 0.72 | 145 |
| BRW108043 | 466  | 3.4  | 17.5  | 0.9 | 2.9  | 6.7  | 22  | 0.05 | 0.9 | 0.1  | 65  | 0.29  | 0.04  | 23 | 61  | 0.66 | 242 |
| BRW108043 | 486  | 3.51 | 18.5  | 0.9 | 3.7  | 6.7  | 20  | 0.1  | 0.9 | 0.1  | 68  | 0.3   | 0.04  | 24 | 63  | 0.69 | 246 |
| BRW108044 | 400  | 3.69 | 30.6  | 1.3 | 3.7  | 6.6  | 22  | 0.2  | 2.1 | 0.2  | 72  | 0.32  | 0.027 | 18 | 42  | 0.42 | 492 |
| BRW108047 | 398  | 3.53 | 7.1   | 1.2 | 1.3  | 9    | 17  | 0.2  | 0.6 | 0.2  | 69  | 0.27  | 0.057 | 20 | 40  | 0.53 | 364 |
| BRW108050 | 752  | 3.23 | 12.9  | 1.6 | 5.3  | 6    | 11  | 0.2  | 3.4 | 0.2  | 41  | 0.12  | 0.038 | 19 | 18  | 0.24 | 295 |
| BRW108052 | 372  | 2.75 | 8.1   | 1.2 | 1.3  | 3.5  | 5   | 0.05 | 1.4 | 0.2  | 29  | 0.05  | 0.017 | 11 | 13  | 0.05 | 84  |
| BRW108053 | 250  | 2.9  | 11.2  | 0.6 | 2.8  | 4.7  | 17  | 0.05 | 0.7 | 0.2  | 66  | 0.2   | 0.015 | 11 | 40  | 0.53 | 157 |
| BRW108054 | 237  | 2.48 | 6.3   | 0.4 | 7.5  | 2.3  | 20  | 0.1  | 0.6 | 0.1  | 56  | 0.31  | 0.017 | 8  | 31  | 0.44 | 187 |
| BRW108056 | 438  | 2.7  | 5.3   | 0.6 | 3.4  | 3.2  | 16  | 0.1  | 0.7 | 0.1  | 46  | 0.3   | 0.02  | 10 | 40  | 0.35 | 176 |
| BRW108057 | 359  | 3.6  | 16.9  | 1.1 | 4.4  | 6.6  | 19  | 0.1  | 1.8 | 0.2  | 57  | 0.25  | 0.03  | 16 | 50  | 0.43 | 176 |
| BRW108058 | 357  | 2.75 | 8.9   | 0.7 | 6.6  | 4.2  | 21  | 0.05 | 0.7 | 0.1  | 59  | 0.33  | 0.017 | 13 | 37  | 0.42 | 246 |
| BRW108059 | 601  | 4.88 | 8.5   | 1.4 | 4.8  | 10   | 15  | 0.1  | 1   | 0.3  | 43  | 0.42  | 0.05  | 19 | 28  | 0.76 | 241 |
| BRW108066 | 312  | 3.32 | 13    | 0.9 | 3.5  | 5    | 18  | 0.05 | 0.8 | 0.3  | 63  | 0.21  | 0.024 | 11 | 36  | 0.49 | 285 |
| BRW108067 | 264  | 3.18 | 6.9   | 2   | 4.7  | 7    | 23  | 0.05 | 0.6 | 0.4  | 57  | 0.24  | 0.052 | 21 | 30  | 0.33 | 216 |
| BRW108068 | 335  | 2.75 | 6.6   | 1.4 | 5.9  | 5.3  | 20  | 0.05 | 0.4 | 0.4  | 59  | 0.25  | 0.031 | 17 | 31  | 0.48 | 211 |
| BRW108069 | 302  | 2.66 | 7.2   | 1.1 | 4.7  | 4.4  | 20  | 0.05 | 0.5 | 0.3  | 54  | 0.26  | 0.042 | 16 | 29  | 0.41 | 203 |
| BRW108089 | 452  | 3.72 | 6.3   | 0.7 | 1.9  | 5.3  | 17  | 0.05 | 0.3 | 0.05 | 62  | 0.38  | 0.139 | 25 | 30  | 0.62 | 157 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW104112 | 0.23  | 2   | 3.53 | 0.017 | 0.56 | 0.05 | 0.04  | 21.3 | 0.7  | 0.025 | 16 | 0.5  | 1DX15  | WHI10000124 |
| BRW104114 | 0.143 | 4   | 2.05 | 0.015 | 0.87 | 0.05 | 0.03  | 5.9  | 0.4  | 0.12  | 7  | 1    | 1DX15  | WHI10000124 |
| BRW104118 | 0.156 | 2   | 2.39 | 0.029 | 0.6  | 0.05 | 0.02  | 4.1  | 0.4  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000124 |
| BRW104119 | 0.098 | 2   | 1.63 | 0.022 | 0.19 | 0.1  | 0.03  | 5.1  | 0.05 | 0.025 | 6  | 0.5  | 1DX15  | WHI10000124 |
| BRW104120 | 0.113 | 2   | 1.73 | 0.018 | 0.3  | 0.05 | 0.04  | 5.8  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000124 |
| BRW104121 | 0.118 | 2   | 1.72 | 0.017 | 0.29 | 0.1  | 0.03  | 5.6  | 0.2  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000124 |
| BRW104228 | 0.173 | 0.5 | 2.22 | 0.011 | 0.61 | 0.05 | 0.01  | 4.8  | 0.5  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW104257 | 0.159 | 1   | 2.32 | 0.012 | 0.83 | 0.05 | 0.02  | 5.7  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW104265 | 0.255 | 1   | 2.85 | 0.009 | 1.31 | 0.05 | 0.02  | 9.2  | 0.6  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000124 |
| BRW104303 | 0.09  | 2   | 1.95 | 0.024 | 0.12 | 0.1  | 0.03  | 5.3  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW104306 | 0.058 | 1   | 1.49 | 0.02  | 0.09 | 0.2  | 0.06  | 5.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW104307 | 0.015 | 1   | 1.06 | 0.012 | 0.09 | 0.05 | 0.04  | 10.4 | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000124 |
| BRW104308 | 0.077 | 2   | 1.89 | 0.025 | 0.38 | 0.05 | 0.09  | 15.1 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW104309 | 0.087 | 1   | 3.07 | 0.017 | 0.52 | 0.05 | 0.03  | 14.8 | 0.2  | 0.025 | 12 | 0.6  | 1DX15  | WHI10000124 |
| BRW104454 | 0.096 | 2   | 1.72 | 0.045 | 0.11 | 0.1  | 0.03  | 4.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW104455 | 0.033 | 1   | 0.64 | 0.007 | 0.06 | 0.1  | 0.005 | 3.5  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000124 |
| BRW104456 | 0.096 | 2   | 1.81 | 0.035 | 0.11 | 0.2  | 0.03  | 4.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW104458 | 0.146 | 1   | 1.45 | 0.008 | 0.81 | 0.05 | 0.03  | 9.5  | 0.4  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000124 |
| BRW104459 | 0.078 | 1   | 1.27 | 0.006 | 0.56 | 0.05 | 0.04  | 8    | 0.5  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000124 |
| BRW104459 | 0.075 | 2   | 1.26 | 0.007 | 0.56 | 0.05 | 0.04  | 7.9  | 0.4  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000124 |
| BRW104460 | 0.092 | 2   | 1.38 | 0.024 | 0.09 | 0.2  | 0.03  | 5.1  | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000124 |
| BRW104467 | 0.087 | 1   | 2.45 | 0.016 | 0.66 | 0.05 | 0.03  | 8.9  | 0.7  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW104487 | 0.152 | 0.5 | 1.93 | 0.014 | 0.99 | 0.05 | 0.005 | 3.2  | 0.5  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW104489 | 0.184 | 0.5 | 1.86 | 0.009 | 0.93 | 0.05 | 0.005 | 5.2  | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW104495 | 0.069 | 1   | 1.8  | 0.022 | 0.09 | 0.2  | 0.05  | 5.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW104496 | 0.074 | 3   | 1.55 | 0.049 | 0.1  | 0.2  | 0.04  | 3.6  | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000124 |
| BRW104498 | 0.079 | 2   | 1.51 | 0.023 | 0.09 | 0.1  | 0.07  | 5.1  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000124 |
| BRW108004 | 0.045 | 1   | 1.34 | 0.009 | 0.2  | 0.1  | 0.04  | 8.7  | 0.1  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000124 |
| BRW108008 | 0.07  | 1   | 1.15 | 0.008 | 0.38 | 0.05 | 0.01  | 2.1  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108010 | 0.219 | 1   | 2.32 | 0.021 | 1    | 0.1  | 0.03  | 8.2  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW108011 | 0.266 | 1   | 2.27 | 0.018 | 0.93 | 0.05 | 0.02  | 9.8  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW108013 | 0.146 | 2   | 1.95 | 0.019 | 0.42 | 0.1  | 0.04  | 9.5  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108020 | 0.109 | 1   | 2.3  | 0.02  | 0.41 | 0.1  | 0.01  | 5.1  | 0.1  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000124 |
| BRW108026 | 0.072 | 2   | 1.41 | 0.011 | 0.29 | 0.1  | 0.02  | 4    | 0.2  | 0.025 | 4  | 1.6  | 1DX15  | WHI10000124 |
| BRW108028 | 0.156 | 0.5 | 2.17 | 0.008 | 1    | 0.05 | 0.005 | 4.7  | 0.5  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108029 | 0.096 | 2   | 1.83 | 0.022 | 0.1  | 0.1  | 0.02  | 4.8  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW108033 | 0.247 | 0.5 | 2.98 | 0.015 | 1.22 | 0.05 | 0.005 | 6.1  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW108034 | 0.138 | 2   | 1.41 | 0.009 | 0.61 | 0.05 | 0.01  | 6.4  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW108035 | 0.162 | 2   | 3.15 | 0.009 | 1.22 | 0.05 | 0.03  | 19.2 | 0.7  | 0.025 | 11 | 0.9  | 1DX15  | WHI10000124 |
| BRW108036 | 0.018 | 2   | 1.12 | 0.006 | 0.13 | 0.05 | 0.03  | 4.4  | 1.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108037 | 0.026 | 2   | 1.31 | 0.007 | 0.15 | 0.05 | 0.02  | 8.5  | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108038 | 0.266 | 1   | 2.96 | 0.01  | 1.34 | 0.05 | 0.02  | 8.3  | 0.6  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000124 |
| BRW108039 | 0.086 | 3   | 1.78 | 0.012 | 0.18 | 0.05 | 0.04  | 8.8  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108040 | 0.212 | 2   | 2.91 | 0.015 | 1.17 | 0.1  | 0.02  | 9.5  | 0.5  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000124 |
| BRW108041 | 0.114 | 0.5 | 2.12 | 0.012 | 0.37 | 0.1  | 0.005 | 7    | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108042 | 0.117 | 1   | 2.31 | 0.009 | 0.39 | 0.1  | 0.01  | 6    | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108043 | 0.103 | 3   | 1.54 | 0.011 | 0.38 | 0.2  | 0.07  | 7.3  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108043 | 0.108 | 2   | 1.62 | 0.011 | 0.4  | 0.1  | 0.06  | 7.4  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108044 | 0.048 | 2   | 1.56 | 0.01  | 0.15 | 0.1  | 0.04  | 7.5  | 0.1  | 0.025 | 4  | 1.4  | 1DX15  | WHI10000124 |
| BRW108047 | 0.121 | 0.5 | 1.77 | 0.009 | 0.55 | 0.05 | 0.01  | 3.1  | 0.4  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000124 |
| BRW108050 | 0.016 | 1   | 1.09 | 0.005 | 0.23 | 0.2  | 0.11  | 6.5  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108052 | 0.006 | 1   | 0.46 | 0.002 | 0.04 | 0.1  | 0.05  | 3.6  | 0.05 | 0.025 | 1  | 0.25 | 1DX15  | WHI10000124 |
| BRW108053 | 0.074 | 2   | 1.88 | 0.011 | 0.1  | 0.2  | 0.02  | 3.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108054 | 0.056 | 1   | 1.39 | 0.011 | 0.1  | 0.1  | 0.02  | 2.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108056 | 0.05  | 1   | 1.22 | 0.011 | 0.12 | 0.1  | 0.02  | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108057 | 0.048 | 2   | 1.85 | 0.009 | 0.14 | 0.1  | 0.07  | 6.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108058 | 0.053 | 0.5 | 1.6  | 0.009 | 0.08 | 0.1  | 0.03  | 4.4  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000124 |
| BRW108059 | 0.145 | 2   | 1.97 | 0.01  | 0.81 | 0.2  | 0.05  | 12   | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW108066 | 0.082 | 2   | 1.92 | 0.01  | 0.16 | 0.2  | 0.01  | 3.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108067 | 0.073 | 2   | 1.27 | 0.009 | 0.18 | 0.1  | 0.03  | 3.5  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108068 | 0.109 | 0.5 | 1.64 | 0.011 | 0.16 | 0.1  | 0.03  | 2.8  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108069 | 0.077 | 2   | 1.46 | 0.01  | 0.12 | 0.1  | 0.02  | 2.6  | 0.1  | 0.05  | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108089 | 0.128 | 1   | 1.98 | 0.009 | 0.61 | 0.05 | 0.02  | 5.1  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|------|------|
| BRW108091 | Soil | 599454     | 7004486    | 07V      | 0.7 | 32    | 7.2  | 115 | 0.05 | 25.8 | 19.3 |
| BRW108092 | Soil | 599416     | 7004454    | 07V      | 1.7 | 37.5  | 5.9  | 114 | 0.05 | 29.7 | 19.6 |
| BRW108094 | Soil | 599337     | 7004394    | 07V      | 1.4 | 42.8  | 9.7  | 60  | 0.1  | 38.9 | 17.9 |
| BRW108095 | Soil | 599297     | 7004362    | 07V      | 0.8 | 56.1  | 7.2  | 113 | 0.05 | 20.3 | 16.3 |
| BRW108096 | Soil | 599297     | 7004362    | 07V      | 1.3 | 42.6  | 8.6  | 96  | 0.1  | 19.6 | 14.1 |
| BRW108272 | Soil | 598680     | 7005151    | 07V      | 0.7 | 26.2  | 6.1  | 83  | 0.05 | 25.9 | 15.3 |
| BRW108273 | Soil | 598721     | 7005181    | 07V      | 1.3 | 45.8  | 13.4 | 76  | 0.05 | 49.9 | 15.5 |
| BRW108274 | Soil | 598759     | 7005210    | 07V      | 1.7 | 64.6  | 25.2 | 109 | 0.2  | 45.8 | 15.8 |
| BRW108275 | Soil | 598800     | 7005244    | 07V      | 3.2 | 33.7  | 13.2 | 79  | 0.05 | 26.6 | 12.2 |
| BRW108276 | Soil | 598838     | 7005274    | 07V      | 1.6 | 31.2  | 7.7  | 92  | 0.05 | 54.4 | 13.3 |
| BRW108277 | Soil | 598879     | 7005304    | 07V      | 0.9 | 20.2  | 7.8  | 55  | 0.05 | 20.1 | 8.3  |
| BRW108278 | Soil | 598918     | 7005336    | 07V      | 0.9 | 33.1  | 8.7  | 58  | 0.05 | 29.9 | 11.3 |
| BRW108280 | Soil | 598999     | 7005399    | 07V      | 1   | 29.4  | 6.3  | 88  | 0.05 | 32.5 | 20.5 |
| BRW108281 | Soil | 599037     | 7005427    | 07V      | 0.9 | 21.1  | 6.9  | 53  | 0.05 | 19.6 | 13   |
| BRW108282 | Soil | 599074     | 7005458    | 07V      | 0.8 | 26    | 9.4  | 53  | 0.05 | 26.8 | 11.8 |
| BRW108283 | Soil | 599115     | 7005490    | 07V      | 1   | 16.7  | 12.5 | 68  | 0.05 | 18.7 | 11.4 |
| BRW108284 | Soil | 599154     | 7005518    | 07V      | 1.5 | 39.8  | 10.5 | 73  | 0.05 | 40.4 | 14.6 |
| BRW108288 | Soil | 599311     | 7005643    | 07V      | 1.8 | 23.3  | 7.8  | 62  | 0.1  | 30.7 | 17.7 |
| BRW108289 | Soil | 599353     | 7005675    | 07V      | 1.1 | 15.6  | 8.2  | 34  | 0.05 | 20.2 | 10.8 |
| BRW108291 | Soil | 599431     | 7005736    | 07V      | 0.9 | 37    | 7.9  | 55  | 0.05 | 33.6 | 12.3 |
| BRW108292 | Soil | 599472     | 7005767    | 07V      | 1   | 25.9  | 10.3 | 55  | 0.05 | 29   | 11.7 |
| BRW108293 | Soil | 599509     | 7005795    | 07V      | 1.2 | 21.6  | 9.7  | 50  | 0.05 | 26.9 | 11.1 |
| BRW108294 | Soil | 599549     | 7005827    | 07V      | 1.1 | 54.4  | 9.7  | 54  | 0.2  | 38.3 | 11.9 |
| BRW108295 | Soil | 599587     | 7005856    | 07V      | 1   | 27.1  | 25.4 | 69  | 0.05 | 26.8 | 13.1 |
| BRW108296 | Soil | 599625     | 7005888    | 07V      | 2.2 | 76.8  | 15.5 | 134 | 0.1  | 54.2 | 15.9 |
| BRW108298 | Soil | 599705     | 7005948    | 07V      | 1.2 | 20.5  | 9.3  | 55  | 0.05 | 22.8 | 9.2  |
| BRW108299 | Soil | 599745     | 7005979    | 07V      | 1.2 | 44.7  | 9    | 59  | 0.2  | 31.3 | 8.8  |
| BRW108300 | Soil | 599784     | 7006011    | 07V      | 1.6 | 60.2  | 13.4 | 85  | 0.4  | 48.8 | 15.4 |
| BRW108301 | Soil | 599824     | 7006044    | 07V      | 0.8 | 17.1  | 8    | 48  | 0.05 | 21.2 | 9.3  |
| BRW108302 | Soil | 599862     | 7006073    | 07V      | 3.1 | 59    | 18.6 | 139 | 0.2  | 45.2 | 13.7 |
| BRW108309 | Soil | 600001     | 7005417    | 07V      | 0.9 | 26.7  | 7.4  | 73  | 0.05 | 22.9 | 9.4  |
| BRW108310 | Soil | 599958     | 7005388    | 07V      | 1   | 38.9  | 11   | 82  | 0.1  | 32   | 11.8 |
| BRW108312 | Soil | 599881     | 7005326    | 07V      | 1.4 | 35    | 13.9 | 73  | 0.05 | 39.3 | 15.4 |
| BRW108312 | REP  | 599881     | 7005326    | 07V      | 1.4 | 36.4  | 13.8 | 69  | 0.1  | 38.5 | 15.9 |
| BRW108313 | Soil | 599839     | 7005295    | 07V      | 2   | 40.9  | 11.5 | 73  | 0.2  | 35   | 11   |
| BRW108321 | Soil | 599526     | 7005048    | 07V      | 0.8 | 16.4  | 7.8  | 57  | 0.05 | 14.9 | 12.4 |
| BRW108322 | Soil | 599485     | 7005016    | 07V      | 1.3 | 16.1  | 8.8  | 65  | 0.05 | 17.7 | 9.7  |
| BRW108324 | Soil | 599408     | 7004952    | 07V      | 0.8 | 25.2  | 8    | 56  | 0.05 | 21.7 | 10.7 |
| BRW108326 | Soil | 599329     | 7004892    | 07V      | 1.2 | 24.1  | 12.8 | 89  | 0.05 | 16   | 15   |
| BRW108327 | Soil | 599286     | 7004861    | 07V      | 0.3 | 20.4  | 3.1  | 74  | 0.05 | 10.6 | 19.6 |
| BRW108328 | Soil | 599250     | 7004830    | 07V      | 0.5 | 34.3  | 8.8  | 54  | 0.1  | 27.5 | 10.7 |
| BRW108329 | Soil | 599210     | 7004800    | 07V      | 1   | 41.7  | 9.2  | 83  | 0.05 | 28.3 | 11.5 |
| BRW108330 | Soil | 599171     | 7004769    | 07V      | 2   | 28.1  | 12.3 | 60  | 0.05 | 29.4 | 13.1 |
| BRW108332 | Soil | 599090     | 7004706    | 07V      | 0.4 | 33.6  | 6.9  | 138 | 0.05 | 16.8 | 22.4 |
| BRW108333 | Soil | 599049     | 7004678    | 07V      | 1.1 | 13.9  | 14.1 | 113 | 0.05 | 13.1 | 11   |
| BRW108506 | Soil | 599961     | 7005134    | 07V      | 1.8 | 60    | 22.7 | 106 | 0.6  | 44.7 | 15.1 |
| BRW108506 | REP  | 599961     | 7005134    | 07V      | 1.7 | 56.7  | 22.4 | 102 | 0.5  | 43.3 | 14.2 |
| BRW108751 | Soil | 600143     | 7004900    | 07V      | 1.3 | 21    | 11.1 | 91  | 0.1  | 34.6 | 12.5 |
| BRW108752 | Soil | 600104     | 7004871    | 07V      | 1.8 | 48.6  | 17.8 | 109 | 0.3  | 41.7 | 14.1 |
| BRW108755 | Soil | 599986     | 7004776    | 07V      | 0.9 | 20.6  | 10.8 | 56  | 0.1  | 16.7 | 9.7  |
| BRW108763 | Soil | 599674     | 7004528    | 07V      | 1.6 | 20.5  | 9.9  | 96  | 0.05 | 15.7 | 12   |
| BRW108765 | Soil | 599593     | 7004468    | 07V      | 1.1 | 37    | 10.1 | 64  | 0.05 | 25.9 | 11.8 |
| BRW108767 | Soil | 599555     | 7004436    | 07V      | 0.4 | 17.9  | 3.5  | 67  | 0.05 | 14.4 | 19.5 |
| BRW108769 | Soil | 599477     | 7004376    | 07V      | 1.5 | 37.2  | 10.8 | 83  | 0.05 | 25.3 | 13   |
| BRW108770 | Soil | 599437     | 7004345    | 07V      | 0.5 | 21.5  | 9.1  | 117 | 0.05 | 17.3 | 18   |
| BRW90200  | Soil | 597362     | 7004886    | 07V      | 1.3 | 41.6  | 7.3  | 88  | 0.05 | 58.5 | 16.7 |
| BRW92274  | Soil | 595750     | 7005652    | 07V      | 0.7 | 37.6  | 9    | 66  | 0.05 | 22.5 | 15.3 |
| BRW92275  | Soil | 595790     | 7005683    | 07V      | 0.7 | 39    | 5.9  | 77  | 0.05 | 21.2 | 13.1 |
| BRW92276  | Soil | 595827     | 7005713    | 07V      | 0.4 | 40.6  | 1.9  | 58  | 0.05 | 31.1 | 18.3 |
| BRW92277  | Soil | 595827     | 7005713    | 07V      | 0.4 | 41    | 2.3  | 58  | 0.05 | 32   | 18.4 |
| BRW93563  | Soil | 595434     | 7005404    | 07V      | 3.6 | 178.6 | 2.8  | 101 | 0.05 | 44.2 | 35.3 |
| BRW93564  | Soil | 595473     | 7005436    | 07V      | 0.6 | 55.6  | 4.8  | 109 | 0.05 | 36.8 | 28.6 |
| BRW93564  | REP  | 595473     | 7005436    | 07V      | 0.6 | 54.4  | 4.9  | 106 | 0.05 | 36.1 | 27.6 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr | Mg   | Ba  |
|-----------|------|------|-------|-----|------|------|-----|------|------|------|-----|------|-------|----|----|------|-----|
| BRW108091 | 528  | 4.83 | 4.7   | 0.7 | 2.3  | 2.6  | 24  | 0.05 | 0.2  | 0.05 | 101 | 0.66 | 0.172 | 10 | 77 | 1.73 | 445 |
| BRW108092 | 369  | 4.83 | 3.6   | 0.4 | 0.8  | 9.9  | 14  | 0.1  | 0.1  | 0.05 | 94  | 0.25 | 0.06  | 18 | 63 | 1.39 | 296 |
| BRW108094 | 467  | 3.44 | 12.1  | 0.6 | 1.4  | 6.2  | 19  | 0.05 | 0.5  | 0.05 | 88  | 0.46 | 0.068 | 27 | 97 | 1.39 | 370 |
| BRW108095 | 706  | 5.12 | 3.7   | 0.6 | 4.9  | 12.9 | 13  | 0.05 | 0.2  | 0.05 | 91  | 0.63 | 0.132 | 37 | 40 | 1.55 | 438 |
| BRW108096 | 571  | 4.55 | 5.5   | 0.8 | 6.3  | 9.9  | 17  | 0.05 | 0.4  | 0.05 | 82  | 0.57 | 0.099 | 32 | 41 | 1.26 | 410 |
| BRW108272 | 403  | 4.04 | 8.8   | 0.6 | 2    | 3.4  | 16  | 0.05 | 0.5  | 0.05 | 92  | 0.35 | 0.1   | 11 | 46 | 1.04 | 350 |
| BRW108273 | 539  | 4.69 | 7.2   | 0.8 | 3.9  | 6.9  | 18  | 0.05 | 0.4  | 0.05 | 116 | 0.29 | 0.014 | 24 | 68 | 0.79 | 432 |
| BRW108274 | 732  | 4.4  | 20    | 1.1 | 6.4  | 12.3 | 39  | 0.2  | 0.7  | 0.05 | 74  | 2.64 | 0.032 | 28 | 38 | 0.32 | 353 |
| BRW108275 | 615  | 4.31 | 20.5  | 0.8 | 3.1  | 10.9 | 20  | 0.05 | 0.7  | 0.1  | 62  | 0.25 | 0.03  | 22 | 36 | 0.49 | 469 |
| BRW108276 | 351  | 3.86 | 6.8   | 0.2 | 5.4  | 5.3  | 19  | 0.05 | 0.2  | 0.05 | 60  | 0.21 | 0.02  | 10 | 81 | 1.17 | 595 |
| BRW108277 | 302  | 2.54 | 8.6   | 0.5 | 2.6  | 4.2  | 19  | 0.05 | 0.6  | 0.1  | 52  | 0.25 | 0.021 | 17 | 29 | 0.49 | 283 |
| BRW108278 | 373  | 3.01 | 16.8  | 0.6 | 3.4  | 5.1  | 29  | 0.05 | 0.6  | 0.1  | 64  | 0.51 | 0.046 | 17 | 35 | 0.65 | 301 |
| BRW108280 | 622  | 4.5  | 3.8   | 0.4 | 1.4  | 3    | 23  | 0.05 | 0.2  | 0.05 | 106 | 0.55 | 0.151 | 17 | 72 | 1.64 | 197 |
| BRW108281 | 564  | 3.11 | 6.5   | 0.8 | 0.5  | 4.6  | 18  | 0.05 | 0.3  | 0.1  | 68  | 0.4  | 0.049 | 19 | 32 | 0.67 | 229 |
| BRW108282 | 350  | 3.2  | 12    | 0.6 | 3.6  | 5.8  | 22  | 0.05 | 0.5  | 0.2  | 71  | 0.37 | 0.045 | 17 | 43 | 0.52 | 221 |
| BRW108283 | 520  | 3.26 | 6.6   | 0.5 | 0.25 | 10.2 | 19  | 0.05 | 0.4  | 0.2  | 56  | 0.33 | 0.076 | 28 | 29 | 0.74 | 218 |
| BRW108284 | 583  | 3.26 | 38.9  | 0.6 | 2    | 6.6  | 30  | 0.1  | 1.2  | 0.05 | 64  | 0.45 | 0.044 | 19 | 56 | 0.6  | 334 |
| BRW108288 | 1247 | 3.89 | 8.9   | 1.4 | 9.5  | 3.4  | 28  | 0.2  | 1    | 0.2  | 58  | 0.41 | 0.078 | 12 | 32 | 0.3  | 401 |
| BRW108289 | 327  | 2.47 | 7.5   | 0.4 | 0.25 | 3.2  | 25  | 0.05 | 0.4  | 0.1  | 60  | 0.46 | 0.011 | 10 | 33 | 0.36 | 273 |
| BRW108291 | 411  | 2.75 | 10.1  | 0.6 | 3.1  | 3.8  | 41  | 0.05 | 0.6  | 0.1  | 65  | 1.04 | 0.043 | 14 | 34 | 0.66 | 244 |
| BRW108292 | 345  | 2.89 | 8.8   | 0.7 | 3.2  | 3.8  | 24  | 0.05 | 0.8  | 0.2  | 57  | 0.38 | 0.02  | 13 | 38 | 0.47 | 207 |
| BRW108293 | 240  | 3.04 | 11.1  | 0.8 | 2.6  | 5    | 23  | 0.05 | 0.7  | 0.2  | 66  | 0.34 | 0.014 | 13 | 40 | 0.51 | 244 |
| BRW108294 | 310  | 2.8  | 13.6  | 0.7 | 9.4  | 4.1  | 39  | 0.05 | 0.8  | 0.1  | 61  | 1.8  | 0.03  | 16 | 36 | 0.53 | 226 |
| BRW108295 | 405  | 3.21 | 6.3   | 1   | 0.9  | 5.2  | 17  | 0.1  | 0.5  | 0.2  | 64  | 0.35 | 0.023 | 12 | 42 | 0.73 | 192 |
| BRW108296 | 488  | 4.62 | 28.8  | 2.2 | 10.5 | 9.6  | 19  | 0.2  | 1.4  | 0.2  | 96  | 0.38 | 0.059 | 32 | 51 | 0.8  | 320 |
| BRW108298 | 231  | 3.13 | 8.9   | 0.5 | 2.3  | 4.3  | 16  | 0.05 | 0.5  | 0.1  | 60  | 0.19 | 0.018 | 10 | 35 | 0.5  | 234 |
| BRW108299 | 447  | 2.31 | 7.9   | 3   | 6.1  | 1.9  | 52  | 0.2  | 0.9  | 0.1  | 42  | 1.88 | 0.073 | 13 | 26 | 0.45 | 481 |
| BRW108300 | 250  | 3.87 | 14.6  | 1.3 | 9.2  | 13.3 | 19  | 0.1  | 0.8  | 0.2  | 76  | 0.34 | 0.026 | 42 | 50 | 0.61 | 301 |
| BRW108301 | 232  | 2.53 | 8.1   | 0.4 | 1    | 3.8  | 16  | 0.1  | 0.5  | 0.1  | 54  | 0.21 | 0.021 | 10 | 30 | 0.41 | 263 |
| BRW108302 | 298  | 4.48 | 4.9   | 1.9 | 1.7  | 12.7 | 9   | 0.2  | 1.1  | 0.3  | 61  | 0.15 | 0.056 | 30 | 40 | 0.47 | 262 |
| BRW108309 | 421  | 2.24 | 7.1   | 0.7 | 4.3  | 2.1  | 39  | 0.4  | 0.8  | 0.1  | 38  | 0.96 | 0.055 | 10 | 25 | 0.48 | 232 |
| BRW108310 | 461  | 3.22 | 11.7  | 0.7 | 6.2  | 4.8  | 35  | 0.1  | 1.4  | 0.2  | 49  | 0.68 | 0.026 | 16 | 30 | 0.53 | 301 |
| BRW108312 | 635  | 3.4  | 115.9 | 1.4 | 5.8  | 4.1  | 37  | 0.2  | 7.7  | 0.2  | 56  | 0.99 | 0.04  | 14 | 38 | 0.45 | 372 |
| BRW108312 | 628  | 3.41 | 116.2 | 1.4 | 5.3  | 4.1  | 38  | 0.2  | 8.1  | 0.1  | 56  | 1.02 | 0.039 | 14 | 38 | 0.46 | 389 |
| BRW108313 | 389  | 3.05 | 175.4 | 1   | 8.4  | 4.1  | 43  | 0.3  | 29.5 | 0.2  | 48  | 1.28 | 0.079 | 13 | 30 | 0.53 | 257 |
| BRW108321 | 354  | 2.93 | 6     | 0.9 | 0.25 | 13.9 | 17  | 0.05 | 0.3  | 0.05 | 38  | 0.31 | 0.087 | 44 | 20 | 0.69 | 198 |
| BRW108322 | 310  | 3.45 | 7.2   | 0.9 | 1    | 5.7  | 18  | 0.05 | 0.4  | 0.05 | 62  | 0.29 | 0.047 | 14 | 27 | 0.72 | 191 |
| BRW108324 | 330  | 2.9  | 9.6   | 0.6 | 5.5  | 5.1  | 29  | 0.05 | 0.5  | 0.1  | 60  | 0.5  | 0.08  | 13 | 29 | 0.62 | 225 |
| BRW108326 | 420  | 4.49 | 6.2   | 1   | 7.9  | 5.9  | 16  | 0.05 | 0.4  | 0.05 | 76  | 0.46 | 0.123 | 24 | 28 | 0.85 | 214 |
| BRW108327 | 467  | 3.97 | 2.1   | 0.6 | 1.8  | 2.9  | 14  | 0.05 | 0.1  | 0.05 | 71  | 0.52 | 0.143 | 10 | 49 | 1.58 | 454 |
| BRW108328 | 457  | 2.76 | 10.9  | 0.7 | 2.2  | 3.6  | 35  | 0.2  | 0.6  | 0.1  | 52  | 0.6  | 0.061 | 15 | 29 | 0.57 | 392 |
| BRW108329 | 421  | 4.1  | 10.3  | 0.9 | 8    | 11.4 | 23  | 0.05 | 0.6  | 0.1  | 69  | 0.36 | 0.036 | 37 | 41 | 0.71 | 385 |
| BRW108330 | 403  | 3.28 | 19.1  | 1.3 | 4.4  | 7.4  | 23  | 0.05 | 1    | 0.2  | 66  | 0.42 | 0.025 | 28 | 37 | 0.46 | 522 |
| BRW108332 | 1209 | 6.72 | 2.8   | 0.4 | 2.4  | 4.1  | 16  | 0.05 | 0.2  | 0.05 | 114 | 0.65 | 0.116 | 16 | 66 | 2.16 | 474 |
| BRW108333 | 640  | 5.16 | 4.9   | 1.1 | 0.9  | 29.9 | 14  | 0.05 | 0.3  | 0.05 | 43  | 0.16 | 0.037 | 58 | 17 | 0.99 | 244 |
| BRW108506 | 556  | 3.72 | 10.2  | 3.8 | 15.1 | 15.4 | 35  | 0.3  | 1.3  | 0.4  | 40  | 0.54 | 0.122 | 47 | 30 | 0.34 | 593 |
| BRW108506 | 535  | 3.63 | 9.9   | 3.7 | 17.4 | 14.8 | 32  | 0.3  | 1.3  | 0.4  | 38  | 0.51 | 0.115 | 46 | 29 | 0.33 | 585 |
| BRW108751 | 317  | 3.58 | 8.9   | 0.9 | 4    | 4.8  | 20  | 0.1  | 0.4  | 0.3  | 79  | 0.37 | 0.042 | 13 | 61 | 0.8  | 245 |
| BRW108752 | 371  | 4.02 | 31.2  | 1.4 | 1.9  | 12   | 17  | 0.2  | 0.8  | 0.2  | 69  | 0.26 | 0.037 | 16 | 43 | 0.61 | 220 |
| BRW108755 | 218  | 2.57 | 94.6  | 1   | 2.9  | 3.3  | 12  | 0.2  | 4.2  | 0.2  | 37  | 0.1  | 0.031 | 10 | 17 | 0.18 | 161 |
| BRW108763 | 562  | 4.13 | 8.2   | 0.8 | 0.25 | 6.8  | 18  | 0.2  | 0.3  | 0.2  | 72  | 0.5  | 0.149 | 30 | 34 | 0.72 | 231 |
| BRW108765 | 371  | 3.39 | 10.6  | 1.4 | 3.3  | 7.3  | 29  | 0.05 | 0.5  | 0.1  | 71  | 0.48 | 0.067 | 23 | 45 | 0.59 | 285 |
| BRW108767 | 652  | 3.88 | 3.8   | 0.5 | 0.8  | 2.1  | 20  | 0.1  | 0.05 | 0.05 | 78  | 0.71 | 0.142 | 8  | 27 | 1.38 | 328 |
| BRW108769 | 398  | 3.8  | 8.3   | 0.9 | 5.1  | 10.8 | 20  | 0.05 | 0.4  | 0.1  | 71  | 0.27 | 0.046 | 29 | 39 | 0.77 | 378 |
| BRW108770 | 432  | 4.58 | 4.4   | 0.7 | 0.25 | 7.2  | 14  | 0.05 | 0.3  | 0.05 | 75  | 0.58 | 0.204 | 23 | 27 | 1.26 | 302 |
| BRW90200  | 470  | 4.96 | 2.9   | 1   | 5.4  | 15.1 | 13  | 0.1  | 0.2  | 0.05 | 70  | 0.14 | 0.035 | 32 | 61 | 0.82 | 323 |
| BRW92274  | 520  | 3.36 | 8     | 0.7 | 3.6  | 3.8  | 40  | 0.1  | 0.6  | 0.2  | 75  | 0.57 | 0.064 | 13 | 30 | 0.74 | 316 |
| BRW92275  | 526  | 4.77 | 14    | 1   | 1.5  | 11   | 32  | 0.05 | 0.5  | 0.05 | 66  | 0.62 | 0.069 | 26 | 28 | 0.88 | 414 |
| BRW92276  | 432  | 3.01 | 2.3   | 0.3 | 2.2  | 1.3  | 43  | 0.05 | 0.05 | 0.05 | 72  | 0.79 | 0.13  | 6  | 94 | 1.33 | 212 |
| BRW92277  | 448  | 3.04 | 2.7   | 0.3 | 1.7  | 1.4  | 42  | 0.05 | 0.1  | 0.05 | 74  | 0.79 | 0.132 | 6  | 98 | 1.37 | 216 |
| BRW93563  | 850  | 5.72 | 2.7   | 0.3 | 0.8  | 2.3  | 114 | 0.1  | 0.1  | 0.05 | 153 | 3.64 | 0.089 | 7  | 69 | 1.94 | 538 |
| BRW93564  | 902  | 5.93 | 4.8   | 0.6 | 2.6  | 5.1  | 57  | 0.05 | 0.6  | 0.05 | 138 | 1.1  | 0.159 | 11 | 56 | 2.23 | 245 |
| BRW93564  | 897  | 5.77 | 4.7   | 0.5 | 1.3  | 5.1  | 56  | 0.1  | 0.6  | 0.05 | 138 | 1.07 | 0.158 | 11 | 55 | 2.13 | 248 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW108091 | 0.164 | 1   | 3.04 | 0.013 | 1.14 | 0.05 | 0.005 | 5.2  | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW108092 | 0.251 | 0.5 | 2.9  | 0.01  | 1.36 | 0.05 | 0.005 | 5.3  | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000124 |
| BRW108094 | 0.13  | 1   | 2.08 | 0.012 | 0.62 | 0.05 | 0.04  | 6.1  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108095 | 0.237 | 0.5 | 2.79 | 0.014 | 1.6  | 0.05 | 0.05  | 9.9  | 0.6  | 0.025 | 11 | 0.7  | 1DX15  | WHI10000124 |
| BRW108096 | 0.193 | 0.5 | 2.47 | 0.016 | 1.14 | 0.1  | 0.06  | 9.5  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000124 |
| BRW108272 | 0.169 | 0.5 | 2.24 | 0.009 | 0.84 | 0.1  | 0.01  | 8.1  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW108273 | 0.205 | 0.5 | 2.03 | 0.008 | 0.87 | 0.05 | 0.02  | 9.3  | 0.3  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000124 |
| BRW108274 | 0.033 | 3   | 0.9  | 0.006 | 0.3  | 0.05 | 0.07  | 7.7  | 0.2  | 0.025 | 3  | 0.7  | 1DX15  | WHI10000124 |
| BRW108275 | 0.096 | 2   | 1.6  | 0.009 | 0.43 | 0.1  | 0.02  | 8.4  | 0.3  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000124 |
| BRW108276 | 0.234 | 0.5 | 2.35 | 0.012 | 0.77 | 0.05 | 0.005 | 4.2  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW108277 | 0.093 | 1   | 1.41 | 0.012 | 0.15 | 0.05 | 0.03  | 3.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108278 | 0.102 | 2   | 1.6  | 0.023 | 0.11 | 0.2  | 0.03  | 5.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108280 | 0.227 | 0.5 | 2.65 | 0.02  | 1.06 | 0.05 | 0.01  | 5.8  | 0.6  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000124 |
| BRW108281 | 0.118 | 1   | 1.87 | 0.015 | 0.3  | 0.5  | 0.02  | 4.6  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW108282 | 0.114 | 2   | 1.84 | 0.014 | 0.25 | 0.1  | 0.02  | 6    | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW108283 | 0.137 | 0.5 | 1.96 | 0.01  | 0.63 | 0.05 | 0.005 | 5.5  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108284 | 0.062 | 2   | 1.45 | 0.012 | 0.29 | 0.05 | 0.04  | 6.9  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108288 | 0.038 | 3   | 1.61 | 0.009 | 0.18 | 0.2  | 0.04  | 8.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108289 | 0.058 | 1   | 1.72 | 0.012 | 0.09 | 0.1  | 0.02  | 3.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108291 | 0.091 | 3   | 1.53 | 0.03  | 0.11 | 0.2  | 0.04  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108292 | 0.073 | 3   | 1.55 | 0.019 | 0.12 | 0.1  | 0.04  | 5.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108293 | 0.077 | 2   | 1.83 | 0.014 | 0.1  | 0.1  | 0.02  | 5.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108294 | 0.081 | 2   | 1.52 | 0.019 | 0.09 | 0.2  | 0.1   | 5.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108295 | 0.123 | 1   | 1.66 | 0.014 | 0.49 | 0.2  | 0.02  | 4.9  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108296 | 0.153 | 2   | 1.91 | 0.014 | 0.68 | 0.1  | 0.09  | 7.2  | 0.5  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000124 |
| BRW108298 | 0.104 | 2   | 1.76 | 0.011 | 0.23 | 0.1  | 0.01  | 5.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108299 | 0.042 | 6   | 1.06 | 0.015 | 0.15 | 0.1  | 0.14  | 4    | 0.1  | 0.08  | 3  | 0.8  | 1DX15  | WHI10000124 |
| BRW108300 | 0.131 | 2   | 2.14 | 0.011 | 0.47 | 0.1  | 0.06  | 7.3  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW108301 | 0.078 | 1   | 1.31 | 0.01  | 0.15 | 0.1  | 0.01  | 2.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108302 | 0.104 | 1   | 1.48 | 0.006 | 0.58 | 0.05 | 0.03  | 4.6  | 0.4  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000124 |
| BRW108309 | 0.048 | 5   | 1.06 | 0.016 | 0.11 | 0.2  | 0.06  | 3    | 0.05 | 0.08  | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108310 | 0.031 | 2   | 1.35 | 0.032 | 0.2  | 0.1  | 0.05  | 5.5  | 0.1  | 0.025 | 4  | 1    | 1DX15  | WHI10000124 |
| BRW108312 | 0.041 | 2   | 1.27 | 0.017 | 0.13 | 0.2  | 0.1   | 6.9  | 0.2  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000124 |
| BRW108312 | 0.043 | 3   | 1.31 | 0.015 | 0.13 | 0.2  | 0.1   | 6.9  | 0.2  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000124 |
| BRW108313 | 0.039 | 2   | 1.01 | 0.02  | 0.1  | 0.2  | 0.47  | 4.9  | 1.5  | 0.025 | 3  | 1    | 1DX15  | WHI10000124 |
| BRW108321 | 0.145 | 1   | 1.78 | 0.009 | 0.57 | 0.05 | 0.005 | 3    | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000124 |
| BRW108322 | 0.138 | 1   | 1.92 | 0.011 | 0.46 | 0.1  | 0.01  | 4.3  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW108324 | 0.089 | 2   | 1.63 | 0.019 | 0.22 | 0.1  | 0.02  | 5.1  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000124 |
| BRW108326 | 0.157 | 0.5 | 2.27 | 0.011 | 0.97 | 0.05 | 0.03  | 8.7  | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW108327 | 0.203 | 0.5 | 2.43 | 0.013 | 1.13 | 0.05 | 0.01  | 4.6  | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW108328 | 0.071 | 5   | 1.44 | 0.033 | 0.07 | 0.1  | 0.03  | 3.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000124 |
| BRW108329 | 0.155 | 1   | 2.26 | 0.014 | 0.58 | 0.1  | 0.03  | 8    | 0.3  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000124 |
| BRW108330 | 0.057 | 1   | 1.61 | 0.012 | 0.12 | 0.1  | 0.03  | 6.8  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW108332 | 0.244 | 1   | 3.41 | 0.012 | 1.29 | 0.05 | 0.02  | 14.6 | 0.4  | 0.025 | 14 | 0.6  | 1DX15  | WHI10000124 |
| BRW108333 | 0.305 | 2   | 2.4  | 0.01  | 1.42 | 0.05 | 0.005 | 9.2  | 0.7  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000124 |
| BRW108506 | 0.033 | 3   | 1.11 | 0.007 | 0.38 | 0.05 | 0.29  | 6.8  | 0.3  | 0.025 | 4  | 1.2  | 1DX15  | WHI10000124 |
| BRW108506 | 0.033 | 3   | 1.07 | 0.008 | 0.36 | 0.05 | 0.29  | 6.3  | 0.2  | 0.025 | 3  | 1.4  | 1DX15  | WHI10000124 |
| BRW108751 | 0.146 | 1   | 2.12 | 0.012 | 0.49 | 0.1  | 0.005 | 3.9  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108752 | 0.135 | 2   | 1.72 | 0.008 | 0.58 | 0.1  | 0.01  | 4.4  | 0.7  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000124 |
| BRW108755 | 0.015 | 2   | 0.82 | 0.009 | 0.05 | 0.1  | 2.96  | 4    | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000124 |
| BRW108763 | 0.152 | 2   | 2.26 | 0.009 | 0.8  | 0.1  | 0.01  | 6.5  | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW108765 | 0.128 | 2   | 1.99 | 0.02  | 0.2  | 0.1  | 0.04  | 7.1  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108767 | 0.107 | 0.5 | 2.18 | 0.02  | 0.57 | 0.05 | 0.02  | 8.8  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108769 | 0.148 | 2   | 2.28 | 0.013 | 0.44 | 0.1  | 0.02  | 5.3  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW108770 | 0.208 | 0.5 | 2.64 | 0.012 | 1.52 | 0.05 | 0.005 | 6.4  | 0.6  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000124 |
| BRW90200  | 0.126 | 2   | 2.19 | 0.008 | 0.79 | 0.05 | 0.01  | 6.5  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW92274  | 0.11  | 1   | 1.85 | 0.032 | 0.13 | 0.1  | 0.03  | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW92275  | 0.122 | 1   | 2.21 | 0.012 | 0.36 | 0.05 | 0.09  | 9    | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000124 |
| BRW92276  | 0.08  | 0.5 | 1.79 | 0.028 | 0.08 | 0.05 | 0.01  | 7.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW92277  | 0.073 | 0.5 | 1.8  | 0.024 | 0.08 | 0.05 | 0.02  | 7.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW93563  | 0.148 | 3   | 3.42 | 0.067 | 0.63 | 0.05 | 0.02  | 13.6 | 0.1  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000124 |
| BRW93564  | 0.055 | 3   | 3.28 | 0.024 | 0.1  | 0.05 | 0.02  | 14.1 | 0.05 | 0.025 | 12 | 0.25 | 1DX15  | WHI10000124 |
| BRW93564  | 0.054 | 3   | 3.22 | 0.024 | 0.11 | 0.05 | 0.01  | 14   | 0.05 | 0.025 | 12 | 0.25 | 1DX15  | WHI10000124 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb    | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|-------|-------|-----|------|------|------|
| BRW93565  | Soil | 595512     | 7005466    | 07V      | 1.2 | 32.1  | 5.3   | 165 | 0.05 | 50.5 | 20.6 |
| BRW93742  | Soil | 596828     | 7004845    | 07V      | 1.5 | 40.9  | 10    | 87  | 0.1  | 37.2 | 13.7 |
| BRW93746  | Soil | 596671     | 7004722    | 07V      | 0.2 | 95.8  | 3.2   | 53  | 0.05 | 40.9 | 19.9 |
| BRW93746  | REP  | 596671     | 7004722    | 07V      | 0.2 | 94.2  | 3.3   | 51  | 0.05 | 40.8 | 19.8 |
| BRW93980  | Soil | 597480     | 7004979    | 07V      | 7.6 | 76.6  | 9.2   | 360 | 0.05 | 30.9 | 16   |
| BRW100041 | Soil | 599766     | 7001810    | 07V      | 0.3 | 58.3  | 1.4   | 75  | 0.05 | 8.1  | 23.7 |
| BRW100046 | Soil | 599963     | 7001964    | 07V      | 0.4 | 42.8  | 2.2   | 116 | 0.05 | 59.4 | 27.2 |
| BRW100047 | Soil | 600002     | 7001995    | 07V      | 0.3 | 40.7  | 3.6   | 71  | 0.05 | 51.5 | 21.8 |
| BRW100054 | Soil | 600200     | 7002149    | 07V      | 1.6 | 28.9  | 11.4  | 69  | 0.05 | 27.8 | 4.9  |
| BRW100054 | REP  | 600200     | 7002149    | 07V      | 1.4 | 28.5  | 11.6  | 68  | 0.05 | 28.6 | 4.9  |
| BRW100056 | Soil | 600279     | 7002211    | 07V      | 0.6 | 70.9  | 5.8   | 48  | 0.05 | 57.5 | 26.4 |
| BRW101250 | Soil | 599618     | 7003218    | 07V      | 0.6 | 48.3  | 11.1  | 76  | 0.05 | 59.2 | 16.8 |
| BRW101279 | Soil | 599122     | 7002068    | 07V      | 0.2 | 103.8 | 14.9  | 64  | 0.05 | 22.9 | 20.7 |
| BRW101284 | Soil | 599320     | 7002223    | 07V      | 0.5 | 70.6  | 4     | 48  | 0.05 | 20   | 16.5 |
| BRW101454 | Soil | 600678     | 7002269    | 07V      | 0.3 | 38    | 8.8   | 47  | 0.05 | 27   | 14.5 |
| BRW101455 | Soil | 600719     | 7002298    | 07V      | 0.4 | 26.9  | 6.3   | 48  | 0.05 | 23.5 | 10.8 |
| BRW102775 | Soil | 599773     | 7001562    | 07V      | 0.8 | 45    | 2.8   | 49  | 0.05 | 19.6 | 12.8 |
| BRW104092 | Soil | 600294     | 7005522    | 07V      | 1.5 | 27.7  | 12    | 72  | 0.3  | 27   | 10.9 |
| BRW104096 | Soil | 600136     | 7005397    | 07V      | 1.6 | 30.2  | 20.6  | 97  | 0.2  | 30.1 | 13.9 |
| BRW104099 | Soil | 600019     | 7005306    | 07V      | 1.6 | 38.3  | 16    | 101 | 0.4  | 33.1 | 12.2 |
| BRW104124 | Soil | 600695     | 7004438    | 07V      | 0.6 | 12.8  | 14    | 27  | 0.05 | 10.3 | 2.9  |
| BRW104125 | Soil | 600655     | 7004408    | 07V      | 1.1 | 24.7  | 16.2  | 54  | 0.05 | 20.3 | 8.6  |
| BRW104126 | Soil | 600618     | 7004378    | 07V      | 1.2 | 43.5  | 19.1  | 75  | 0.1  | 30.5 | 11.3 |
| BRW104129 | Soil | 600499     | 7004287    | 07V      | 1.5 | 31.6  | 23    | 72  | 0.05 | 30.1 | 8.7  |
| BRW104130 | Soil | 600458     | 7004255    | 07V      | 1.3 | 39.4  | 15.6  | 74  | 0.05 | 39.5 | 10.1 |
| BRW104131 | Soil | 600417     | 7004223    | 07V      | 1.9 | 46.9  | 40.2  | 110 | 0.05 | 40.2 | 11.5 |
| BRW104131 | REP  | 600417     | 7004223    | 07V      | 1.9 | 45.7  | 40.7  | 107 | 0.05 | 38   | 10.7 |
| BRW104132 | Soil | 600378     | 7004193    | 07V      | 2.5 | 69.3  | 29    | 149 | 0.1  | 62.1 | 18.6 |
| BRW104134 | Soil | 600300     | 7004133    | 07V      | 2.5 | 52.2  | 12.8  | 67  | 0.1  | 37.5 | 13.2 |
| BRW104135 | Soil | 600259     | 7004101    | 07V      | 1.9 | 41.3  | 18    | 89  | 0.1  | 34.8 | 13.1 |
| BRW104143 | Soil | 599949     | 7003855    | 07V      | 2.1 | 17    | 10    | 75  | 0.1  | 19.1 | 11.1 |
| BRW104144 | Soil | 599905     | 7003825    | 07V      | 1.4 | 20.6  | 11.4  | 80  | 0.05 | 23.8 | 12.9 |
| BRW104146 | Soil | 599830     | 7003762    | 07V      | 2.2 | 36.1  | 10.5  | 100 | 0.2  | 34.6 | 17.3 |
| BRW104148 | Soil | 599788     | 7003731    | 07V      | 2   | 37.4  | 10.7  | 107 | 0.1  | 31.8 | 20.8 |
| BRW104332 | Soil | 599615     | 7001437    | 07V      | 0.9 | 64.3  | 7.7   | 68  | 0.1  | 33.2 | 19   |
| BRW104374 | Soil | 601095     | 7004497    | 07V      | 0.6 | 31.2  | 16.4  | 106 | 0.1  | 41.4 | 11.1 |
| BRW104375 | Soil | 601055     | 7004466    | 07V      | 0.7 | 31.3  | 10.4  | 71  | 0.1  | 30.9 | 10.1 |
| BRW104376 | Soil | 601012     | 7004434    | 07V      | 1   | 30.7  | 9.8   | 60  | 0.1  | 28.9 | 10   |
| BRW104378 | Soil | 600937     | 7004373    | 07V      | 1.4 | 22.8  | 9.3   | 86  | 0.1  | 27.9 | 12.1 |
| BRW104379 | Soil | 600896     | 7004342    | 07V      | 1.3 | 38.5  | 18    | 137 | 0.05 | 52.5 | 18.2 |
| BRW104381 | Soil | 600816     | 7004282    | 07V      | 2.7 | 61.4  | 112.8 | 203 | 0.3  | 82.8 | 14.6 |
| BRW104382 | Soil | 600779     | 7004252    | 07V      | 5.3 | 37.4  | 81.3  | 185 | 0.2  | 58.9 | 11.5 |
| BRW104383 | Soil | 600738     | 7004220    | 07V      | 3.1 | 50.4  | 23    | 105 | 0.1  | 40.5 | 19.1 |
| BRW104384 | Soil | 600700     | 7004190    | 07V      | 1.1 | 47    | 14.1  | 85  | 0.1  | 36.3 | 13.7 |
| BRW104385 | Soil | 600660     | 7004157    | 07V      | 0.8 | 45.3  | 13.3  | 94  | 0.1  | 30.5 | 13.4 |
| BRW104386 | Soil | 600621     | 7004129    | 07V      | 1.6 | 42.7  | 19.4  | 101 | 0.05 | 37.4 | 10.8 |
| BRW104388 | Soil | 600541     | 7004066    | 07V      | 1.4 | 50.6  | 17.8  | 61  | 0.05 | 30.3 | 10.9 |
| BRW104390 | Soil | 600463     | 7004005    | 07V      | 1.5 | 55.2  | 14.9  | 76  | 0.1  | 36.2 | 12.4 |
| BRW104391 | Soil | 600424     | 7003973    | 07V      | 1.7 | 43    | 11.7  | 70  | 0.2  | 29.3 | 10.6 |
| BRW104394 | Soil | 600307     | 7003883    | 07V      | 2.1 | 43.2  | 16.1  | 150 | 0.05 | 78.2 | 20   |
| BRW104400 | Soil | 600110     | 7003729    | 07V      | 1.6 | 47    | 8     | 80  | 0.4  | 33.8 | 14.6 |
| BRW104402 | Soil | 600032     | 7003667    | 07V      | 2   | 36.2  | 7.6   | 72  | 0.1  | 32.9 | 17.4 |
| BRW104403 | Soil | 599992     | 7003636    | 07V      | 3.7 | 54.8  | 9.5   | 96  | 0.05 | 57.8 | 24.6 |
| BRW104405 | Soil | 599913     | 7003574    | 07V      | 3.4 | 67.6  | 13.8  | 134 | 0.2  | 55.5 | 24.4 |
| BRW104431 | Soil | 599971     | 7001714    | 07V      | 1.7 | 20.2  | 4.8   | 75  | 0.05 | 7.2  | 11.6 |
| BRW104433 | Soil | 600010     | 7001745    | 07V      | 1.7 | 102   | 4.9   | 108 | 0.1  | 40.3 | 23.6 |
| BRW104447 | Soil | 600562     | 7002174    | 07V      | 1   | 24.7  | 11.4  | 57  | 0.2  | 21.8 | 9.2  |
| BRW104448 | Soil | 600598     | 7002207    | 07V      | 0.8 | 30.6  | 8.5   | 64  | 0.2  | 24.9 | 10.6 |
| BRW104449 | Soil | 600638     | 7002236    | 07V      | 0.5 | 39.6  | 5.8   | 36  | 0.05 | 43   | 14.7 |
| BRW104450 | Soil | 600678     | 7002269    | 07V      | 0.3 | 39.6  | 7.8   | 51  | 0.05 | 28.6 | 15.2 |
| BRW108156 | Soil | 601032     | 7004577    | 07V      | 1.6 | 48.4  | 12.4  | 97  | 0.05 | 41.2 | 13.7 |
| BRW108157 | Soil | 600993     | 7004545    | 07V      | 0.7 | 30.1  | 21.4  | 159 | 0.1  | 59.8 | 6.9  |
| BRW108158 | Soil | 600954     | 7004514    | 07V      | 1.5 | 32.4  | 16    | 70  | 0.05 | 31.7 | 10.4 |

| SampleID  | Mn  | Fe   | As_   | U    | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|-----|------|-------|------|------|------|-----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW93565  | 620 | 5.82 | 6.8   | 1.1  | 0.9  | 12.7 | 43  | 0.1  | 0.3  | 0.05 | 115 | 0.76 | 0.062 | 26 | 116 | 1.83 | 719 |
| BRW93742  | 513 | 2.83 | 34    | 1.6  | 2.8  | 4.1  | 45  | 0.5  | 1    | 0.1  | 76  | 0.91 | 0.094 | 15 | 40  | 0.7  | 336 |
| BRW93746  | 327 | 3.09 | 2.5   | 0.3  | 0.7  | 2.2  | 60  | 0.05 | 0.1  | 0.05 | 86  | 1.11 | 0.103 | 7  | 95  | 1.34 | 174 |
| BRW93746  | 326 | 3.07 | 2.2   | 0.3  | 0.9  | 2.2  | 60  | 0.05 | 0.2  | 0.05 | 88  | 1.1  | 0.1   | 7  | 94  | 1.31 | 177 |
| BRW93980  | 323 | 5.19 | 13.7  | 0.9  | 34.3 | 9.6  | 13  | 0.1  | 0.5  | 0.05 | 45  | 0.07 | 0.016 | 34 | 21  | 0.18 | 161 |
| BRW100041 | 403 | 7.86 | 1.9   | 0.5  | 1.2  | 1.3  | 225 | 0.05 | 0.1  | 0.05 | 278 | 3.53 | 1.435 | 12 | 12  | 1.5  | 165 |
| BRW100046 | 557 | 7.01 | 2.2   | 1.2  | 0.25 | 17.4 | 65  | 0.05 | 0.05 | 0.05 | 121 | 0.99 | 0.165 | 45 | 89  | 2.08 | 700 |
| BRW100047 | 567 | 4.1  | 0.25  | 1.1  | 0.8  | 8.3  | 48  | 0.05 | 0.05 | 0.05 | 82  | 1.17 | 0.089 | 18 | 151 | 1.88 | 259 |
| BRW100054 | 190 | 2.84 | 0.25  | 2    | 1.7  | 16.9 | 13  | 0.05 | 0.05 | 0.05 | 25  | 0.1  | 0.035 | 68 | 18  | 0.13 | 121 |
| BRW100054 | 188 | 2.83 | 0.25  | 2    | 2.5  | 16.6 | 13  | 0.05 | 0.05 | 0.05 | 25  | 0.09 | 0.035 | 66 | 18  | 0.13 | 117 |
| BRW100056 | 346 | 2.89 | 1     | 1    | 1.7  | 5.4  | 32  | 0.05 | 0.05 | 0.05 | 73  | 0.74 | 0.147 | 14 | 68  | 1.12 | 178 |
| BRW101250 | 328 | 2.7  | 3.7   | 0.9  | 0.5  | 5.5  | 51  | 0.05 | 0.2  | 0.1  | 70  | 1.08 | 0.114 | 14 | 74  | 1.32 | 131 |
| BRW101279 | 544 | 4    | 3.4   | 0.4  | 0.25 | 1.7  | 94  | 0.05 | 0.3  | 0.05 | 108 | 1.75 | 0.069 | 5  | 33  | 1.52 | 95  |
| BRW101284 | 334 | 2.85 | 3.5   | 0.2  | 0.25 | 1    | 37  | 0.05 | 0.2  | 0.05 | 77  | 0.69 | 0.052 | 3  | 27  | 1.14 | 126 |
| BRW101454 | 281 | 2.35 | 3     | 0.6  | 1.1  | 7.1  | 38  | 0.05 | 0.1  | 0.05 | 76  | 1.05 | 0.121 | 18 | 35  | 0.95 | 118 |
| BRW101455 | 294 | 2.3  | 5.9   | 0.6  | 3.1  | 3.4  | 31  | 0.05 | 0.3  | 0.1  | 64  | 0.71 | 0.105 | 12 | 30  | 0.73 | 177 |
| BRW102775 | 374 | 1.82 | 2.7   | 0.05 | 1.2  | 0.7  | 51  | 0.05 | 0.1  | 0.05 | 52  | 0.54 | 0.04  | 2  | 30  | 1.03 | 142 |
| BRW104092 | 627 | 3.07 | 11.1  | 2.3  | 3.8  | 5.1  | 30  | 0.2  | 0.6  | 0.2  | 54  | 0.78 | 0.061 | 27 | 32  | 0.48 | 335 |
| BRW104096 | 463 | 3.96 | 7.3   | 2.1  | 5.5  | 9.3  | 21  | 0.2  | 0.5  | 0.4  | 51  | 0.29 | 0.079 | 28 | 29  | 0.4  | 263 |
| BRW104099 | 516 | 3.61 | 9.4   | 4.5  | 10.1 | 9    | 32  | 0.3  | 0.6  | 0.5  | 56  | 0.64 | 0.075 | 44 | 32  | 0.58 | 340 |
| BRW104124 | 71  | 1.25 | 15.2  | 1    | 3.3  | 4.9  | 14  | 0.1  | 1.1  | 0.1  | 32  | 0.1  | 0.011 | 13 | 12  | 0.1  | 142 |
| BRW104125 | 336 | 2.36 | 14.4  | 1.6  | 4.2  | 4.8  | 29  | 0.1  | 1    | 0.2  | 58  | 0.36 | 0.031 | 16 | 33  | 0.42 | 305 |
| BRW104126 | 406 | 2.91 | 23.4  | 2.2  | 3.3  | 5.1  | 34  | 0.2  | 1.3  | 0.2  | 63  | 0.4  | 0.036 | 17 | 34  | 0.47 | 358 |
| BRW104129 | 303 | 2.9  | 41.5  | 1.1  | 2.2  | 5.1  | 23  | 0.1  | 2    | 0.2  | 66  | 0.23 | 0.024 | 14 | 39  | 0.37 | 216 |
| BRW104130 | 311 | 3.33 | 30.9  | 2.3  | 3.6  | 5.8  | 34  | 0.05 | 1.4  | 0.2  | 64  | 0.42 | 0.033 | 17 | 46  | 0.55 | 417 |
| BRW104131 | 245 | 3.61 | 92.6  | 2.2  | 3.4  | 8    | 17  | 0.2  | 3.2  | 0.2  | 69  | 0.12 | 0.036 | 21 | 41  | 0.34 | 202 |
| BRW104131 | 235 | 3.52 | 90.5  | 2.2  | 3.5  | 8.2  | 17  | 0.1  | 3.2  | 0.2  | 67  | 0.12 | 0.034 | 22 | 39  | 0.35 | 205 |
| BRW104132 | 429 | 5.82 | 119.2 | 4    | 16.3 | 10.4 | 25  | 0.3  | 3.1  | 0.3  | 93  | 0.2  | 0.047 | 27 | 47  | 0.34 | 341 |
| BRW104134 | 402 | 2.98 | 20    | 1.8  | 8.9  | 7.2  | 28  | 0.1  | 1.1  | 0.2  | 67  | 0.3  | 0.02  | 23 | 51  | 0.53 | 409 |
| BRW104135 | 549 | 3.47 | 18.4  | 1.1  | 19.6 | 5.9  | 25  | 0.2  | 1.1  | 0.3  | 73  | 0.26 | 0.037 | 14 | 46  | 0.5  | 355 |
| BRW104143 | 371 | 4.03 | 4.8   | 0.8  | 0.7  | 6.4  | 28  | 0.1  | 0.4  | 0.1  | 68  | 0.58 | 0.04  | 17 | 31  | 0.76 | 200 |
| BRW104144 | 469 | 2.95 | 11.4  | 1.1  | 3.1  | 5.5  | 42  | 0.2  | 0.5  | 0.1  | 60  | 0.9  | 0.075 | 19 | 35  | 0.74 | 252 |
| BRW104146 | 632 | 4.11 | 12.6  | 1.8  | 6.2  | 11.4 | 44  | 0.3  | 0.7  | 0.05 | 75  | 1.09 | 0.098 | 45 | 54  | 1.11 | 481 |
| BRW104148 | 707 | 5.32 | 16.7  | 1.3  | 0.9  | 11.1 | 27  | 0.2  | 0.5  | 0.05 | 103 | 0.75 | 0.103 | 47 | 50  | 1.16 | 446 |
| BRW104332 | 492 | 3.94 | 6.2   | 0.3  | 1.2  | 2    | 60  | 0.05 | 0.3  | 0.05 | 110 | 1.2  | 0.077 | 6  | 53  | 1.34 | 235 |
| BRW104374 | 379 | 2.71 | 32    | 0.7  | 2.2  | 3    | 47  | 0.7  | 1.2  | 0.2  | 51  | 5.22 | 0.075 | 16 | 30  | 1.2  | 193 |
| BRW104375 | 526 | 2.52 | 10.9  | 0.8  | 4.5  | 2.6  | 44  | 0.4  | 0.6  | 0.2  | 52  | 2.47 | 0.053 | 16 | 30  | 0.92 | 287 |
| BRW104376 | 275 | 2.94 | 7.7   | 0.9  | 5.7  | 3.9  | 27  | 0.2  | 0.6  | 0.2  | 63  | 0.85 | 0.027 | 16 | 35  | 0.47 | 313 |
| BRW104378 | 609 | 3.48 | 4.1   | 0.9  | 0.25 | 5.2  | 26  | 0.1  | 0.4  | 0.2  | 51  | 0.37 | 0.101 | 20 | 29  | 0.32 | 467 |
| BRW104379 | 506 | 4.82 | 6.4   | 2.2  | 2.2  | 13.9 | 21  | 0.2  | 0.5  | 0.3  | 61  | 0.25 | 0.089 | 36 | 46  | 0.35 | 228 |
| BRW104381 | 668 | 3.58 | 103.7 | 2.3  | 12.6 | 8.8  | 23  | 4.1  | 3.4  | 0.2  | 52  | 1.24 | 0.11  | 38 | 50  | 0.23 | 192 |
| BRW104382 | 465 | 3.56 | 158   | 3.5  | 11.6 | 7.1  | 17  | 2.5  | 5.4  | 0.2  | 34  | 0.15 | 0.057 | 23 | 27  | 0.13 | 140 |
| BRW104383 | 708 | 4.13 | 48.9  | 2.1  | 3.3  | 7.2  | 19  | 0.1  | 1.3  | 0.3  | 64  | 0.19 | 0.06  | 30 | 52  | 0.6  | 216 |
| BRW104384 | 457 | 3.61 | 29.9  | 2.1  | 4.2  | 7.5  | 24  | 0.1  | 1.1  | 0.2  | 68  | 0.35 | 0.063 | 25 | 55  | 1    | 325 |
| BRW104385 | 495 | 4.29 | 19.4  | 2.1  | 7.3  | 8.3  | 25  | 0.1  | 0.9  | 0.3  | 84  | 0.39 | 0.068 | 32 | 82  | 1.11 | 366 |
| BRW104386 | 307 | 3.39 | 15.4  | 2    | 5.2  | 7.3  | 31  | 0.3  | 0.9  | 0.2  | 73  | 0.43 | 0.067 | 25 | 50  | 0.62 | 352 |
| BRW104388 | 257 | 2.67 | 18.5  | 1.6  | 3.5  | 5.7  | 39  | 0.1  | 0.9  | 0.2  | 64  | 0.32 | 0.033 | 22 | 35  | 0.39 | 307 |
| BRW104390 | 397 | 3.43 | 17    | 1.5  | 7.6  | 5.9  | 36  | 0.1  | 0.9  | 0.2  | 70  | 0.44 | 0.048 | 20 | 42  | 0.57 | 392 |
| BRW104391 | 490 | 3.02 | 17.3  | 1.5  | 2.6  | 5    | 29  | 0.1  | 0.8  | 0.2  | 66  | 0.37 | 0.036 | 20 | 38  | 0.5  | 343 |
| BRW104394 | 468 | 4.79 | 7.9   | 1.8  | 4.5  | 12.2 | 24  | 0.05 | 0.3  | 0.2  | 108 | 0.38 | 0.074 | 43 | 151 | 2.19 | 512 |
| BRW104400 | 797 | 3.49 | 8.7   | 1.7  | 4.8  | 7.9  | 34  | 0.2  | 0.3  | 0.1  | 65  | 0.66 | 0.086 | 41 | 39  | 0.77 | 336 |
| BRW104402 | 524 | 3.55 | 8.8   | 1    | 2.5  | 6.2  | 34  | 0.2  | 0.3  | 0.1  | 65  | 0.67 | 0.04  | 28 | 43  | 0.91 | 310 |
| BRW104403 | 665 | 5.38 | 15.9  | 0.7  | 11.3 | 8.7  | 20  | 0.1  | 0.5  | 0.05 | 70  | 0.25 | 0.044 | 23 | 55  | 0.9  | 354 |
| BRW104405 | 804 | 5.04 | 6.3   | 1.2  | 4.9  | 15.9 | 22  | 0.2  | 0.5  | 0.05 | 94  | 0.67 | 0.141 | 41 | 55  | 1.14 | 290 |
| BRW104431 | 579 | 5.06 | 2.9   | 0.4  | 0.25 | 2.5  | 80  | 0.05 | 0.2  | 0.05 | 44  | 0.64 | 0.075 | 7  | 12  | 0.67 | 298 |
| BRW104433 | 826 | 6.68 | 11.8  | 1.6  | 0.6  | 9.5  | 75  | 0.3  | 0.1  | 0.05 | 121 | 1.61 | 0.104 | 28 | 71  | 2.12 | 766 |
| BRW104447 | 191 | 2.45 | 6.7   | 1.3  | 11.9 | 5.2  | 26  | 0.05 | 0.3  | 0.1  | 52  | 0.33 | 0.051 | 23 | 31  | 0.47 | 231 |
| BRW104448 | 452 | 2.48 | 7.5   | 1.1  | 2.3  | 4    | 31  | 0.2  | 0.3  | 0.1  | 50  | 0.55 | 0.057 | 17 | 32  | 0.57 | 264 |
| BRW104449 | 257 | 2.22 | 4.2   | 0.5  | 1.3  | 2.3  | 28  | 0.05 | 0.2  | 0.05 | 58  | 0.82 | 0.1   | 7  | 30  | 0.76 | 159 |
| BRW104450 | 307 | 2.47 | 3.3   | 0.7  | 2.8  | 6.2  | 39  | 0.05 | 0.1  | 0.05 | 82  | 0.96 | 0.129 | 18 | 39  | 1.1  | 133 |
| BRW108156 | 434 | 4.14 | 13.4  | 2.1  | 3.4  | 14.4 | 26  | 0.2  | 0.8  | 0.3  | 43  | 0.39 | 0.048 | 32 | 25  | 0.28 | 181 |
| BRW108157 | 965 | 1.92 | 18    | 1.7  | 1.2  | 5.2  | 57  | 0.9  | 0.8  | 0.2  | 45  | 6.62 | 0.156 | 21 | 34  | 1.11 | 201 |
| BRW108158 | 327 | 3.13 | 10.2  | 1.6  | 3.4  | 8.7  | 22  | 0.05 | 0.7  | 0.3  | 53  | 0.31 | 0.037 | 23 | 38  | 0.37 | 224 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW93565  | 0.233 | 2   | 3.76 | 0.043 | 1.26 | 0.05 | 0.01  | 9.3  | 0.3  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000124 |
| BRW93742  | 0.082 | 2   | 1.72 | 0.035 | 0.06 | 0.2  | 0.04  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000124 |
| BRW93746  | 0.151 | 0.5 | 2.68 | 0.05  | 0.1  | 0.05 | 0.01  | 5.7  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW93746  | 0.145 | 0.5 | 2.63 | 0.048 | 0.1  | 0.05 | 0.005 | 5.6  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000124 |
| BRW93980  | 0.019 | 0.5 | 0.96 | 0.005 | 0.07 | 0.05 | 0.05  | 6.8  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000124 |
| BRW100041 | 0.033 | 0.5 | 2.19 | 0.088 | 0.11 | 0.05 | 0.005 | 14.4 | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW100046 | 0.262 | 0.5 | 3.71 | 0.012 | 1.56 | 0.05 | 0.005 | 4.7  | 0.6  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000136 |
| BRW100047 | 0.231 | 0.5 | 2.59 | 0.033 | 0.45 | 0.1  | 0.005 | 6.4  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW100054 | 0.005 | 0.5 | 0.66 | 0.003 | 0.16 | 0.05 | 0.01  | 2.9  | 0.2  | 0.025 | 2  | 0.6  | 1DX15  | WHI10000136 |
| BRW100054 | 0.005 | 0.5 | 0.65 | 0.003 | 0.16 | 0.05 | 0.01  | 3    | 0.2  | 0.025 | 2  | 0.6  | 1DX15  | WHI10000136 |
| BRW100056 | 0.097 | 0.5 | 1.85 | 0.024 | 0.3  | 0.05 | 0.005 | 6.2  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW101250 | 0.109 | 1   | 2.58 | 0.014 | 0.14 | 0.05 | 0.02  | 3.7  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW101279 | 0.144 | 2   | 3.76 | 0.05  | 0.08 | 0.05 | 0.01  | 7.4  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000136 |
| BRW101284 | 0.122 | 1   | 2.31 | 0.046 | 0.06 | 0.05 | 0.005 | 4.3  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW101454 | 0.114 | 0.5 | 2.4  | 0.018 | 0.11 | 0.05 | 0.01  | 6.5  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW101455 | 0.08  | 1   | 1.57 | 0.027 | 0.05 | 0.1  | 0.02  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW102775 | 0.071 | 0.5 | 1.84 | 0.029 | 0.03 | 0.05 | 0.01  | 3.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW104092 | 0.066 | 1   | 1.42 | 0.018 | 0.19 | 0.2  | 0.05  | 4.7  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000136 |
| BRW104096 | 0.044 | 2   | 1.45 | 0.007 | 0.32 | 0.1  | 0.04  | 4.2  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW104099 | 0.083 | 2   | 1.8  | 0.015 | 0.31 | 0.1  | 0.05  | 4.4  | 0.4  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000136 |
| BRW104124 | 0.074 | 0.5 | 0.86 | 0.013 | 0.08 | 0.05 | 0.09  | 2.2  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000136 |
| BRW104125 | 0.068 | 1   | 1.49 | 0.016 | 0.06 | 0.1  | 0.04  | 4.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW104126 | 0.078 | 2   | 1.79 | 0.02  | 0.07 | 0.1  | 0.05  | 5.3  | 0.1  | 0.07  | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW104129 | 0.085 | 2   | 1.43 | 0.011 | 0.06 | 0.1  | 0.02  | 4.3  | 0.1  | 0.07  | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW104130 | 0.081 | 0.5 | 1.96 | 0.024 | 0.07 | 0.05 | 0.06  | 5.8  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW104131 | 0.062 | 0.5 | 1.21 | 0.006 | 0.11 | 0.05 | 0.06  | 6.3  | 0.4  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000136 |
| BRW104131 | 0.063 | 2   | 1.22 | 0.007 | 0.11 | 0.05 | 0.07  | 6.3  | 0.4  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000136 |
| BRW104132 | 0.045 | 0.5 | 2.48 | 0.006 | 0.08 | 0.05 | 0.12  | 10.4 | 0.4  | 0.025 | 8  | 1.1  | 1DX15  | WHI10000136 |
| BRW104134 | 0.067 | 2   | 1.99 | 0.014 | 0.07 | 0.05 | 0.05  | 7.6  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW104135 | 0.069 | 2   | 1.79 | 0.011 | 0.15 | 0.1  | 0.03  | 6.2  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW104143 | 0.121 | 2   | 2.3  | 0.017 | 0.47 | 0.05 | 0.03  | 6.3  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000136 |
| BRW104144 | 0.076 | 2   | 1.48 | 0.025 | 0.16 | 0.2  | 0.04  | 4.9  | 0.1  | 0.09  | 5  | 0.5  | 1DX15  | WHI10000136 |
| BRW104146 | 0.111 | 3   | 2.04 | 0.017 | 0.36 | 0.1  | 0.05  | 9.8  | 0.2  | 0.08  | 8  | 1.2  | 1DX15  | WHI10000136 |
| BRW104148 | 0.119 | 2   | 2.5  | 0.014 | 0.44 | 0.05 | 0.04  | 10.5 | 0.3  | 0.05  | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW104332 | 0.202 | 1   | 3.68 | 0.06  | 0.13 | 0.05 | 0.005 | 7.5  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW104374 | 0.032 | 2   | 1.45 | 0.014 | 0.07 | 0.5  | 0.19  | 4.4  | 0.2  | 0.07  | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW104375 | 0.047 | 3   | 1.49 | 0.024 | 0.06 | 0.2  | 0.07  | 3.9  | 0.05 | 0.06  | 4  | 0.7  | 1DX15  | WHI10000136 |
| BRW104376 | 0.046 | 2   | 1.83 | 0.017 | 0.07 | 0.2  | 0.04  | 4.7  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW104378 | 0.028 | 2   | 1.41 | 0.01  | 0.15 | 0.1  | 0.02  | 3.6  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW104379 | 0.058 | 2   | 1.36 | 0.007 | 0.43 | 0.05 | 0.05  | 7    | 0.3  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000136 |
| BRW104381 | 0.022 | 3   | 1.72 | 0.008 | 0.14 | 0.2  | 0.69  | 13.3 | 0.5  | 0.08  | 5  | 0.7  | 1DX15  | WHI10000136 |
| BRW104382 | 0.014 | 2   | 0.77 | 0.003 | 0.08 | 1    | 0.34  | 8    | 0.8  | 0.025 | 3  | 0.9  | 1DX15  | WHI10000136 |
| BRW104383 | 0.083 | 2   | 2.02 | 0.008 | 0.28 | 0.05 | 0.04  | 6.2  | 0.4  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000136 |
| BRW104384 | 0.124 | 1   | 2.38 | 0.013 | 0.5  | 0.05 | 0.06  | 7.8  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW104385 | 0.167 | 0.5 | 2.78 | 0.015 | 0.68 | 0.05 | 0.07  | 10.2 | 0.4  | 0.025 | 9  | 0.8  | 1DX15  | WHI10000136 |
| BRW104386 | 0.116 | 1   | 2.06 | 0.017 | 0.24 | 0.1  | 0.05  | 6.1  | 0.2  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000136 |
| BRW104388 | 0.094 | 0.5 | 1.95 | 0.015 | 0.13 | 0.1  | 0.06  | 5.7  | 0.2  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000136 |
| BRW104390 | 0.09  | 1   | 2.17 | 0.018 | 0.13 | 0.05 | 0.07  | 6.4  | 0.2  | 0.025 | 7  | 1    | 1DX15  | WHI10000136 |
| BRW104391 | 0.082 | 1   | 1.9  | 0.014 | 0.08 | 0.05 | 0.03  | 5.8  | 0.1  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000136 |
| BRW104394 | 0.202 | 1   | 3.51 | 0.019 | 0.95 | 0.1  | 0.005 | 6.2  | 0.7  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000136 |
| BRW104400 | 0.085 | 1   | 1.97 | 0.02  | 0.35 | 0.05 | 0.05  | 7.3  | 0.2  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000136 |
| BRW104402 | 0.058 | 2   | 1.93 | 0.017 | 0.14 | 0.05 | 0.03  | 5.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW104403 | 0.036 | 1   | 2.28 | 0.011 | 0.22 | 0.05 | 0.02  | 7.6  | 0.2  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000136 |
| BRW104405 | 0.094 | 1   | 2.16 | 0.007 | 0.63 | 0.05 | 0.03  | 10.1 | 0.6  | 0.025 | 9  | 1.4  | 1DX15  | WHI10000136 |
| BRW104431 | 0.06  | 0.5 | 2.71 | 0.016 | 0.07 | 0.05 | 0.005 | 6    | 0.05 | 0.025 | 12 | 0.25 | 1DX15  | WHI10000136 |
| BRW104433 | 0.162 | 0.5 | 4.27 | 0.016 | 0.54 | 0.05 | 0.02  | 8.5  | 0.2  | 0.025 | 15 | 0.7  | 1DX15  | WHI10000136 |
| BRW104447 | 0.055 | 0.5 | 1.66 | 0.015 | 0.06 | 0.1  | 0.03  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW104448 | 0.058 | 0.5 | 1.64 | 0.027 | 0.06 | 0.1  | 0.04  | 4.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW104449 | 0.088 | 1   | 1.82 | 0.016 | 0.06 | 0.05 | 0.02  | 3.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW104450 | 0.116 | 0.5 | 2.45 | 0.019 | 0.1  | 0.05 | 0.02  | 7.6  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW108156 | 0.015 | 4   | 1.03 | 0.007 | 0.23 | 0.1  | 0.06  | 6.2  | 0.3  | 0.06  | 3  | 0.25 | 1DX15  | WHI10000136 |
| BRW108157 | 0.02  | 3   | 1.68 | 0.008 | 0.03 | 1.4  | 0.11  | 4.9  | 0.2  | 0.06  | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108158 | 0.064 | 2   | 1.78 | 0.013 | 0.14 | 0.05 | 0.06  | 5.3  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|-------|------|
| BRW108159 | Soil | 600915     | 7004485    | 07V      | 0.6 | 15.6  | 11.7 | 33  | 0.05 | 13.6  | 4.2  |
| BRW108160 | Soil | 600875     | 7004454    | 07V      | 0.8 | 19.7  | 13.6 | 40  | 0.05 | 17.9  | 6    |
| BRW108161 | Soil | 600836     | 7004423    | 07V      | 0.5 | 17.5  | 12.8 | 33  | 0.05 | 13.5  | 4    |
| BRW108163 | Soil | 600757     | 7004361    | 07V      | 1.6 | 29.7  | 18.8 | 48  | 0.05 | 25.6  | 5.9  |
| BRW108164 | Soil | 600717     | 7004329    | 07V      | 1   | 20.8  | 15.5 | 38  | 0.05 | 15    | 4.8  |
| BRW108166 | Soil | 600638     | 7004269    | 07V      | 2   | 30.1  | 15.4 | 45  | 0.05 | 25.5  | 9.6  |
| BRW108170 | Soil | 600481     | 7004146    | 07V      | 1.5 | 34.3  | 11.3 | 50  | 0.05 | 22.5  | 9.4  |
| BRW108172 | Soil | 600401     | 7004084    | 07V      | 2.5 | 42    | 19.9 | 40  | 0.05 | 25.1  | 8.9  |
| BRW108174 | Soil | 600321     | 7004023    | 07V      | 5.3 | 80.7  | 16.7 | 153 | 0.2  | 86    | 20.5 |
| BRW108180 | Soil | 600088     | 7003840    | 07V      | 1   | 26.1  | 9.6  | 63  | 0.05 | 28.1  | 15   |
| BRW108346 | Soil | 600251     | 7004601    | 07V      | 2.1 | 38    | 26.5 | 73  | 0.1  | 24.5  | 7.4  |
| BRW108347 | Soil | 600210     | 7004570    | 07V      | 0.7 | 46.1  | 17.5 | 114 | 0.3  | 39    | 15.4 |
| BRW108348 | Soil | 600172     | 7004540    | 07V      | 1.6 | 27.1  | 62.9 | 66  | 0.2  | 20.5  | 5.1  |
| BRW108464 | Soil | 600909     | 7004735    | 07V      | 1   | 36    | 11.1 | 62  | 0.1  | 27.1  | 12.8 |
| BRW108465 | Soil | 600870     | 7004703    | 07V      | 0.9 | 41.1  | 11.1 | 69  | 0.2  | 31.4  | 12.1 |
| BRW108465 | REP  | 600870     | 7004703    | 07V      | 0.9 | 42.6  | 10.9 | 70  | 0.2  | 33    | 12.2 |
| BRW108466 | Soil | 600830     | 7004672    | 07V      | 0.9 | 40    | 10.9 | 68  | 0.1  | 32    | 12.1 |
| BRW108467 | Soil | 600791     | 7004641    | 07V      | 0.9 | 41.2  | 13.3 | 64  | 0.2  | 35.5  | 13.2 |
| BRW108468 | Soil | 600752     | 7004610    | 07V      | 1   | 44.9  | 10.5 | 82  | 0.1  | 36.2  | 12.4 |
| BRW108469 | Soil | 600714     | 7004580    | 07V      | 1.3 | 50.5  | 13.3 | 115 | 0.1  | 37.5  | 13.3 |
| BRW108472 | Soil | 600591     | 7004488    | 07V      | 1.4 | 32    | 45.9 | 68  | 0.05 | 28.2  | 8.7  |
| BRW108477 | Soil | 600397     | 7004333    | 07V      | 1.2 | 44.8  | 15.9 | 62  | 0.1  | 29.1  | 9.5  |
| BRW108480 | Soil | 600277     | 7004241    | 07V      | 1.7 | 34.3  | 15.4 | 55  | 0.1  | 28.2  | 10.8 |
| BRW108481 | Soil | 600236     | 7004209    | 07V      | 1.7 | 25.9  | 12.1 | 57  | 0.1  | 26.7  | 10.5 |
| BRW108482 | Soil | 600195     | 7004180    | 07V      | 3.2 | 36    | 14.3 | 68  | 0.3  | 31.1  | 14.9 |
| BRW108493 | Soil | 599806     | 7003870    | 07V      | 7   | 27.2  | 14.2 | 99  | 0.1  | 29.7  | 15.8 |
| BRW108494 | Soil | 599769     | 7003838    | 07V      | 2.6 | 30    | 9    | 106 | 0.1  | 25.4  | 14.3 |
| BRW108513 | Soil | 599687     | 7004921    | 07V      | 1.3 | 37.7  | 10.8 | 72  | 0.1  | 29.3  | 13.5 |
| BRW108539 | Soil | 600455     | 7004503    | 07V      | 2.1 | 29.8  | 74.5 | 78  | 0.05 | 25.8  | 7.6  |
| BRW108559 | Soil | 599708     | 7003921    | 07V      | 3.3 | 41.5  | 12.5 | 97  | 0.1  | 43.5  | 18   |
| BRW108560 | Soil | 599666     | 7003892    | 07V      | 4.1 | 47    | 7.5  | 78  | 0.2  | 54.7  | 16.3 |
| BRW108562 | Soil | 600120     | 7003227    | 07V      | 0.5 | 50.7  | 9.8  | 68  | 0.2  | 41.1  | 16.6 |
| BRW108563 | Soil | 600159     | 7003259    | 07V      | 4.3 | 95    | 26.5 | 250 | 0.3  | 74.5  | 21.7 |
| BRW108563 | REP  | 600159     | 7003259    | 07V      | 4.4 | 88.5  | 24.4 | 245 | 0.3  | 70.5  | 20.7 |
| BRW108565 | Soil | 600040     | 7003165    | 07V      | 0.7 | 41.8  | 9.7  | 31  | 0.05 | 49.7  | 18.9 |
| BRW108575 | Soil | 599647     | 7002861    | 07V      | 0.4 | 80.9  | 3    | 23  | 0.05 | 201.1 | 20.8 |
| BRW108623 | Soil | 599488     | 7002737    | 07V      | 1.8 | 44.9  | 17.3 | 102 | 0.2  | 37.5  | 13.7 |
| BRW108624 | Soil | 599449     | 7002707    | 07V      | 2.2 | 18.1  | 16   | 66  | 0.1  | 19.9  | 7.2  |
| BRW108625 | Soil | 599410     | 7002675    | 07V      | 0.7 | 22.8  | 5.5  | 51  | 0.05 | 18.5  | 12.6 |
| BRW108626 | Soil | 599372     | 7002645    | 07V      | 2   | 65.1  | 7.9  | 112 | 0.1  | 68.6  | 24.4 |
| BRW108627 | Soil | 599318     | 7002601    | 07V      | 0.4 | 50.5  | 5.5  | 115 | 0.05 | 23.4  | 28.9 |
| BRW108628 | Soil | 599293     | 7002582    | 07V      | 0.6 | 31.2  | 5.6  | 76  | 0.05 | 19.5  | 16.2 |
| BRW108629 | Soil | 599254     | 7002552    | 07V      | 0.4 | 57.8  | 4.4  | 71  | 0.05 | 18.5  | 23.4 |
| BRW108630 | Soil | 599213     | 7002520    | 07V      | 0.6 | 29.7  | 4.8  | 79  | 0.05 | 14.5  | 11.9 |
| BRW108631 | Soil | 599174     | 7002488    | 07V      | 1.3 | 55.1  | 6.6  | 116 | 0.05 | 32.3  | 15.6 |
| BRW108633 | Soil | 599097     | 7002429    | 07V      | 0.4 | 55.8  | 4.2  | 52  | 0.05 | 41.7  | 15.5 |
| BRW108634 | Soil | 599055     | 7002397    | 07V      | 0.1 | 153   | 1.3  | 18  | 0.05 | 19    | 12.9 |
| BRW108638 | Soil | 598937     | 7002302    | 07V      | 0.3 | 86.8  | 3.8  | 70  | 0.05 | 39.6  | 24.9 |
| BRW108756 | Soil | 599949     | 7004744    | 07V      | 3.3 | 36.3  | 72   | 60  | 0.2  | 20.9  | 6.9  |
| BRW108756 | REP  | 599949     | 7004744    | 07V      | 3.2 | 38    | 69.4 | 59  | 0.2  | 22.4  | 6.9  |
| BRW108758 | Soil | 599869     | 7004682    | 07V      | 2.1 | 25.4  | 14.9 | 35  | 0.1  | 16    | 5.4  |
| BRW108760 | Soil | 599790     | 7004620    | 07V      | 4.6 | 49.7  | 22.8 | 170 | 0.2  | 73.5  | 22.2 |
| BRW108764 | Soil | 599634     | 7004499    | 07V      | 1.7 | 19.3  | 12.2 | 72  | 0.05 | 22.5  | 10.4 |
| BRW108774 | Soil | 599099     | 7002179    | 07V      | 0.3 | 97.4  | 2.2  | 96  | 0.05 | 25.5  | 22.4 |
| BRW108777 | Soil | 599217     | 7002270    | 07V      | 0.3 | 84.1  | 2.4  | 31  | 0.05 | 18.9  | 11.8 |
| BRW108780 | Soil | 599337     | 7002361    | 07V      | 0.4 | 110.4 | 2    | 64  | 0.05 | 18.9  | 31.2 |
| BRW108781 | Soil | 599375     | 7002392    | 07V      | 0.2 | 40.4  | 2    | 44  | 0.05 | 23.4  | 22.1 |
| BRW108782 | Soil | 599415     | 7002423    | 07V      | 0.5 | 28.5  | 3.8  | 56  | 0.05 | 12.5  | 13.6 |
| BRW108783 | Soil | 599454     | 7002453    | 07V      | 1   | 56.9  | 5.5  | 82  | 0.1  | 29.4  | 17.9 |
| BRW108785 | Soil | 599535     | 7002514    | 07V      | 0.8 | 50.5  | 4.9  | 73  | 0.1  | 30.5  | 18.5 |
| BRW108785 | REP  | 599535     | 7002514    | 07V      | 0.9 | 49.4  | 5.2  | 71  | 0.1  | 29.9  | 18.8 |
| BRW108786 | Soil | 599574     | 7002545    | 07V      | 0.6 | 69.4  | 13   | 183 | 0.2  | 36.3  | 18.5 |
| BRW108789 | Soil | 599695     | 7002638    | 07V      | 3.5 | 16.9  | 14.3 | 80  | 0.05 | 8.9   | 5.4  |

| SampleID  | Mn   | Fe   | As_   | U    | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr | Mg   | Ba  |
|-----------|------|------|-------|------|------|------|-----|------|------|------|-----|------|-------|-----|----|------|-----|
| BRW108159 | 108  | 1.56 | 4.1   | 1.2  | 1.1  | 7.3  | 18  | 0.05 | 0.4  | 0.2  | 30  | 0.17 | 0.017 | 21  | 17 | 0.19 | 160 |
| BRW108160 | 149  | 1.81 | 7.4   | 0.9  | 1.8  | 6    | 19  | 0.05 | 0.5  | 0.2  | 34  | 0.23 | 0.02  | 17  | 25 | 0.31 | 175 |
| BRW108161 | 112  | 1.7  | 9.7   | 0.8  | 1.2  | 5.2  | 15  | 0.05 | 0.4  | 0.1  | 30  | 0.19 | 0.01  | 12  | 23 | 0.29 | 180 |
| BRW108163 | 168  | 2.18 | 25.7  | 1.3  | 3.3  | 5.5  | 20  | 0.1  | 1.5  | 0.2  | 41  | 0.22 | 0.015 | 14  | 36 | 0.23 | 229 |
| BRW108164 | 125  | 1.74 | 24.6  | 1.2  | 2.3  | 4.4  | 13  | 0.05 | 1    | 0.2  | 38  | 0.11 | 0.013 | 10  | 16 | 0.14 | 196 |
| BRW108166 | 302  | 2.26 | 13    | 1.7  | 4.6  | 6.6  | 22  | 0.1  | 0.8  | 0.2  | 51  | 0.27 | 0.022 | 13  | 40 | 0.3  | 250 |
| BRW108170 | 317  | 2.46 | 11.9  | 0.9  | 5.2  | 5.6  | 29  | 0.05 | 0.8  | 0.2  | 59  | 0.37 | 0.031 | 16  | 32 | 0.42 | 269 |
| BRW108172 | 434  | 2.36 | 14.3  | 1.2  | 6.5  | 6.9  | 22  | 0.05 | 1    | 0.2  | 55  | 0.23 | 0.013 | 16  | 28 | 0.23 | 326 |
| BRW108174 | 2999 | 3.43 | 34    | 1.9  | 6.9  | 5.8  | 31  | 0.4  | 1.4  | 0.2  | 81  | 0.25 | 0.052 | 23  | 66 | 0.38 | 629 |
| BRW108180 | 460  | 3.62 | 12.1  | 0.7  | 1.2  | 6.4  | 27  | 0.05 | 0.7  | 0.2  | 80  | 0.49 | 0.052 | 21  | 40 | 0.83 | 177 |
| BRW108346 | 192  | 2.87 | 81.9  | 1.4  | 10.9 | 7.5  | 20  | 0.2  | 3.9  | 0.2  | 53  | 0.2  | 0.044 | 20  | 33 | 0.38 | 257 |
| BRW108347 | 1784 | 3.94 | 56.9  | 0.8  | 4.4  | 2.6  | 32  | 0.5  | 1.7  | 0.1  | 56  | 3.03 | 0.205 | 20  | 36 | 1.95 | 989 |
| BRW108348 | 93   | 2.95 | 141.4 | 1.4  | 12.4 | 5.8  | 18  | 0.1  | 4.2  | 0.2  | 46  | 0.12 | 0.049 | 17  | 25 | 0.2  | 192 |
| BRW108464 | 485  | 3.03 | 8.7   | 3.4  | 6.5  | 5    | 39  | 0.2  | 0.8  | 0.2  | 57  | 0.55 | 0.058 | 18  | 33 | 0.46 | 354 |
| BRW108465 | 424  | 3.23 | 8.2   | 5.8  | 7    | 5.5  | 39  | 0.1  | 0.7  | 0.3  | 61  | 0.57 | 0.053 | 20  | 37 | 0.48 | 390 |
| BRW108465 | 399  | 3.17 | 7.9   | 5.8  | 4.9  | 5.7  | 40  | 0.1  | 0.7  | 0.3  | 61  | 0.58 | 0.052 | 20  | 36 | 0.51 | 370 |
| BRW108466 | 424  | 3.27 | 9.1   | 2.9  | 3.1  | 6    | 38  | 0.2  | 0.7  | 0.2  | 59  | 0.55 | 0.058 | 20  | 36 | 0.52 | 379 |
| BRW108467 | 561  | 3.3  | 11.4  | 2.9  | 4.7  | 5.6  | 44  | 0.2  | 0.8  | 0.2  | 59  | 0.63 | 0.054 | 19  | 38 | 0.51 | 429 |
| BRW108468 | 460  | 3.39 | 11.2  | 1.2  | 6.3  | 6.4  | 41  | 0.3  | 0.9  | 0.2  | 71  | 0.91 | 0.084 | 21  | 39 | 0.74 | 323 |
| BRW108469 | 375  | 3.96 | 6.5   | 2    | 3.3  | 10.9 | 27  | 0.2  | 0.9  | 0.3  | 70  | 0.43 | 0.075 | 32  | 43 | 0.65 | 398 |
| BRW108472 | 300  | 2.76 | 115.9 | 3.1  | 4.7  | 5.5  | 32  | 0.2  | 5.8  | 0.2  | 56  | 0.28 | 0.035 | 19  | 36 | 0.41 | 425 |
| BRW108477 | 297  | 3.16 | 18.5  | 2.4  | 13.5 | 5.6  | 23  | 0.1  | 0.9  | 0.2  | 72  | 0.21 | 0.018 | 19  | 41 | 0.48 | 325 |
| BRW108480 | 208  | 2.95 | 23.8  | 0.8  | 9.3  | 4.5  | 20  | 0.1  | 1.8  | 0.2  | 70  | 0.17 | 0.018 | 14  | 39 | 0.45 | 288 |
| BRW108481 | 317  | 3.18 | 13.7  | 0.7  | 1.6  | 4.8  | 20  | 0.05 | 1    | 0.2  | 68  | 0.16 | 0.027 | 12  | 39 | 0.49 | 261 |
| BRW108482 | 678  | 3.14 | 32.9  | 0.9  | 99.7 | 5.6  | 29  | 0.3  | 2.7  | 0.2  | 62  | 0.26 | 0.043 | 15  | 41 | 0.37 | 348 |
| BRW108493 | 699  | 4.19 | 19.6  | 1.6  | 6.6  | 14.6 | 37  | 0.1  | 0.5  | 0.1  | 71  | 0.85 | 0.058 | 31  | 51 | 0.94 | 258 |
| BRW108494 | 535  | 4.03 | 19.7  | 1.3  | 5.2  | 7.4  | 39  | 0.2  | 0.7  | 0.05 | 68  | 1.19 | 0.073 | 33  | 40 | 0.93 | 400 |
| BRW108513 | 416  | 3.2  | 32.8  | 1    | 3.9  | 4.6  | 44  | 0.2  | 1.6  | 0.2  | 68  | 0.58 | 0.069 | 15  | 36 | 0.71 | 315 |
| BRW108539 | 146  | 2.82 | 336.6 | 4.4  | 4.7  | 4.5  | 31  | 0.5  | 20.5 | 0.3  | 41  | 0.18 | 0.053 | 12  | 23 | 0.22 | 344 |
| BRW108559 | 581  | 3.81 | 25.6  | 1.9  | 4    | 7.7  | 32  | 0.5  | 1.3  | 0.05 | 63  | 0.77 | 0.055 | 36  | 55 | 0.88 | 367 |
| BRW108560 | 590  | 3.87 | 18.5  | 1.4  | 8.8  | 11   | 35  | 0.1  | 0.7  | 0.1  | 55  | 0.88 | 0.047 | 43  | 54 | 0.98 | 274 |
| BRW108562 | 420  | 3.08 | 9.1   | 1.4  | 50.1 | 5    | 36  | 0.1  | 0.4  | 0.05 | 83  | 1.01 | 0.092 | 21  | 47 | 1.09 | 243 |
| BRW108563 | 962  | 4.77 | 55.2  | 1.7  | 2.5  | 15.1 | 55  | 1    | 2    | 0.05 | 88  | 0.79 | 0.147 | 29  | 52 | 0.84 | 401 |
| BRW108563 | 949  | 4.55 | 54.5  | 1.7  | 2.1  | 14.5 | 56  | 1    | 2    | 0.05 | 85  | 0.78 | 0.152 | 29  | 51 | 0.85 | 396 |
| BRW108565 | 246  | 2.13 | 4.4   | 0.5  | 1.5  | 4.4  | 41  | 0.05 | 0.2  | 0.05 | 59  | 0.71 | 0.049 | 13  | 38 | 0.82 | 129 |
| BRW108575 | 192  | 1.9  | 4.1   | 0.2  | 0.25 | 1.2  | 27  | 0.05 | 0.2  | 0.05 | 27  | 0.36 | 0.008 | 5   | 43 | 1.52 | 104 |
| BRW108623 | 838  | 4.19 | 18.2  | 1.6  | 4    | 35.5 | 14  | 0.1  | 0.3  | 0.1  | 35  | 0.53 | 0.063 | 147 | 32 | 0.41 | 164 |
| BRW108624 | 573  | 2.61 | 9.3   | 0.6  | 1.6  | 17.2 | 21  | 0.1  | 0.3  | 0.1  | 44  | 0.33 | 0.068 | 66  | 29 | 0.31 | 194 |
| BRW108625 | 472  | 2.33 | 3.8   | 0.5  | 1.3  | 2.9  | 55  | 0.1  | 0.1  | 0.05 | 51  | 0.92 | 0.083 | 12  | 32 | 1.12 | 137 |
| BRW108626 | 875  | 4.78 | 3.4   | 1.3  | 1.3  | 12.3 | 40  | 0.2  | 0.1  | 0.05 | 84  | 1.23 | 0.112 | 30  | 99 | 2.11 | 279 |
| BRW108627 | 1047 | 6.61 | 12.3  | 0.2  | 0.25 | 1.2  | 142 | 0.1  | 0.05 | 0.05 | 218 | 1.25 | 0.101 | 4   | 49 | 2.62 | 136 |
| BRW108628 | 424  | 3.87 | 6.1   | 0.4  | 1.8  | 2.1  | 50  | 0.1  | 0.3  | 0.05 | 104 | 0.83 | 0.161 | 8   | 35 | 0.89 | 160 |
| BRW108629 | 429  | 5.29 | 3.6   | 0.3  | 1.9  | 1.3  | 75  | 0.05 | 0.2  | 0.05 | 180 | 1.69 | 0.473 | 5   | 32 | 1.11 | 131 |
| BRW108630 | 307  | 2.97 | 4.2   | 0.5  | 1.2  | 3    | 67  | 0.1  | 0.2  | 0.05 | 87  | 0.77 | 0.075 | 11  | 30 | 0.82 | 163 |
| BRW108631 | 495  | 4.1  | 13.2  | 0.9  | 0.25 | 6.1  | 82  | 0.1  | 0.2  | 0.05 | 114 | 1.34 | 0.11  | 22  | 55 | 1.14 | 336 |
| BRW108633 | 341  | 2.82 | 2.8   | 0.4  | 0.25 | 1.3  | 116 | 0.05 | 0.2  | 0.05 | 79  | 0.94 | 0.072 | 6   | 72 | 1.23 | 201 |
| BRW108634 | 197  | 1.59 | 1.6   | 0.05 | 0.25 | 0.4  | 67  | 0.05 | 0.05 | 0.05 | 45  | 0.84 | 0.081 | 1   | 14 | 0.63 | 96  |
| BRW108638 | 731  | 4.1  | 3.1   | 0.3  | 0.7  | 1.5  | 91  | 0.05 | 0.4  | 0.05 | 116 | 1.36 | 0.092 | 3   | 60 | 1.95 | 239 |
| BRW108756 | 218  | 3.9  | 270.1 | 2.9  | 6.9  | 5.2  | 27  | 0.2  | 12.4 | 0.2  | 62  | 0.16 | 0.124 | 14  | 25 | 0.24 | 498 |
| BRW108756 | 212  | 3.95 | 272.1 | 2.8  | 8.5  | 4.9  | 28  | 0.1  | 12.6 | 0.2  | 61  | 0.17 | 0.12  | 15  | 25 | 0.23 | 525 |
| BRW108758 | 131  | 2.68 | 134.3 | 1    | 6.5  | 3.2  | 30  | 0.05 | 1.9  | 0.2  | 63  | 0.19 | 0.039 | 10  | 27 | 0.32 | 470 |
| BRW108760 | 1466 | 5.28 | 40.7  | 2.1  | 5    | 8    | 22  | 0.2  | 1.8  | 0.2  | 85  | 0.1  | 0.132 | 21  | 48 | 0.37 | 293 |
| BRW108764 | 391  | 3.56 | 10.2  | 0.8  | 2.5  | 7.8  | 22  | 0.1  | 0.4  | 0.1  | 61  | 0.43 | 0.089 | 21  | 38 | 0.55 | 197 |
| BRW108774 | 597  | 4.52 | 4.6   | 0.2  | 0.25 | 1.1  | 103 | 0.05 | 0.4  | 0.05 | 130 | 1.8  | 0.318 | 3   | 37 | 1.72 | 260 |
| BRW108777 | 246  | 1.94 | 1.6   | 0.1  | 0.25 | 0.5  | 61  | 0.05 | 0.05 | 0.05 | 61  | 0.83 | 0.059 | 2   | 50 | 0.84 | 95  |
| BRW108780 | 406  | 5.97 | 2.4   | 0.2  | 1.4  | 0.7  | 73  | 0.05 | 0.1  | 0.05 | 180 | 1.68 | 0.478 | 3   | 32 | 0.99 | 122 |
| BRW108781 | 325  | 4.6  | 1.9   | 0.3  | 2    | 0.8  | 150 | 0.05 | 0.05 | 0.05 | 160 | 2.99 | 1.045 | 5   | 58 | 1.12 | 166 |
| BRW108782 | 439  | 3.32 | 2.1   | 0.3  | 0.5  | 1.5  | 81  | 0.05 | 0.2  | 0.05 | 96  | 1.12 | 0.114 | 6   | 25 | 0.88 | 120 |
| BRW108783 | 858  | 3.23 | 24.2  | 1.2  | 1.1  | 2.6  | 83  | 0.3  | 0.7  | 0.05 | 78  | 1.47 | 0.11  | 18  | 39 | 0.97 | 312 |
| BRW108785 | 644  | 4.05 | 5.7   | 0.7  | 2.7  | 3    | 62  | 0.2  | 0.3  | 0.05 | 95  | 1.51 | 0.106 | 12  | 75 | 1.37 | 475 |
| BRW108785 | 642  | 4    | 5.5   | 0.7  | 1.5  | 3.1  | 64  | 0.1  | 0.2  | 0.05 | 95  | 1.49 | 0.098 | 12  | 75 | 1.35 | 455 |
| BRW108786 | 916  | 4.5  | 0.8   | 0.8  | 2.2  | 4.3  | 22  | 0.1  | 0.05 | 0.05 | 95  | 1.08 | 0.149 | 16  | 61 | 1.94 | 305 |
| BRW108789 | 321  | 3.25 | 11.4  | 1.5  | 0.25 | 24.2 | 15  | 0.05 | 0.2  | 0.1  | 26  | 0.23 | 0.091 | 99  | 14 | 0.17 | 113 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW108159 | 0.065 | 2   | 0.98 | 0.016 | 0.14 | 0.05 | 0.03  | 2.4  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000136 |
| BRW108160 | 0.081 | 0.5 | 1.35 | 0.021 | 0.16 | 0.05 | 0.04  | 2.8  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW108161 | 0.08  | 0.5 | 1.59 | 0.02  | 0.18 | 0.05 | 0.03  | 3    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108163 | 0.069 | 0.5 | 1.62 | 0.014 | 0.1  | 0.05 | 0.14  | 4.7  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108164 | 0.078 | 0.5 | 1.14 | 0.014 | 0.08 | 0.05 | 0.02  | 3.3  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000136 |
| BRW108166 | 0.07  | 1   | 1.74 | 0.014 | 0.09 | 0.05 | 0.03  | 4.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108170 | 0.083 | 1   | 1.72 | 0.024 | 0.07 | 0.05 | 0.04  | 4.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108172 | 0.086 | 0.5 | 2    | 0.017 | 0.09 | 0.05 | 0.04  | 5.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW108174 | 0.038 | 2   | 1.45 | 0.007 | 0.12 | 0.05 | 0.04  | 8    | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000136 |
| BRW108180 | 0.104 | 2   | 1.98 | 0.014 | 0.34 | 0.1  | 0.02  | 8.5  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW108346 | 0.073 | 2   | 1.07 | 0.007 | 0.25 | 0.1  | 0.15  | 4.9  | 0.4  | 0.025 | 4  | 1    | 1DX15  | WHI10000136 |
| BRW108347 | 0.063 | 3   | 1.82 | 0.011 | 0.38 | 0.2  | 0.09  | 5.6  | 0.5  | 0.06  | 6  | 0.9  | 1DX15  | WHI10000136 |
| BRW108348 | 0.035 | 2   | 1.05 | 0.006 | 0.09 | 0.05 | 0.04  | 3.5  | 0.5  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000136 |
| BRW108464 | 0.063 | 2   | 1.64 | 0.019 | 0.07 | 0.05 | 0.05  | 5.4  | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000136 |
| BRW108465 | 0.071 | 1   | 1.83 | 0.019 | 0.1  | 0.1  | 0.07  | 6    | 0.1  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000136 |
| BRW108465 | 0.068 | 1   | 1.86 | 0.019 | 0.1  | 0.1  | 0.05  | 6.1  | 0.1  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000136 |
| BRW108466 | 0.07  | 2   | 1.77 | 0.024 | 0.1  | 0.1  | 0.05  | 5.8  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000136 |
| BRW108467 | 0.065 | 2   | 1.84 | 0.023 | 0.09 | 0.05 | 0.05  | 5.9  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW108468 | 0.115 | 2   | 1.8  | 0.031 | 0.22 | 0.1  | 0.04  | 5.2  | 0.2  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000136 |
| BRW108469 | 0.116 | 2   | 2.04 | 0.017 | 0.51 | 0.05 | 0.05  | 7    | 0.4  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000136 |
| BRW108472 | 0.069 | 2   | 1.51 | 0.013 | 0.13 | 0.2  | 1.22  | 6.2  | 1    | 0.025 | 5  | 0.9  | 1DX15  | WHI10000136 |
| BRW108477 | 0.067 | 0.5 | 2.12 | 0.01  | 0.05 | 0.1  | 0.04  | 5.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW108480 | 0.063 | 2   | 2.23 | 0.01  | 0.05 | 0.1  | 0.03  | 4.6  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW108481 | 0.057 | 1   | 2.21 | 0.009 | 0.06 | 0.05 | 0.02  | 3.6  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW108482 | 0.029 | 1   | 1.79 | 0.01  | 0.1  | 0.05 | 0.02  | 5.1  | 0.1  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000136 |
| BRW108493 | 0.107 | 6   | 1.81 | 0.017 | 0.36 | 0.05 | 0.04  | 5.6  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW108494 | 0.08  | 2   | 1.78 | 0.013 | 0.27 | 0.05 | 0.06  | 10   | 0.2  | 0.05  | 7  | 0.8  | 1DX15  | WHI10000136 |
| BRW108513 | 0.092 | 2   | 1.73 | 0.037 | 0.1  | 0.2  | 0.13  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108539 | 0.021 | 1   | 0.97 | 0.007 | 0.06 | 0.6  | 2.73  | 6.9  | 0.8  | 0.025 | 3  | 0.7  | 1DX15  | WHI10000136 |
| BRW108559 | 0.066 | 2   | 1.85 | 0.014 | 0.24 | 0.05 | 0.06  | 8.3  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000136 |
| BRW108560 | 0.054 | 2   | 1.84 | 0.012 | 0.3  | 0.05 | 0.05  | 8.2  | 0.3  | 0.025 | 7  | 1    | 1DX15  | WHI10000136 |
| BRW108562 | 0.111 | 1   | 2.17 | 0.023 | 0.12 | 0.1  | 0.04  | 7.4  | 0.1  | 0.05  | 6  | 0.7  | 1DX15  | WHI10000136 |
| BRW108563 | 0.115 | 3   | 1.66 | 0.013 | 0.32 | 0.05 | 0.06  | 6.1  | 0.4  | 0.025 | 7  | 1.5  | 1DX15  | WHI10000136 |
| BRW108563 | 0.111 | 2   | 1.74 | 0.013 | 0.32 | 0.05 | 0.07  | 5.9  | 0.4  | 0.07  | 7  | 1.5  | 1DX15  | WHI10000136 |
| BRW108565 | 0.094 | 0.5 | 1.85 | 0.024 | 0.04 | 0.05 | 0.01  | 5.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108575 | 0.044 | 0.5 | 2.41 | 0.03  | 0.03 | 0.05 | 0.005 | 1.6  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000136 |
| BRW108623 | 0.033 | 1   | 1.55 | 0.008 | 0.29 | 0.05 | 0.05  | 6.9  | 0.3  | 0.025 | 6  | 1    | 1DX15  | WHI10000136 |
| BRW108624 | 0.056 | 1   | 1.12 | 0.015 | 0.14 | 0.05 | 0.02  | 3.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108625 | 0.081 | 0.5 | 1.64 | 0.019 | 0.07 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108626 | 0.224 | 2   | 2.92 | 0.013 | 0.58 | 0.05 | 0.02  | 5.3  | 0.2  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000136 |
| BRW108627 | 0.129 | 3   | 3.69 | 0.049 | 0.16 | 0.05 | 0.01  | 15.9 | 0.05 | 0.025 | 14 | 0.25 | 1DX15  | WHI10000136 |
| BRW108628 | 0.114 | 1   | 2.08 | 0.045 | 0.07 | 0.1  | 0.02  | 5.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW108629 | 0.104 | 0.5 | 1.77 | 0.084 | 0.08 | 0.1  | 0.01  | 7.6  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW108630 | 0.124 | 0.5 | 2.08 | 0.043 | 0.07 | 0.05 | 0.01  | 5.2  | 0.05 | 0.025 | 6  | 0.7  | 1DX15  | WHI10000136 |
| BRW108631 | 0.2   | 0.5 | 3.3  | 0.032 | 0.23 | 0.05 | 0.01  | 5.5  | 0.05 | 0.025 | 11 | 0.7  | 1DX15  | WHI10000136 |
| BRW108633 | 0.118 | 0.5 | 2.51 | 0.036 | 0.1  | 0.05 | 0.02  | 4    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW108634 | 0.065 | 0.5 | 1.58 | 0.068 | 0.05 | 0.05 | 0.005 | 2.9  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000136 |
| BRW108638 | 0.208 | 2   | 3.5  | 0.042 | 0.17 | 0.05 | 0.005 | 7.7  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000136 |
| BRW108756 | 0.032 | 2   | 1.2  | 0.006 | 0.06 | 0.2  | 0.94  | 3    | 0.2  | 0.025 | 4  | 1.5  | 1DX15  | WHI10000136 |
| BRW108756 | 0.034 | 2   | 1.2  | 0.008 | 0.07 | 0.1  | 0.95  | 3.1  | 0.1  | 0.025 | 4  | 1.2  | 1DX15  | WHI10000136 |
| BRW108758 | 0.041 | 0.5 | 1.4  | 0.007 | 0.08 | 0.1  | 0.35  | 3    | 0.3  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000136 |
| BRW108760 | 0.033 | 3   | 1.49 | 0.005 | 0.19 | 0.05 | 0.03  | 4.6  | 0.3  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000136 |
| BRW108764 | 0.08  | 1   | 1.89 | 0.012 | 0.33 | 0.05 | 0.01  | 5.5  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW108774 | 0.213 | 1   | 3.2  | 0.092 | 0.24 | 0.05 | 0.005 | 6.5  | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000136 |
| BRW108777 | 0.083 | 0.5 | 1.55 | 0.062 | 0.05 | 0.05 | 0.01  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108780 | 0.082 | 0.5 | 1.95 | 0.106 | 0.08 | 0.05 | 0.005 | 10.4 | 0.05 | 0.025 | 7  | 0.6  | 1DX15  | WHI10000136 |
| BRW108781 | 0.045 | 0.5 | 1.69 | 0.087 | 0.11 | 0.05 | 0.005 | 8.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW108782 | 0.137 | 1   | 2.26 | 0.043 | 0.05 | 0.05 | 0.01  | 6    | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW108783 | 0.116 | 2   | 1.92 | 0.024 | 0.07 | 0.05 | 0.03  | 4.8  | 0.05 | 0.05  | 6  | 0.7  | 1DX15  | WHI10000136 |
| BRW108785 | 0.133 | 2   | 2.46 | 0.033 | 0.2  | 0.05 | 0.04  | 8.7  | 0.1  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000136 |
| BRW108785 | 0.134 | 2   | 2.41 | 0.031 | 0.19 | 0.05 | 0.03  | 8.8  | 0.1  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000136 |
| BRW108786 | 0.215 | 0.5 | 2.59 | 0.015 | 0.75 | 0.05 | 0.02  | 7    | 0.7  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW108789 | 0.009 | 0.5 | 1.08 | 0.009 | 0.07 | 0.05 | 0.02  | 3.2  | 0.1  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000136 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW108790 | Soil | 599735     | 7002666    | 07V      | 1.2  | 54.5  | 3.4  | 94  | 0.1  | 40.6  | 35.9 |
| BRW108792 | Soil | 599812     | 7002729    | 07V      | 0.05 | 70.7  | 1.4  | 11  | 0.05 | 140.8 | 18.8 |
| BRW108793 | Soil | 599853     | 7002761    | 07V      | 0.2  | 43.3  | 3.2  | 11  | 0.05 | 38.4  | 8.3  |
| BRW108794 | Soil | 599889     | 7002790    | 07V      | 0.4  | 40.9  | 3.8  | 16  | 0.05 | 35.1  | 10.5 |
| BRW108796 | Soil | 599967     | 7002851    | 07V      | 0.6  | 40.6  | 6.8  | 32  | 0.05 | 36.1  | 12.2 |
| BRW108799 | Soil | 600086     | 7002944    | 07V      | 0.3  | 48.2  | 5.7  | 40  | 0.1  | 44.9  | 16.9 |
| BRW108802 | Soil | 600202     | 7003037    | 07V      | 0.7  | 105.8 | 2.8  | 25  | 0.1  | 156.4 | 36.4 |
| BRW108806 | Soil | 600282     | 7003101    | 07V      | 3    | 41.3  | 17.4 | 132 | 0.05 | 28.3  | 13.1 |
| BRW108897 | Soil | 600471     | 7001723    | 07V      | 0.7  | 42.6  | 11.2 | 108 | 0.05 | 49.3  | 18.5 |
| BRW108897 | REP  | 600471     | 7001723    | 07V      | 0.7  | 39.5  | 10.7 | 104 | 0.05 | 46.2  | 18.1 |
| BRW108898 | Soil | 600509     | 7001753    | 07V      | 1    | 49.7  | 15.7 | 111 | 0.2  | 48.9  | 18.3 |
| BRW108899 | Soil | 600509     | 7001753    | 07V      | 0.8  | 48.7  | 12.3 | 122 | 0.1  | 45.3  | 18.3 |
| BRW108900 | Soil | 600547     | 7001783    | 07V      | 0.9  | 53.6  | 15.3 | 138 | 0.05 | 47.9  | 18.1 |
| BRW108993 | Soil | 600431     | 7004613    | 07V      | 0.7  | 33.1  | 9.5  | 70  | 0.05 | 24.7  | 9.1  |
| BRW108997 | Soil | 600274     | 7004491    | 07V      | 0.8  | 52.4  | 24.9 | 140 | 0.2  | 47.2  | 20.7 |
| BRW113514 | Soil | 601155     | 7004420    | 07V      | 1.7  | 21.5  | 11.8 | 155 | 0.2  | 40.2  | 12.6 |
| BRW113518 | Soil | 601004     | 7004301    | 07V      | 8.4  | 50.2  | 16.5 | 114 | 0.05 | 44.2  | 15   |
| BRW113519 | Soil | 600965     | 7004270    | 07V      | 1.5  | 41.7  | 10.8 | 89  | 0.1  | 37.7  | 14.1 |
| BRW113578 | Soil | 599000     | 7002226    | 07V      | 0.3  | 92.8  | 4    | 48  | 0.05 | 26.5  | 15.1 |
| BRW113579 | Soil | 599000     | 7002226    | 07V      | 0.2  | 73.5  | 3.3  | 37  | 0.05 | 20.6  | 12   |
| BRW113580 | Soil | 599038     | 7002257    | 07V      | 0.3  | 38.6  | 3.8  | 68  | 0.05 | 35.7  | 16.3 |
| BRW113583 | Soil | 599158     | 7002350    | 07V      | 0.7  | 46.1  | 5.3  | 55  | 0.05 | 47.2  | 16.7 |
| BRW113583 | REP  | 599158     | 7002350    | 07V      | 0.7  | 45    | 4.9  | 54  | 0.05 | 45    | 16.1 |
| BRW113584 | Soil | 599196     | 7002380    | 07V      | 1.3  | 48.7  | 7.1  | 66  | 0.05 | 26    | 11.4 |
| BRW113586 | Soil | 599276     | 7002444    | 07V      | 1.5  | 39.2  | 8.5  | 70  | 0.05 | 19.2  | 12.9 |
| BRW113590 | Soil | 599432     | 7002564    | 07V      | 0.9  | 34.3  | 4.1  | 73  | 0.05 | 34.9  | 20.7 |
| BRW113592 | Soil | 599509     | 7002625    | 07V      | 1.3  | 23.9  | 11.6 | 69  | 0.05 | 25.9  | 11.1 |
| BRW113597 | Soil | 599708     | 7002781    | 07V      | 0.3  | 48.9  | 5    | 21  | 0.05 | 37.7  | 21   |
| BRW113599 | Soil | 599786     | 7002840    | 07V      | 0.05 | 35.7  | 3.9  | 17  | 0.05 | 35.4  | 10.1 |
| BRW113600 | Soil | 599826     | 7002871    | 07V      | 0.05 | 50    | 1.9  | 14  | 0.05 | 52.6  | 17.7 |
| BRW113602 | Soil | 599903     | 7002934    | 07V      | 0.5  | 40.1  | 5.7  | 34  | 0.05 | 35.6  | 14.1 |
| BRW113603 | Soil | 599943     | 7002964    | 07V      | 0.5  | 38.1  | 6.6  | 36  | 0.05 | 28.2  | 14.7 |
| BRW113621 | Soil | 600093     | 7001557    | 07V      | 0.3  | 50.3  | 2    | 94  | 0.05 | 10.2  | 24.4 |
| BRW113623 | Soil | 600133     | 7001589    | 07V      | 2.8  | 48.7  | 41.9 | 214 | 0.05 | 50.1  | 18.4 |
| BRW113624 | Soil | 600170     | 7001618    | 07V      | 0.9  | 68.7  | 4.8  | 92  | 0.05 | 51.2  | 28   |
| BRW113624 | REP  | 600170     | 7001618    | 07V      | 1    | 66.9  | 4.8  | 91  | 0.05 | 49.2  | 27.2 |
| BRW113625 | Soil | 600210     | 7001649    | 07V      | 0.7  | 55.2  | 6.1  | 82  | 0.05 | 44.2  | 25.4 |
| BRW113626 | Soil | 600249     | 7001679    | 07V      | 2.5  | 70    | 6.1  | 132 | 0.05 | 54.8  | 25.6 |
| BRW113627 | Soil | 600287     | 7001708    | 07V      | 0.8  | 25.2  | 6.2  | 51  | 0.05 | 20.3  | 12.3 |
| BRW113627 | REP  | 600287     | 7001708    | 07V      | 0.6  | 22.5  | 5.4  | 45  | 0.05 | 17.9  | 10.7 |
| BRW113628 | Soil | 600325     | 7001741    | 07V      | 0.5  | 33.2  | 5.8  | 51  | 0.05 | 22.4  | 11.9 |
| BRW113629 | Soil | 600365     | 7001770    | 07V      | 0.7  | 45.4  | 19.2 | 126 | 0.2  | 34.4  | 13.6 |
| BRW113630 | Soil | 600406     | 7001801    | 07V      | 0.9  | 46.6  | 9.1  | 112 | 0.1  | 27.9  | 15.8 |
| BRW113631 | Soil | 600406     | 7001801    | 07V      | 0.8  | 47.8  | 8.8  | 105 | 0.05 | 30.5  | 16.9 |
| BRW113632 | Soil | 600446     | 7001835    | 07V      | 1.4  | 42.4  | 23.8 | 127 | 0.2  | 33.8  | 11.5 |
| BRW113633 | Soil | 600484     | 7001864    | 07V      | 1.2  | 34    | 16.2 | 121 | 0.1  | 40.8  | 16.2 |
| BRW113634 | Soil | 600525     | 7001894    | 07V      | 1.4  | 342.8 | 19.3 | 309 | 0.05 | 20.7  | 19.1 |
| BRW113635 | Soil | 600563     | 7001925    | 07V      | 1.3  | 50    | 26.7 | 108 | 0.05 | 44.9  | 14.6 |
| BRW113636 | Soil | 600606     | 7001957    | 07V      | 1.4  | 24    | 11.2 | 47  | 0.8  | 14.1  | 5    |
| BRW113637 | Soil | 600643     | 7001987    | 07V      | 1.6  | 49.3  | 17.2 | 625 | 0.05 | 31.6  | 18.8 |
| BRW113638 | Soil | 600682     | 7002019    | 07V      | 0.4  | 91.9  | 13.4 | 69  | 0.1  | 115.9 | 25.7 |
| BRW113639 | Soil | 600721     | 7002048    | 07V      | 0.3  | 86    | 3.6  | 27  | 0.05 | 87.4  | 18.2 |
| BRW113640 | Soil | 600760     | 7002080    | 07V      | 0.4  | 43.3  | 5.4  | 73  | 0.05 | 35    | 15.1 |
| BRW113641 | Soil | 600800     | 7002110    | 07V      | 0.2  | 34.1  | 3.3  | 31  | 0.05 | 29.2  | 13   |
| BRW113642 | Soil | 600800     | 7002110    | 07V      | 0.2  | 35.2  | 2.6  | 29  | 0.05 | 29.4  | 13.1 |
| BRW113643 | Soil | 600837     | 7002142    | 07V      | 0.7  | 34    | 7    | 49  | 0.05 | 28.7  | 12.1 |
| BRW113644 | Soil | 600880     | 7002172    | 07V      | 0.5  | 38.1  | 6.3  | 52  | 0.05 | 38.9  | 14.3 |
| BRW113645 | Soil | 600920     | 7002202    | 07V      | 0.6  | 31    | 8    | 54  | 0.1  | 25.2  | 11   |
| BRW113646 | Soil | 600958     | 7002235    | 07V      | 0.8  | 37.9  | 8.7  | 67  | 0.1  | 31    | 12.2 |
| BRW113693 | Soil | 600805     | 7004148    | 07V      | 0.6  | 33.4  | 15.1 | 116 | 0.05 | 119.7 | 19.4 |
| BRW113694 | Soil | 600766     | 7004114    | 07V      | 1.3  | 60.8  | 30.9 | 116 | 0.05 | 48.2  | 11   |
| BRW113694 | REP  | 600766     | 7004114    | 07V      | 1.3  | 60.4  | 32.1 | 117 | 0.05 | 48.6  | 11.1 |
| BRW113698 | Soil | 600605     | 7003991    | 07V      | 1.6  | 50.6  | 9.7  | 155 | 0.05 | 55    | 20.3 |

| SampleID  | Mn  | Fe   | As_   | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba   |
|-----------|-----|------|-------|-----|------|------|-----|------|------|------|-----|------|-------|----|-----|------|------|
| BRW108790 | 910 | 5.41 | 1.2   | 0.8 | 2.7  | 12.5 | 20  | 0.1  | 0.05 | 0.05 | 255 | 1.01 | 0.151 | 24 | 69  | 2.04 | 272  |
| BRW108792 | 173 | 1.21 | 0.5   | 0.2 | 1.9  | 0.8  | 25  | 0.05 | 0.05 | 0.05 | 15  | 0.38 | 0.006 | 3  | 39  | 1.66 | 32   |
| BRW108793 | 115 | 1.01 | 1.7   | 0.2 | 1.2  | 1.1  | 158 | 0.05 | 0.05 | 0.05 | 20  | 1.95 | 0.015 | 3  | 82  | 0.6  | 110  |
| BRW108794 | 155 | 1.3  | 2.4   | 0.3 | 1.3  | 1.2  | 99  | 0.05 | 0.1  | 0.05 | 27  | 1.57 | 0.013 | 4  | 107 | 0.76 | 118  |
| BRW108796 | 199 | 2.24 | 5     | 0.8 | 1.5  | 3.9  | 40  | 0.05 | 0.3  | 0.05 | 60  | 0.53 | 0.017 | 13 | 63  | 0.7  | 142  |
| BRW108799 | 227 | 2.19 | 4.1   | 0.6 | 1.3  | 2.8  | 34  | 0.1  | 0.3  | 0.05 | 57  | 0.75 | 0.064 | 10 | 37  | 0.97 | 132  |
| BRW108802 | 402 | 2.43 | 1.6   | 0.2 | 0.25 | 1.2  | 28  | 0.05 | 0.05 | 0.05 | 58  | 0.77 | 0.044 | 5  | 120 | 1.73 | 55   |
| BRW108806 | 516 | 4.91 | 5     | 1.4 | 0.9  | 32   | 17  | 0.1  | 0.2  | 0.05 | 58  | 0.17 | 0.053 | 74 | 28  | 0.33 | 190  |
| BRW108897 | 497 | 4.61 | 3     | 0.9 | 2.6  | 16.2 | 15  | 0.05 | 0.1  | 0.05 | 72  | 0.42 | 0.048 | 49 | 61  | 1.4  | 262  |
| BRW108897 | 482 | 4.46 | 3.1   | 0.9 | 1.8  | 16.3 | 15  | 0.1  | 0.1  | 0.05 | 70  | 0.42 | 0.047 | 49 | 60  | 1.43 | 254  |
| BRW108898 | 649 | 4.37 | 5.1   | 0.7 | 2.5  | 13.6 | 24  | 0.05 | 0.4  | 0.1  | 73  | 0.55 | 0.063 | 49 | 59  | 1.15 | 269  |
| BRW108899 | 737 | 4.66 | 4.6   | 0.6 | 3    | 13.8 | 22  | 0.05 | 0.3  | 0.1  | 77  | 0.59 | 0.071 | 46 | 60  | 1.31 | 294  |
| BRW108900 | 714 | 4.79 | 3.1   | 0.9 | 0.25 | 14.7 | 19  | 0.05 | 0.2  | 0.05 | 84  | 0.75 | 0.127 | 46 | 67  | 1.17 | 407  |
| BRW108993 | 216 | 2.89 | 6     | 1.4 | 7.1  | 7.4  | 21  | 0.05 | 0.5  | 0.2  | 58  | 0.32 | 0.054 | 25 | 34  | 0.61 | 400  |
| BRW108997 | 593 | 4.22 | 46    | 1.8 | 7.1  | 5.6  | 22  | 0.4  | 1.7  | 0.2  | 94  | 0.91 | 0.125 | 22 | 53  | 1.03 | 485  |
| BRW113514 | 342 | 4.49 | 98.1  | 0.9 | 3.6  | 6.4  | 66  | 0.2  | 1.3  | 0.1  | 65  | 3.46 | 0.064 | 19 | 53  | 0.95 | 176  |
| BRW113518 | 613 | 4.61 | 11.9  | 1.6 | 5.5  | 12.9 | 23  | 0.1  | 1    | 0.3  | 45  | 0.31 | 0.053 | 32 | 27  | 0.27 | 230  |
| BRW113519 | 411 | 3.95 | 9.8   | 1.9 | 6.8  | 9.6  | 33  | 0.1  | 1.3  | 0.2  | 49  | 0.3  | 0.052 | 27 | 31  | 0.38 | 264  |
| BRW113578 | 392 | 3.08 | 3.6   | 0.4 | 0.7  | 1.1  | 101 | 0.05 | 0.1  | 0.05 | 99  | 2.52 | 0.068 | 4  | 47  | 1.26 | 177  |
| BRW113579 | 307 | 2.17 | 2.1   | 0.3 | 1.2  | 0.8  | 82  | 0.05 | 0.05 | 0.05 | 77  | 2.09 | 0.053 | 3  | 37  | 0.98 | 139  |
| BRW113580 | 399 | 3.31 | 3.9   | 0.3 | 0.25 | 1.5  | 224 | 0.05 | 0.2  | 0.05 | 88  | 1.4  | 0.107 | 5  | 54  | 1.24 | 154  |
| BRW113583 | 426 | 3.12 | 5     | 0.4 | 0.8  | 1.9  | 138 | 0.05 | 0.2  | 0.05 | 87  | 1.16 | 0.073 | 7  | 73  | 1.15 | 179  |
| BRW113583 | 411 | 3.01 | 4.7   | 0.4 | 0.8  | 1.8  | 131 | 0.05 | 0.3  | 0.05 | 84  | 1.11 | 0.071 | 7  | 69  | 1.14 | 171  |
| BRW113584 | 243 | 3.31 | 5     | 0.6 | 0.9  | 2.5  | 59  | 0.05 | 0.2  | 0.05 | 106 | 0.73 | 0.073 | 12 | 40  | 0.7  | 174  |
| BRW113586 | 372 | 3.81 | 4.9   | 0.5 | 1.1  | 2.4  | 72  | 0.05 | 0.2  | 0.05 | 112 | 0.87 | 0.113 | 10 | 32  | 0.78 | 152  |
| BRW113590 | 562 | 3.76 | 3.9   | 0.8 | 0.5  | 3.9  | 106 | 0.1  | 0.1  | 0.05 | 87  | 1.19 | 0.081 | 13 | 121 | 1.64 | 357  |
| BRW113592 | 333 | 3.4  | 10.2  | 1.1 | 2.7  | 10.4 | 23  | 0.05 | 0.3  | 0.1  | 64  | 0.32 | 0.042 | 34 | 43  | 0.52 | 232  |
| BRW113597 | 157 | 1.83 | 3     | 0.8 | 0.25 | 10.6 | 72  | 0.05 | 0.1  | 0.05 | 75  | 1    | 0.008 | 20 | 60  | 0.99 | 161  |
| BRW113599 | 134 | 1.03 | 1.1   | 0.4 | 0.8  | 3.2  | 86  | 0.05 | 0.05 | 0.05 | 23  | 1.35 | 0.01  | 9  | 180 | 0.86 | 81   |
| BRW113600 | 213 | 1.5  | 1.5   | 0.4 | 1.1  | 2.7  | 63  | 0.05 | 0.05 | 0.05 | 58  | 1.53 | 0.012 | 7  | 123 | 1.34 | 53   |
| BRW113602 | 223 | 2.33 | 4.9   | 0.6 | 1.3  | 3.3  | 38  | 0.05 | 0.3  | 0.05 | 72  | 0.57 | 0.024 | 10 | 67  | 0.97 | 151  |
| BRW113603 | 484 | 2.39 | 4.4   | 0.8 | 2.7  | 2.8  | 33  | 0.05 | 0.3  | 0.05 | 64  | 0.93 | 0.167 | 11 | 34  | 0.78 | 196  |
| BRW113621 | 915 | 5.92 | 2.9   | 0.4 | 1.4  | 2.5  | 78  | 0.05 | 0.1  | 0.05 | 131 | 0.89 | 0.119 | 10 | 16  | 2.28 | 422  |
| BRW113623 | 682 | 5.93 | 43.8  | 1.4 | 1.8  | 22   | 28  | 0.7  | 2.1  | 0.05 | 97  | 0.78 | 0.134 | 70 | 65  | 1.22 | 1344 |
| BRW113624 | 810 | 5.88 | 100.5 | 0.7 | 0.25 | 5.7  | 34  | 0.1  | 0.7  | 0.05 | 122 | 0.85 | 0.108 | 15 | 175 | 2.32 | 715  |
| BRW113624 | 785 | 5.68 | 97.3  | 0.6 | 0.5  | 5.9  | 33  | 0.1  | 0.7  | 0.05 | 121 | 0.8  | 0.097 | 15 | 170 | 2.27 | 690  |
| BRW113625 | 582 | 5.22 | 7.4   | 1.1 | 0.25 | 8.1  | 80  | 0.1  | 0.1  | 0.05 | 114 | 1.28 | 0.101 | 16 | 155 | 2.11 | 502  |
| BRW113626 | 853 | 6.7  | 96.6  | 1.3 | 1.1  | 13.9 | 43  | 0.3  | 0.8  | 0.05 | 151 | 1.17 | 0.171 | 31 | 93  | 1.85 | 500  |
| BRW113627 | 704 | 2.64 | 9.5   | 0.8 | 3.1  | 2.7  | 66  | 0.2  | 0.4  | 0.05 | 64  | 1.28 | 0.089 | 12 | 34  | 0.6  | 234  |
| BRW113627 | 619 | 2.32 | 8.3   | 0.7 | 1.3  | 2.3  | 58  | 0.2  | 0.4  | 0.05 | 57  | 1.1  | 0.078 | 10 | 29  | 0.55 | 204  |
| BRW113628 | 444 | 2.73 | 8.3   | 0.9 | 1    | 2.2  | 65  | 0.1  | 0.4  | 0.05 | 61  | 1.6  | 0.077 | 12 | 34  | 0.65 | 274  |
| BRW113629 | 417 | 3.33 | 8.3   | 0.8 | 2    | 3.6  | 38  | 0.2  | 0.4  | 0.2  | 71  | 1.33 | 0.075 | 18 | 54  | 1.01 | 261  |
| BRW113630 | 467 | 5.05 | 2     | 0.9 | 1.8  | 10.2 | 34  | 0.05 | 0.05 | 0.05 | 98  | 0.32 | 0.051 | 29 | 60  | 1.51 | 298  |
| BRW113631 | 508 | 4.85 | 1.9   | 1   | 2.2  | 10.9 | 29  | 0.05 | 0.1  | 0.1  | 92  | 0.34 | 0.047 | 32 | 62  | 1.57 | 286  |
| BRW113632 | 388 | 3.52 | 5.5   | 1.3 | 1    | 10.6 | 14  | 0.1  | 0.2  | 0.2  | 77  | 0.24 | 0.064 | 21 | 49  | 0.71 | 277  |
| BRW113633 | 557 | 4.02 | 3.6   | 1.1 | 0.6  | 12.7 | 16  | 0.05 | 0.2  | 0.2  | 78  | 0.22 | 0.058 | 28 | 56  | 0.77 | 345  |
| BRW113634 | 487 | 5.96 | 2.6   | 2.2 | 2.4  | 15.8 | 17  | 0.4  | 0.2  | 0.6  | 97  | 0.31 | 0.029 | 31 | 87  | 1.43 | 281  |
| BRW113635 | 367 | 3.93 | 21.4  | 1.6 | 2.6  | 10.6 | 24  | 0.05 | 0.9  | 0.3  | 49  | 0.32 | 0.026 | 34 | 57  | 0.34 | 297  |
| BRW113636 | 138 | 2.73 | 23.7  | 0.8 | 2.1  | 6.5  | 19  | 0.05 | 0.4  | 0.1  | 41  | 0.1  | 0.029 | 19 | 23  | 0.24 | 151  |
| BRW113637 | 406 | 4.68 | 2     | 1.6 | 1.3  | 8.4  | 27  | 1.8  | 0.1  | 0.1  | 71  | 0.26 | 0.025 | 31 | 56  | 1.29 | 596  |
| BRW113638 | 400 | 3.5  | 3.3   | 1   | 1.8  | 11.4 | 95  | 0.05 | 0.05 | 0.1  | 144 | 1.71 | 0.075 | 25 | 93  | 2.34 | 123  |
| BRW113639 | 172 | 1.98 | 3.1   | 0.4 | 0.25 | 2.2  | 50  | 0.05 | 0.1  | 0.05 | 42  | 0.84 | 0.185 | 7  | 34  | 1.13 | 185  |
| BRW113640 | 294 | 2.9  | 3.4   | 0.7 | 0.25 | 2.2  | 67  | 0.05 | 0.1  | 0.05 | 65  | 1.62 | 0.227 | 12 | 115 | 1.44 | 198  |
| BRW113641 | 222 | 2.18 | 2.5   | 0.5 | 0.25 | 1.9  | 41  | 0.05 | 0.05 | 0.05 | 60  | 1.41 | 0.318 | 6  | 32  | 0.97 | 173  |
| BRW113642 | 218 | 2.1  | 2.3   | 0.5 | 2.5  | 1.8  | 43  | 0.05 | 0.05 | 0.05 | 60  | 1.4  | 0.286 | 6  | 36  | 0.96 | 171  |
| BRW113643 | 291 | 2.44 | 6.5   | 1   | 0.25 | 3.9  | 34  | 0.05 | 0.4  | 0.1  | 58  | 0.63 | 0.096 | 13 | 31  | 0.66 | 240  |
| BRW113644 | 273 | 2.69 | 5.3   | 0.7 | 10.2 | 4.5  | 25  | 0.05 | 0.3  | 0.05 | 71  | 0.64 | 0.074 | 12 | 37  | 0.75 | 152  |
| BRW113645 | 402 | 2.43 | 7.4   | 1   | 0.25 | 3.5  | 36  | 0.2  | 0.5  | 0.2  | 57  | 0.62 | 0.063 | 13 | 30  | 0.59 | 286  |
| BRW113646 | 518 | 2.79 | 10.8  | 0.5 | 3.4  | 3.4  | 55  | 0.4  | 0.8  | 0.1  | 64  | 1.48 | 0.074 | 13 | 31  | 0.72 | 315  |
| BRW113693 | 604 | 5.17 | 129.4 | 3.5 | 3.7  | 10.4 | 20  | 0.05 | 1.3  | 0.2  | 88  | 0.37 | 0.087 | 26 | 159 | 1.1  | 253  |
| BRW113694 | 540 | 4.23 | 103.6 | 3.1 | 5.3  | 12.3 | 35  | 0.2  | 1.2  | 0.4  | 40  | 0.14 | 0.035 | 25 | 29  | 0.16 | 138  |
| BRW113694 | 555 | 4.43 | 105.7 | 3.3 | 4.4  | 12.6 | 34  | 0.1  | 1.1  | 0.4  | 40  | 0.12 | 0.036 | 25 | 29  | 0.16 | 141  |
| BRW113698 | 287 | 5.69 | 6.3   | 1.8 | 2.2  | 11.3 | 11  | 0.1  | 0.4  | 0.2  | 107 | 0.3  | 0.127 | 39 | 65  | 1.12 | 404  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW108790 | 0.1   | 0.5 | 3.41 | 0.014 | 0.68 | 0.05 | 0.02  | 11.9 | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000136 |
| BRW108792 | 0.037 | 0.5 | 1.9  | 0.02  | 0.02 | 0.05 | 0.01  | 1.6  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000136 |
| BRW108793 | 0.041 | 0.5 | 4.32 | 0.353 | 0.03 | 0.05 | 0.005 | 2    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108794 | 0.052 | 1   | 3.54 | 0.195 | 0.04 | 0.05 | 0.005 | 3.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW108796 | 0.101 | 0.5 | 2.25 | 0.032 | 0.04 | 0.05 | 0.01  | 5.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW108799 | 0.065 | 1   | 1.68 | 0.022 | 0.04 | 0.05 | 0.02  | 6.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW108802 | 0.081 | 1   | 1.76 | 0.032 | 0.05 | 0.05 | 0.005 | 6.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW108806 | 0.027 | 1   | 1.47 | 0.005 | 0.5  | 0.05 | 0.01  | 5.4  | 0.2  | 0.025 | 5  | 1    | 1DX15  | WHI10000136 |
| BRW108897 | 0.117 | 0.5 | 2.68 | 0.016 | 0.57 | 0.05 | 0.02  | 6.9  | 0.3  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000136 |
| BRW108897 | 0.116 | 0.5 | 2.78 | 0.017 | 0.58 | 0.05 | 0.02  | 7    | 0.4  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000136 |
| BRW108898 | 0.126 | 2   | 2.19 | 0.018 | 0.46 | 0.05 | 0.03  | 6.2  | 0.3  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000136 |
| BRW108899 | 0.141 | 2   | 2.46 | 0.02  | 0.54 | 0.05 | 0.03  | 6.2  | 0.3  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000136 |
| BRW108900 | 0.157 | 1   | 2.28 | 0.013 | 0.91 | 0.05 | 0.02  | 5.9  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW108993 | 0.097 | 2   | 1.69 | 0.014 | 0.21 | 0.1  | 0.03  | 4.9  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW108997 | 0.104 | 2   | 2.02 | 0.014 | 0.38 | 0.1  | 0.12  | 7.5  | 0.5  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000136 |
| BRW113514 | 0.056 | 3   | 1.58 | 0.012 | 0.2  | 0.2  | 0.06  | 5.3  | 0.3  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000136 |
| BRW113518 | 0.02  | 3   | 1.24 | 0.008 | 0.34 | 0.5  | 0.06  | 6.6  | 0.2  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000136 |
| BRW113519 | 0.042 | 4   | 1.19 | 0.012 | 0.26 | 0.2  | 0.07  | 6.1  | 0.2  | 0.06  | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW113578 | 0.128 | 0.5 | 4.78 | 0.035 | 0.14 | 0.05 | 0.005 | 7.9  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000136 |
| BRW113579 | 0.074 | 0.5 | 3.76 | 0.023 | 0.12 | 0.05 | 0.01  | 5.6  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW113580 | 0.175 | 1   | 2.74 | 0.083 | 0.11 | 0.05 | 0.005 | 6.5  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW113583 | 0.131 | 1   | 2.87 | 0.052 | 0.07 | 0.05 | 0.005 | 5.5  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW113583 | 0.123 | 2   | 2.77 | 0.049 | 0.07 | 0.05 | 0.01  | 5.2  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW113584 | 0.141 | 0.5 | 2.03 | 0.041 | 0.05 | 0.05 | 0.01  | 4.8  | 0.05 | 0.025 | 8  | 0.6  | 1DX15  | WHI10000136 |
| BRW113586 | 0.129 | 0.5 | 2.04 | 0.042 | 0.07 | 0.05 | 0.005 | 5    | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW113590 | 0.225 | 1   | 2.48 | 0.031 | 0.32 | 0.05 | 0.01  | 4.5  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113592 | 0.072 | 0.5 | 1.79 | 0.013 | 0.1  | 0.05 | 0.02  | 4.7  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000136 |
| BRW113597 | 0.129 | 0.5 | 3.64 | 0.055 | 0.05 | 0.05 | 0.01  | 6.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113599 | 0.043 | 0.5 | 3.39 | 0.113 | 0.05 | 0.05 | 0.005 | 4.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW113600 | 0.103 | 0.5 | 3.24 | 0.034 | 0.03 | 0.05 | 0.005 | 9    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW113602 | 0.094 | 1   | 2.32 | 0.026 | 0.04 | 0.05 | 0.02  | 6.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113603 | 0.093 | 1   | 1.88 | 0.02  | 0.04 | 0.05 | 0.02  | 6    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113621 | 0.162 | 2   | 3.21 | 0.017 | 0.44 | 0.05 | 0.005 | 7.6  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW113623 | 0.07  | 0.5 | 2.69 | 0.013 | 0.46 | 0.05 | 0.08  | 16.1 | 0.3  | 0.025 | 10 | 0.9  | 1DX15  | WHI10000136 |
| BRW113624 | 0.119 | 0.5 | 4.08 | 0.015 | 0.44 | 0.05 | 0.005 | 15.4 | 0.2  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000136 |
| BRW113624 | 0.12  | 0.5 | 3.93 | 0.014 | 0.43 | 0.05 | 0.005 | 15   | 0.2  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000136 |
| BRW113625 | 0.263 | 0.5 | 4.51 | 0.031 | 0.86 | 0.05 | 0.005 | 8.2  | 0.3  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000136 |
| BRW113626 | 0.176 | 0.5 | 3.4  | 0.025 | 0.65 | 0.05 | 0.02  | 9.3  | 0.2  | 0.025 | 12 | 0.6  | 1DX15  | WHI10000136 |
| BRW113627 | 0.067 | 1   | 1.39 | 0.026 | 0.06 | 0.1  | 0.03  | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW113627 | 0.06  | 2   | 1.26 | 0.025 | 0.06 | 0.05 | 0.05  | 3.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW113628 | 0.074 | 2   | 1.55 | 0.032 | 0.08 | 0.1  | 0.03  | 4.4  | 0.05 | 0.05  | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW113629 | 0.096 | 1   | 1.97 | 0.024 | 0.19 | 0.1  | 0.04  | 5.4  | 0.1  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000136 |
| BRW113630 | 0.131 | 0.5 | 2.83 | 0.039 | 0.88 | 0.05 | 0.01  | 6.9  | 0.3  | 0.18  | 9  | 0.5  | 1DX15  | WHI10000136 |
| BRW113631 | 0.131 | 0.5 | 2.83 | 0.036 | 0.92 | 0.05 | 0.01  | 6.9  | 0.3  | 0.1   | 9  | 0.5  | 1DX15  | WHI10000136 |
| BRW113632 | 0.102 | 0.5 | 1.75 | 0.01  | 0.7  | 0.1  | 0.02  | 4.3  | 0.6  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000136 |
| BRW113633 | 0.158 | 0.5 | 2    | 0.011 | 0.85 | 0.05 | 0.01  | 4.3  | 0.5  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000136 |
| BRW113634 | 0.173 | 0.5 | 2.54 | 0.012 | 0.77 | 0.05 | 0.01  | 8.4  | 0.5  | 0.025 | 10 | 2.2  | 1DX15  | WHI10000136 |
| BRW113635 | 0.01  | 0.5 | 1.49 | 0.008 | 0.14 | 0.05 | 0.02  | 9    | 0.2  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000136 |
| BRW113636 | 0.025 | 0.5 | 1.16 | 0.007 | 0.05 | 0.05 | 0.02  | 2    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW113637 | 0.115 | 0.5 | 2.97 | 0.016 | 0.31 | 0.05 | 0.01  | 5.7  | 0.2  | 0.025 | 9  | 0.9  | 1DX15  | WHI10000136 |
| BRW113638 | 0.162 | 2   | 4.47 | 0.046 | 0.09 | 0.05 | 0.01  | 10.4 | 0.05 | 0.025 | 12 | 0.25 | 1DX15  | WHI10000136 |
| BRW113639 | 0.1   | 0.5 | 2.34 | 0.042 | 0.09 | 0.05 | 0.005 | 2.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113640 | 0.159 | 3   | 3.86 | 0.107 | 0.28 | 0.05 | 0.005 | 5.1  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW113641 | 0.124 | 1   | 2.32 | 0.026 | 0.2  | 0.05 | 0.005 | 3.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113642 | 0.122 | 0.5 | 2.36 | 0.026 | 0.18 | 0.05 | 0.01  | 4    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113643 | 0.085 | 0.5 | 1.72 | 0.027 | 0.07 | 0.1  | 0.04  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113644 | 0.082 | 0.5 | 1.71 | 0.031 | 0.1  | 0.1  | 0.02  | 5.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113645 | 0.07  | 1   | 1.59 | 0.032 | 0.04 | 0.1  | 0.05  | 4.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113646 | 0.092 | 3   | 1.5  | 0.041 | 0.07 | 0.2  | 0.03  | 4.2  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000136 |
| BRW113693 | 0.075 | 2   | 2.07 | 0.008 | 0.61 | 0.1  | 0.09  | 16.1 | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113694 | 0.008 | 0.5 | 0.8  | 0.004 | 0.08 | 0.1  | 0.07  | 7.4  | 0.2  | 0.05  | 3  | 0.25 | 1DX15  | WHI10000136 |
| BRW113694 | 0.007 | 1   | 0.8  | 0.004 | 0.08 | 0.1  | 0.06  | 7.3  | 0.3  | 0.06  | 3  | 0.25 | 1DX15  | WHI10000136 |
| BRW113698 | 0.134 | 0.5 | 2.87 | 0.006 | 0.81 | 0.05 | 0.01  | 6.5  | 0.7  | 0.025 | 9  | 1    | 1DX15  | WHI10000136 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|-------|------|
| BRW113701 | Soil | 600485     | 7003900    | 07V      | 2.7 | 28.9 | 17.8 | 64  | 0.05 | 33    | 9.4  |
| BRW113708 | Soil | 600210     | 7003683    | 07V      | 3.7 | 26.1 | 8.2  | 96  | 0.05 | 17.7  | 13.4 |
| BRW113709 | Soil | 600171     | 7003654    | 07V      | 1.4 | 40.5 | 7.5  | 78  | 0.3  | 31.4  | 22.2 |
| BRW113710 | Soil | 600134     | 7003620    | 07V      | 1.6 | 53.4 | 69.4 | 124 | 0.2  | 50.9  | 19   |
| BRW113711 | Soil | 600091     | 7003586    | 07V      | 2.8 | 32.2 | 9.8  | 62  | 0.1  | 29    | 15.9 |
| BRW113712 | Soil | 600051     | 7003559    | 07V      | 3.4 | 52.9 | 10.6 | 98  | 0.2  | 58.4  | 20.4 |
| BRW113713 | Soil | 600014     | 7003529    | 07V      | 2.8 | 48.3 | 7.6  | 168 | 0.2  | 180.1 | 30.9 |
| BRW113713 | REP  | 600014     | 7003529    | 07V      | 2.7 | 45.6 | 7.6  | 162 | 0.2  | 175.4 | 30.8 |
| BRW113714 | Soil | 600014     | 7003529    | 07V      | 3.6 | 45.3 | 12   | 139 | 0.1  | 68.8  | 19.8 |
| BRW113715 | Soil | 599976     | 7003494    | 07V      | 2.5 | 56.8 | 19.3 | 150 | 0.2  | 47.5  | 13.4 |
| BRW113718 | Soil | 599857     | 7003404    | 07V      | 1.2 | 50.3 | 10.7 | 101 | 0.05 | 52.8  | 11.5 |
| BRW113719 | Soil | 599816     | 7003372    | 07V      | 0.8 | 94.9 | 19.6 | 152 | 0.05 | 81.9  | 21   |
| BRW113719 | REP  | 599816     | 7003372    | 07V      | 1   | 93.4 | 20   | 149 | 0.05 | 82.4  | 21.3 |
| BRW113727 | Soil | 599265     | 7002941    | 07V      | 1.8 | 16.9 | 13.4 | 60  | 0.05 | 18.3  | 8.1  |
| BRW113729 | Soil | 599187     | 7002878    | 07V      | 0.6 | 21   | 4.7  | 76  | 0.05 | 20.9  | 17.6 |
| BRW113731 | Soil | 599109     | 7002816    | 07V      | 0.8 | 45   | 5.2  | 84  | 0.1  | 25.2  | 19.5 |
| BRW113735 | Soil | 598910     | 7002664    | 07V      | 0.5 | 43.8 | 5.7  | 69  | 0.05 | 108.5 | 23.5 |
| BRW113736 | Soil | 598871     | 7002633    | 07V      | 0.5 | 34.9 | 6.9  | 59  | 0.05 | 22    | 13   |
| BRW113737 | Soil | 598832     | 7002602    | 07V      | 0.4 | 72   | 3.4  | 73  | 0.05 | 29.9  | 22.2 |
| BRW113739 | Soil | 598753     | 7002540    | 07V      | 0.4 | 21.4 | 6.1  | 69  | 0.05 | 21.5  | 15.5 |
| BRW113777 | Soil | 600036     | 7003417    | 07V      | 1.9 | 60.5 | 16.9 | 138 | 0.3  | 49.1  | 22.6 |
| BRW113778 | Soil | 600000     | 7003387    | 07V      | 1.5 | 33.5 | 10.8 | 84  | 0.05 | 38.1  | 18.5 |
| BRW113779 | Soil | 599959     | 7003355    | 07V      | 0.9 | 43   | 13.7 | 68  | 0.1  | 40.1  | 14.3 |
| BRW113780 | Soil | 599921     | 7003325    | 07V      | 0.7 | 50.7 | 8    | 71  | 0.05 | 54.4  | 22.7 |
| BRW113781 | Soil | 599881     | 7003294    | 07V      | 2.5 | 60.6 | 23.8 | 101 | 0.05 | 89.5  | 31.1 |
| BRW113782 | Soil | 599842     | 7003261    | 07V      | 0.3 | 33.4 | 4    | 22  | 0.05 | 51.6  | 17   |
| BRW113783 | Soil | 599803     | 7003232    | 07V      | 0.2 | 31.6 | 3.5  | 14  | 0.05 | 22.3  | 12.2 |
| BRW113784 | Soil | 599761     | 7003200    | 07V      | 0.6 | 34.3 | 6.7  | 44  | 0.05 | 34.6  | 12.3 |
| BRW113785 | Soil | 599724     | 7003169    | 07V      | 0.4 | 28.5 | 5.5  | 33  | 0.05 | 35.3  | 11.7 |
| BRW113786 | Soil | 599685     | 7003139    | 07V      | 0.5 | 27.7 | 7.7  | 45  | 0.05 | 21.1  | 9.9  |
| BRW113787 | Soil | 599645     | 7003105    | 07V      | 0.7 | 32.6 | 6.7  | 38  | 0.05 | 23.6  | 10   |
| BRW113788 | Soil | 599607     | 7003075    | 07V      | 0.2 | 37.2 | 5    | 18  | 0.05 | 36.2  | 11.1 |
| BRW113789 | Soil | 599564     | 7003046    | 07V      | 0.4 | 40.7 | 5.3  | 34  | 0.05 | 20.6  | 23.7 |
| BRW113790 | Soil | 599528     | 7003014    | 07V      | 0.5 | 29.2 | 6.8  | 48  | 0.05 | 24.7  | 21.3 |
| BRW113792 | Soil | 599448     | 7002951    | 07V      | 1   | 45.3 | 20.9 | 26  | 0.05 | 54.8  | 16.1 |
| BRW113793 | Soil | 599406     | 7002922    | 07V      | 1.1 | 79.1 | 13.3 | 25  | 0.05 | 65.9  | 18.8 |
| BRW113794 | Soil | 599369     | 7002892    | 07V      | 3.4 | 55.8 | 14.7 | 103 | 0.2  | 45    | 10.8 |
| BRW113795 | Soil | 599332     | 7002862    | 07V      | 1.4 | 39.8 | 13.6 | 60  | 0.1  | 32.5  | 13.1 |
| BRW113796 | Soil | 599290     | 7002831    | 07V      | 1.6 | 32.2 | 14.9 | 79  | 0.1  | 37.7  | 13   |
| BRW113797 | Soil | 599251     | 7002798    | 07V      | 1.1 | 52.3 | 12.4 | 55  | 0.2  | 37.7  | 14.9 |
| BRW113798 | Soil | 599203     | 7002766    | 07V      | 1.5 | 37.2 | 12.4 | 71  | 0.05 | 23.3  | 13   |
| BRW113800 | Soil | 599564     | 7003046    | 07V      | 0.4 | 39.5 | 6    | 34  | 0.05 | 19.8  | 23.1 |
| BRW113814 | Soil | 599348     | 7001866    | 07V      | 0.2 | 80.4 | 2.1  | 60  | 0.05 | 28.1  | 19   |
| BRW113815 | Soil | 599385     | 7001892    | 07V      | 0.4 | 98   | 5.2  | 61  | 0.05 | 34    | 21.2 |
| BRW113825 | Soil | 599742     | 7002171    | 07V      | 0.5 | 36.6 | 6.3  | 69  | 0.05 | 31.9  | 14.7 |
| BRW113828 | Soil | 599860     | 7002264    | 07V      | 0.2 | 44.5 | 8.5  | 238 | 0.05 | 27.3  | 16.3 |
| BRW113828 | REP  | 599860     | 7002264    | 07V      | 0.2 | 47.8 | 9    | 239 | 0.05 | 27.9  | 16.7 |
| BRW113832 | Soil | 600017     | 7002387    | 07V      | 1.6 | 42.9 | 13.5 | 191 | 0.05 | 68.5  | 12.9 |
| BRW113833 | Soil | 600058     | 7002418    | 07V      | 1.4 | 22.6 | 12.8 | 49  | 0.2  | 19.4  | 8.6  |
| BRW113836 | Soil | 600173     | 7002508    | 07V      | 0.3 | 40.1 | 4.3  | 49  | 0.05 | 41.5  | 15.8 |
| BRW113909 | Soil | 599712     | 7002530    | 07V      | 1.5 | 33.1 | 15.4 | 96  | 0.1  | 29.9  | 9.9  |
| BRW113910 | Soil | 599752     | 7002560    | 07V      | 5.2 | 29.1 | 19.5 | 267 | 0.1  | 58.3  | 19.5 |
| BRW113911 | Soil | 599790     | 7002592    | 07V      | 1.8 | 31   | 11   | 126 | 0.1  | 138   | 19.1 |
| BRW113912 | Soil | 599829     | 7002621    | 07V      | 0.5 | 35.2 | 8.7  | 75  | 0.1  | 37.9  | 19.1 |
| BRW113913 | Soil | 599870     | 7002652    | 07V      | 0.3 | 45.9 | 16.4 | 92  | 0.05 | 70.2  | 25.9 |
| BRW113913 | REP  | 599870     | 7002652    | 07V      | 0.3 | 45.5 | 15.6 | 94  | 0.1  | 72.2  | 26.2 |
| BRW113914 | Soil | 599909     | 7002683    | 07V      | 0.2 | 34.3 | 4.5  | 46  | 0.05 | 43.1  | 19.8 |
| BRW113917 | Soil | 600066     | 7002806    | 07V      | 0.5 | 31.7 | 8.2  | 53  | 0.05 | 30.2  | 9.9  |
| BRW113920 | Soil | 600186     | 7002900    | 07V      | 0.6 | 27.4 | 6.7  | 39  | 0.05 | 22.4  | 11.3 |
| BRW113925 | Soil | 600320     | 7003131    | 07V      | 2.8 | 66.8 | 14.8 | 176 | 0.1  | 51.2  | 18.6 |
| BRW113926 | Soil | 600362     | 7003163    | 07V      | 6.3 | 60.6 | 13.4 | 127 | 0.05 | 38.7  | 18.9 |
| BRW113929 | Soil | 600479     | 7003256    | 07V      | 0.6 | 44.5 | 3.6  | 54  | 0.05 | 51.8  | 26.2 |
| BRW114064 | Soil | 599244     | 7001910    | 07V      | 1   | 57.7 | 6.6  | 55  | 0.05 | 18.6  | 16   |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|-----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW113701 | 427  | 3.8  | 81   | 0.8 | 3.6  | 5.4  | 19  | 0.1  | 1.8  | 0.2  | 59  | 0.13 | 0.04  | 16 | 33  | 0.36 | 202 |
| BRW113708 | 580  | 4.79 | 4.4  | 1.2 | 3.7  | 21.8 | 18  | 0.05 | 0.2  | 0.05 | 47  | 0.6  | 0.187 | 53 | 16  | 0.51 | 246 |
| BRW113709 | 740  | 4.51 | 11.6 | 0.9 | 9.2  | 4.8  | 34  | 0.2  | 0.4  | 0.05 | 98  | 0.92 | 0.106 | 22 | 40  | 1.81 | 353 |
| BRW113710 | 618  | 4.95 | 31.5 | 0.8 | 4.5  | 18.9 | 30  | 0.2  | 1.1  | 0.05 | 100 | 0.9  | 0.107 | 58 | 74  | 1.47 | 819 |
| BRW113711 | 754  | 3.17 | 17.6 | 1.2 | 1.5  | 6    | 43  | 0.1  | 0.5  | 0.1  | 52  | 0.94 | 0.04  | 23 | 33  | 0.6  | 351 |
| BRW113712 | 652  | 4.57 | 30.5 | 1   | 2.5  | 8.1  | 39  | 0.3  | 0.6  | 0.05 | 66  | 0.7  | 0.048 | 29 | 50  | 0.81 | 322 |
| BRW113713 | 870  | 6.61 | 38.2 | 0.9 | 6.2  | 13.7 | 42  | 0.2  | 1    | 0.05 | 65  | 0.91 | 0.1   | 51 | 138 | 1.21 | 436 |
| BRW113713 | 881  | 6.75 | 37.6 | 0.9 | 5.4  | 13.7 | 43  | 0.2  | 0.9  | 0.05 | 67  | 0.94 | 0.096 | 51 | 143 | 1.18 | 440 |
| BRW113714 | 805  | 5.62 | 48.5 | 0.9 | 5.2  | 10.4 | 34  | 0.3  | 1.2  | 0.05 | 59  | 0.49 | 0.065 | 37 | 57  | 0.59 | 436 |
| BRW113715 | 368  | 3.1  | 42.9 | 1.7 | 0.6  | 20   | 37  | 0.2  | 1.2  | 0.05 | 37  | 0.26 | 0.053 | 33 | 23  | 0.17 | 231 |
| BRW113718 | 543  | 2.73 | 7    | 0.6 | 0.9  | 4.2  | 29  | 0.05 | 0.3  | 0.05 | 71  | 0.44 | 0.049 | 17 | 25  | 0.88 | 253 |
| BRW113719 | 1122 | 3.51 | 5.1  | 1.2 | 1.6  | 10.4 | 18  | 0.05 | 0.2  | 0.1  | 108 | 0.27 | 0.094 | 25 | 38  | 1.73 | 845 |
| BRW113719 | 1135 | 3.56 | 5.1  | 1.3 | 1.2  | 10.3 | 17  | 0.05 | 0.1  | 0.1  | 109 | 0.27 | 0.09  | 26 | 38  | 1.72 | 861 |
| BRW113727 | 368  | 3.28 | 6.5  | 0.8 | 2.4  | 13.8 | 15  | 0.2  | 0.5  | 0.2  | 52  | 0.25 | 0.047 | 35 | 27  | 0.32 | 129 |
| BRW113729 | 517  | 4.03 | 4.1  | 0.4 | 0.8  | 3.3  | 43  | 0.1  | 0.2  | 0.05 | 81  | 0.74 | 0.092 | 5  | 62  | 1.26 | 275 |
| BRW113731 | 611  | 4.98 | 12.5 | 0.6 | 1.3  | 2.6  | 65  | 0.05 | 0.5  | 0.05 | 143 | 1.1  | 0.154 | 9  | 38  | 1.33 | 159 |
| BRW113735 | 496  | 3.58 | 5.8  | 0.4 | 3    | 3.3  | 46  | 0.2  | 0.4  | 0.05 | 72  | 0.87 | 0.092 | 11 | 243 | 1.77 | 287 |
| BRW113736 | 270  | 3.03 | 5.6  | 0.7 | 2    | 3.3  | 57  | 0.05 | 0.4  | 0.1  | 83  | 0.64 | 0.082 | 11 | 44  | 0.87 | 232 |
| BRW113737 | 821  | 3.85 | 3.3  | 0.3 | 0.25 | 1.5  | 108 | 0.2  | 0.2  | 0.05 | 96  | 1.09 | 0.108 | 3  | 63  | 1.38 | 205 |
| BRW113739 | 443  | 3.66 | 5.4  | 0.3 | 0.25 | 1.7  | 112 | 0.1  | 0.4  | 0.05 | 73  | 0.91 | 0.044 | 5  | 30  | 1.25 | 198 |
| BRW113777 | 642  | 5.29 | 22.4 | 1.3 | 4    | 12.2 | 27  | 0.8  | 1    | 0.05 | 87  | 1.12 | 0.115 | 41 | 55  | 1.21 | 317 |
| BRW113778 | 418  | 4.31 | 9.7  | 0.5 | 1.9  | 4.3  | 17  | 0.05 | 0.4  | 0.05 | 81  | 0.46 | 0.067 | 14 | 68  | 1.38 | 223 |
| BRW113779 | 430  | 3.48 | 17.2 | 0.7 | 4.4  | 5.7  | 26  | 0.1  | 0.5  | 0.05 | 76  | 0.71 | 0.071 | 21 | 60  | 1.07 | 286 |
| BRW113780 | 605  | 3.91 | 3.2  | 0.7 | 0.25 | 12.5 | 97  | 0.05 | 0.4  | 0.05 | 88  | 1.01 | 0.202 | 29 | 70  | 2.18 | 346 |
| BRW113781 | 1258 | 6.4  | 3.1  | 0.4 | 1    | 1.2  | 44  | 0.05 | 0.05 | 0.2  | 231 | 0.7  | 0.033 | 9  | 296 | 4.5  | 305 |
| BRW113782 | 260  | 2.19 | 2.7  | 0.2 | 1.3  | 1.2  | 55  | 0.05 | 0.05 | 0.05 | 47  | 1.18 | 0.034 | 3  | 43  | 1.23 | 115 |
| BRW113783 | 139  | 1.26 | 2.6  | 0.2 | 1.3  | 1.4  | 46  | 0.05 | 0.05 | 0.05 | 39  | 1.01 | 0.024 | 4  | 23  | 0.68 | 79  |
| BRW113784 | 278  | 2.37 | 6.8  | 0.8 | 3.3  | 7.2  | 39  | 0.05 | 0.3  | 0.1  | 59  | 0.54 | 0.058 | 20 | 54  | 0.88 | 150 |
| BRW113785 | 209  | 1.98 | 4.4  | 0.3 | 3    | 2.2  | 27  | 0.05 | 0.2  | 0.05 | 58  | 0.45 | 0.037 | 7  | 81  | 0.83 | 119 |
| BRW113786 | 196  | 2.23 | 5.3  | 0.7 | 1.5  | 4.3  | 28  | 0.05 | 0.3  | 0.1  | 54  | 0.52 | 0.051 | 13 | 51  | 0.73 | 150 |
| BRW113787 | 179  | 1.9  | 5.2  | 0.7 | 2.6  | 2.5  | 39  | 0.05 | 0.3  | 0.1  | 45  | 0.59 | 0.045 | 9  | 50  | 0.59 | 150 |
| BRW113788 | 138  | 1.16 | 2.8  | 0.4 | 0.8  | 2.4  | 131 | 0.05 | 0.05 | 0.05 | 18  | 1.98 | 0.038 | 5  | 41  | 0.93 | 87  |
| BRW113789 | 259  | 2.4  | 1.7  | 0.7 | 0.5  | 12   | 33  | 0.05 | 0.05 | 0.05 | 60  | 0.81 | 0.163 | 27 | 19  | 1.29 | 138 |
| BRW113790 | 244  | 2.44 | 3.4  | 1.7 | 1.3  | 54.3 | 44  | 0.05 | 0.1  | 0.1  | 60  | 1.23 | 0.141 | 79 | 18  | 1.3  | 117 |
| BRW113792 | 200  | 1.85 | 4.6  | 0.5 | 0.7  | 4    | 29  | 0.05 | 0.2  | 0.1  | 54  | 0.46 | 0.026 | 10 | 53  | 0.88 | 101 |
| BRW113793 | 156  | 1.93 | 2.7  | 0.5 | 0.9  | 7.1  | 86  | 0.05 | 0.2  | 0.05 | 49  | 0.61 | 0.025 | 15 | 46  | 1.01 | 116 |
| BRW113794 | 430  | 3.67 | 7.9  | 1.5 | 2    | 28.3 | 27  | 0.1  | 0.1  | 0.05 | 46  | 0.45 | 0.084 | 66 | 46  | 0.34 | 102 |
| BRW113795 | 492  | 2.67 | 8.4  | 1.1 | 1.4  | 9.7  | 33  | 0.05 | 0.4  | 0.1  | 56  | 0.67 | 0.036 | 33 | 47  | 0.58 | 218 |
| BRW113796 | 421  | 3.29 | 6.9  | 1.3 | 2.9  | 11.8 | 26  | 0.1  | 0.4  | 0.1  | 74  | 0.49 | 0.032 | 39 | 56  | 0.69 | 234 |
| BRW113797 | 443  | 2.63 | 7.5  | 2.1 | 2    | 9    | 38  | 0.2  | 0.4  | 0.1  | 54  | 0.81 | 0.063 | 43 | 40  | 0.56 | 238 |
| BRW113798 | 399  | 3.41 | 37.7 | 0.6 | 1.2  | 3    | 67  | 0.2  | 0.6  | 0.05 | 85  | 0.96 | 0.061 | 10 | 33  | 1.04 | 202 |
| BRW113800 | 250  | 2.36 | 1.8  | 0.7 | 0.25 | 11.7 | 33  | 0.05 | 0.05 | 0.05 | 59  | 0.79 | 0.163 | 27 | 18  | 1.25 | 134 |
| BRW113814 | 378  | 2.94 | 1.9  | 0.2 | 1.1  | 1.3  | 158 | 0.05 | 0.05 | 0.05 | 89  | 0.89 | 0.09  | 3  | 41  | 1.62 | 309 |
| BRW113815 | 580  | 3.5  | 6.5  | 0.3 | 3.9  | 1.9  | 93  | 0.05 | 0.3  | 0.05 | 91  | 1.22 | 0.085 | 6  | 54  | 1.44 | 196 |
| BRW113825 | 465  | 3.8  | 10.2 | 0.8 | 2.3  | 5.2  | 47  | 0.1  | 0.3  | 0.05 | 76  | 0.76 | 0.076 | 17 | 99  | 1.3  | 285 |
| BRW113828 | 1115 | 3.96 | 0.7  | 0.3 | 0.25 | 5.3  | 34  | 0.1  | 0.05 | 0.05 | 59  | 0.77 | 0.119 | 12 | 83  | 2.12 | 463 |
| BRW113828 | 1153 | 4.1  | 0.6  | 0.4 | 1.7  | 5.5  | 35  | 0.05 | 0.05 | 0.05 | 61  | 0.8  | 0.121 | 12 | 86  | 2.14 | 482 |
| BRW113832 | 285  | 4.39 | 4    | 2.9 | 1.5  | 22.4 | 15  | 0.1  | 0.2  | 0.05 | 37  | 0.13 | 0.045 | 73 | 37  | 0.21 | 165 |
| BRW113833 | 272  | 3.28 | 12.3 | 0.7 | 12.8 | 4    | 18  | 0.05 | 0.4  | 0.2  | 71  | 0.18 | 0.032 | 14 | 35  | 0.43 | 212 |
| BRW113836 | 213  | 2.13 | 2.9  | 0.3 | 0.7  | 2    | 44  | 0.05 | 0.1  | 0.05 | 52  | 0.72 | 0.055 | 5  | 96  | 1.06 | 163 |
| BRW113909 | 313  | 3.48 | 10.9 | 1.4 | 5    | 12.6 | 18  | 0.05 | 0.3  | 0.1  | 57  | 0.18 | 0.039 | 40 | 39  | 0.42 | 214 |
| BRW113910 | 1191 | 5.57 | 73.4 | 2.1 | 4    | 20.1 | 28  | 0.4  | 0.4  | 0.2  | 75  | 0.49 | 0.09  | 49 | 51  | 0.29 | 239 |
| BRW113911 | 495  | 4.56 | 28.6 | 2.5 | 5.6  | 16.6 | 37  | 0.05 | 0.4  | 0.2  | 68  | 0.42 | 0.075 | 66 | 196 | 0.65 | 310 |
| BRW113912 | 440  | 2.92 | 2.1  | 2.9 | 0.8  | 25.6 | 42  | 0.05 | 0.2  | 0.05 | 43  | 0.61 | 0.101 | 36 | 39  | 1.14 | 326 |
| BRW113913 | 546  | 4.41 | 2.6  | 1.1 | 2.1  | 23.1 | 43  | 0.05 | 0.1  | 0.1  | 116 | 0.94 | 0.145 | 45 | 111 | 1.81 | 269 |
| BRW113913 | 548  | 4.52 | 2.7  | 1.1 | 1.2  | 24   | 44  | 0.05 | 0.1  | 0.1  | 118 | 0.92 | 0.144 | 44 | 117 | 1.8  | 275 |
| BRW113914 | 242  | 2.68 | 1.2  | 0.5 | 0.25 | 2.4  | 69  | 0.05 | 0.05 | 0.05 | 86  | 1.54 | 0.071 | 9  | 101 | 1.44 | 146 |
| BRW113917 | 207  | 2.62 | 7.2  | 1.2 | 2.5  | 3.8  | 35  | 0.1  | 0.4  | 0.1  | 60  | 0.49 | 0.058 | 15 | 43  | 0.64 | 267 |
| BRW113920 | 220  | 2.28 | 5    | 0.3 | 1.6  | 1.7  | 15  | 0.05 | 0.2  | 0.1  | 66  | 0.23 | 0.025 | 6  | 27  | 0.59 | 97  |
| BRW113925 | 827  | 5.93 | 6.5  | 1.1 | 2.7  | 41.1 | 11  | 0.2  | 0.2  | 0.05 | 87  | 0.22 | 0.04  | 86 | 53  | 0.68 | 462 |
| BRW113926 | 464  | 5.36 | 3.2  | 0.9 | 0.25 | 11.9 | 18  | 0.05 | 0.1  | 0.05 | 120 | 0.37 | 0.054 | 31 | 74  | 1.24 | 443 |
| BRW113929 | 629  | 4.35 | 2.1  | 0.6 | 1.4  | 6.7  | 21  | 0.05 | 0.05 | 0.05 | 105 | 0.82 | 0.144 | 32 | 81  | 2.55 | 213 |
| BRW114064 | 487  | 3.49 | 5.1  | 0.4 | 1.4  | 1.9  | 199 | 0.05 | 0.3  | 0.05 | 85  | 0.84 | 0.117 | 4  | 26  | 1.02 | 349 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW113701 | 0.048 | 1   | 1.62 | 0.007 | 0.08 | 0.05 | 0.02  | 4    | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000136 |
| BRW113708 | 0.062 | 3   | 1.51 | 0.007 | 0.55 | 0.05 | 0.03  | 12   | 0.3  | 0.025 | 7  | 1    | 1DX15  | WHI10000136 |
| BRW113709 | 0.122 | 2   | 2.59 | 0.018 | 0.36 | 0.05 | 0.05  | 12.8 | 0.2  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000136 |
| BRW113710 | 0.153 | 2   | 2.82 | 0.017 | 0.69 | 0.05 | 0.04  | 8.6  | 0.4  | 0.025 | 11 | 1.1  | 1DX15  | WHI10000136 |
| BRW113711 | 0.058 | 2   | 1.48 | 0.018 | 0.15 | 0.1  | 0.05  | 5.6  | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000136 |
| BRW113712 | 0.043 | 2   | 1.8  | 0.022 | 0.23 | 0.05 | 0.05  | 11.1 | 0.2  | 0.025 | 6  | 1    | 1DX15  | WHI10000136 |
| BRW113713 | 0.026 | 3   | 1.93 | 0.009 | 0.44 | 0.05 | 0.11  | 16.2 | 0.3  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000136 |
| BRW113713 | 0.028 | 3   | 1.91 | 0.009 | 0.45 | 0.05 | 0.11  | 16.1 | 0.3  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000136 |
| BRW113714 | 0.02  | 3   | 1.32 | 0.008 | 0.32 | 0.05 | 0.08  | 12.8 | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000136 |
| BRW113715 | 0.01  | 2   | 0.67 | 0.004 | 0.22 | 0.05 | 0.03  | 3.8  | 0.2  | 0.025 | 3  | 1.4  | 1DX15  | WHI10000136 |
| BRW113718 | 0.073 | 0.5 | 2.05 | 0.012 | 0.05 | 0.05 | 0.01  | 4    | 0.1  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000136 |
| BRW113719 | 0.167 | 0.5 | 2.61 | 0.01  | 0.73 | 0.2  | 0.005 | 6    | 0.4  | 0.025 | 10 | 0.9  | 1DX15  | WHI10000136 |
| BRW113719 | 0.166 | 0.5 | 2.67 | 0.01  | 0.76 | 0.1  | 0.005 | 5.9  | 0.4  | 0.025 | 10 | 0.8  | 1DX15  | WHI10000136 |
| BRW113727 | 0.035 | 1   | 1.71 | 0.011 | 0.09 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113729 | 0.26  | 0.5 | 2.54 | 0.019 | 0.5  | 0.05 | 0.005 | 3.8  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW113731 | 0.161 | 2   | 2.78 | 0.054 | 0.1  | 0.1  | 0.02  | 11.4 | 0.05 | 0.025 | 10 | 0.5  | 1DX15  | WHI10000136 |
| BRW113735 | 0.121 | 2   | 2.22 | 0.045 | 0.13 | 0.1  | 0.005 | 4.2  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW113736 | 0.135 | 1   | 2.25 | 0.028 | 0.08 | 0.05 | 0.01  | 5    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113737 | 0.22  | 2   | 3.04 | 0.066 | 0.1  | 0.05 | 0.005 | 6.2  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000136 |
| BRW113739 | 0.207 | 2   | 3.43 | 0.016 | 0.07 | 0.05 | 0.005 | 2.3  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000136 |
| BRW113777 | 0.08  | 2   | 2.24 | 0.01  | 0.51 | 0.05 | 0.07  | 8.9  | 0.3  | 0.06  | 8  | 1.1  | 1DX15  | WHI10000136 |
| BRW113778 | 0.123 | 0.5 | 2.54 | 0.014 | 0.4  | 0.1  | 0.01  | 6.3  | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW113779 | 0.112 | 1   | 2.11 | 0.019 | 0.21 | 0.1  | 0.04  | 6.2  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW113780 | 0.183 | 1   | 3.19 | 0.017 | 0.43 | 0.05 | 0.01  | 6.2  | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000136 |
| BRW113781 | 0.241 | 0.5 | 4.95 | 0.01  | 1.21 | 0.05 | 0.005 | 14.5 | 0.8  | 0.025 | 18 | 0.25 | 1DX15  | WHI10000136 |
| BRW113782 | 0.089 | 2   | 3.28 | 0.033 | 0.04 | 0.05 | 0.005 | 3.5  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113783 | 0.055 | 1   | 2.01 | 0.022 | 0.04 | 0.05 | 0.005 | 3.9  | 0.05 | 0.06  | 3  | 0.25 | 1DX15  | WHI10000136 |
| BRW113784 | 0.081 | 1   | 1.83 | 0.02  | 0.05 | 0.1  | 0.01  | 6    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113785 | 0.079 | 0.5 | 2.07 | 0.016 | 0.04 | 0.05 | 0.01  | 3.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113786 | 0.102 | 2   | 1.92 | 0.024 | 0.04 | 0.1  | 0.005 | 3.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113787 | 0.077 | 0.5 | 1.97 | 0.032 | 0.04 | 0.1  | 0.01  | 3.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113788 | 0.047 | 1   | 4.39 | 0.25  | 0.05 | 0.05 | 0.005 | 1.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113789 | 0.113 | 0.5 | 2.28 | 0.036 | 0.21 | 0.05 | 0.005 | 3.9  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW113790 | 0.083 | 1   | 3.21 | 0.015 | 0.06 | 0.05 | 0.005 | 5.4  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW113792 | 0.082 | 1   | 1.67 | 0.025 | 0.09 | 0.1  | 0.005 | 3.2  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW113793 | 0.09  | 0.5 | 2.41 | 0.033 | 0.1  | 0.05 | 0.01  | 5.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113794 | 0.015 | 1   | 1.15 | 0.009 | 0.25 | 0.05 | 0.05  | 5.7  | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW113795 | 0.06  | 1   | 1.85 | 0.036 | 0.1  | 0.1  | 0.03  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113796 | 0.1   | 2   | 1.87 | 0.023 | 0.32 | 0.1  | 0.02  | 5.1  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW113797 | 0.055 | 2   | 1.59 | 0.025 | 0.09 | 0.05 | 0.05  | 4.7  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113798 | 0.1   | 3   | 2.35 | 0.028 | 0.15 | 0.05 | 0.005 | 5.8  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW113800 | 0.106 | 1   | 2.2  | 0.036 | 0.2  | 0.05 | 0.005 | 3.6  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113814 | 0.213 | 1   | 2.37 | 0.04  | 0.2  | 0.05 | 0.005 | 3.2  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113815 | 0.115 | 2   | 2.42 | 0.059 | 0.07 | 0.05 | 0.02  | 6.3  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW113825 | 0.11  | 0.5 | 2.3  | 0.023 | 0.17 | 0.05 | 0.02  | 7.3  | 0.05 | 0.025 | 6  | 0.5  | 1DX15  | WHI10000136 |
| BRW113828 | 0.201 | 0.5 | 2.76 | 0.013 | 0.94 | 0.05 | 0.005 | 5.1  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW113828 | 0.217 | 0.5 | 2.83 | 0.013 | 0.96 | 0.05 | 0.005 | 5.3  | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW113832 | 0.012 | 1   | 0.92 | 0.005 | 0.24 | 0.05 | 0.03  | 4.3  | 0.3  | 0.025 | 3  | 0.7  | 1DX15  | WHI10000136 |
| BRW113833 | 0.068 | 1   | 2.05 | 0.011 | 0.05 | 0.05 | 0.02  | 2.7  | 0.1  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000136 |
| BRW113836 | 0.063 | 0.5 | 2.6  | 0.063 | 0.04 | 0.05 | 0.005 | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113909 | 0.047 | 2   | 1.36 | 0.009 | 0.15 | 0.05 | 0.02  | 4.1  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW113910 | 0.002 | 0.5 | 1.38 | 0.005 | 0.05 | 0.05 | 0.45  | 12.7 | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113911 | 0.022 | 1   | 1.89 | 0.01  | 0.21 | 0.05 | 0.1   | 9.9  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113912 | 0.059 | 0.5 | 2.81 | 0.018 | 0.22 | 0.05 | 0.04  | 7    | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113913 | 0.146 | 0.5 | 3.21 | 0.025 | 0.55 | 0.05 | 0.01  | 8.2  | 0.4  | 0.025 | 11 | 0.6  | 1DX15  | WHI10000136 |
| BRW113913 | 0.148 | 0.5 | 3.19 | 0.023 | 0.55 | 0.05 | 0.02  | 8.1  | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000136 |
| BRW113914 | 0.088 | 0.5 | 3.42 | 0.017 | 0.22 | 0.05 | 0.005 | 7.8  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW113917 | 0.087 | 0.5 | 1.94 | 0.02  | 0.04 | 0.1  | 0.03  | 4.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW113920 | 0.073 | 0.5 | 1.42 | 0.011 | 0.03 | 0.1  | 0.005 | 4.1  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW113925 | 0.161 | 0.5 | 1.79 | 0.009 | 0.88 | 0.05 | 0.03  | 10.7 | 0.5  | 0.025 | 7  | 1.5  | 1DX15  | WHI10000136 |
| BRW113926 | 0.249 | 0.5 | 3.07 | 0.011 | 1.2  | 0.05 | 0.01  | 7.3  | 0.6  | 0.025 | 12 | 0.7  | 1DX15  | WHI10000136 |
| BRW113929 | 0.167 | 0.5 | 2.7  | 0.017 | 0.61 | 0.05 | 0.005 | 12   | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW114064 | 0.164 | 0.5 | 2.49 | 0.039 | 0.22 | 0.05 | 0.005 | 3.6  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW114065 | Soil | 599283     | 7001940    | 07V      | 0.5  | 41.8  | 5.1  | 52  | 0.05 | 22.8  | 15.1 |
| BRW114066 | Soil | 599320     | 7001970    | 07V      | 0.5  | 105.4 | 4.7  | 45  | 0.05 | 21.8  | 18.3 |
| BRW114067 | Soil | 599360     | 7002001    | 07V      | 0.7  | 66.7  | 5.3  | 58  | 0.1  | 18.5  | 16.3 |
| BRW114068 | Soil | 599400     | 7002031    | 07V      | 0.3  | 104   | 3.5  | 29  | 0.05 | 16.1  | 15.3 |
| BRW114069 | Soil | 599440     | 7002064    | 07V      | 0.2  | 5.1   | 1.7  | 26  | 0.05 | 170.8 | 15.8 |
| BRW114070 | Soil | 599479     | 7002094    | 07V      | 14.8 | 97.5  | 7.3  | 349 | 0.05 | 113   | 24.7 |
| BRW114071 | Soil | 599518     | 7002125    | 07V      | 0.4  | 51.3  | 5.4  | 65  | 0.05 | 9.9   | 13.1 |
| BRW114071 | REP  | 599518     | 7002125    | 07V      | 0.4  | 48.7  | 5.4  | 65  | 0.05 | 9.8   | 12.5 |
| BRW114073 | Soil | 599599     | 7002186    | 07V      | 0.3  | 45.5  | 4.8  | 102 | 0.05 | 18.5  | 21.6 |
| BRW114074 | Soil | 599638     | 7002217    | 07V      | 0.7  | 67.4  | 7.2  | 115 | 0.05 | 33.2  | 17.8 |
| BRW114089 | Soil | 600230     | 7002679    | 07V      | 0.5  | 36.7  | 5.6  | 37  | 0.05 | 30.2  | 9.9  |
| BRW114097 | Soil | 599553     | 7001515    | 07V      | 0.8  | 55.7  | 7.7  | 77  | 0.1  | 25.8  | 17.4 |
| BRW114098 | Soil | 599591     | 7001543    | 07V      | 0.8  | 40.5  | 6.3  | 65  | 0.05 | 20.3  | 14.6 |
| BRW114099 | Soil | 599630     | 7001576    | 07V      | 1.1  | 25.6  | 6.8  | 48  | 0.05 | 34    | 12.3 |
| BRW114100 | Soil | 599669     | 7001606    | 07V      | 0.6  | 74.8  | 4.9  | 50  | 0.05 | 45.2  | 14.7 |
| BRW114101 | Soil | 599710     | 7001636    | 07V      | 0.5  | 43.4  | 4    | 37  | 0.05 | 16.2  | 10.2 |
| BRW114102 | Soil | 599747     | 7001667    | 07V      | 0.7  | 41.8  | 6.2  | 79  | 0.05 | 31    | 14.4 |
| BRW114103 | Soil | 599788     | 7001698    | 07V      | 0.9  | 52.6  | 6.2  | 97  | 0.05 | 24.6  | 18.1 |
| BRW114104 | Soil | 599828     | 7001728    | 07V      | 0.1  | 67.2  | 0.6  | 69  | 0.05 | 11.9  | 31.9 |
| BRW114105 | Soil | 599867     | 7001760    | 07V      | 0.7  | 63.7  | 6.6  | 76  | 0.05 | 30.4  | 16.2 |
| BRW114106 | Soil | 599906     | 7001793    | 07V      | 0.6  | 21    | 5    | 88  | 0.05 | 14.1  | 19.9 |
| BRW114107 | Soil | 599948     | 7001823    | 07V      | 0.9  | 25    | 6.7  | 72  | 0.05 | 18.1  | 13.6 |
| BRW114108 | Soil | 599986     | 7001853    | 07V      | 0.4  | 35.3  | 2.9  | 46  | 0.05 | 37.1  | 16   |
| BRW114128 | Soil | 600734     | 7002441    | 07V      | 0.4  | 39.9  | 4.5  | 40  | 0.05 | 41.5  | 19.5 |
| BRW114128 | REP  | 600734     | 7002441    | 07V      | 0.5  | 40.8  | 4.5  | 41  | 0.05 | 42.2  | 20.8 |
| BRW114166 | Soil | 599504     | 7002870    | 07V      | 0.5  | 45.6  | 9.6  | 39  | 0.05 | 46.2  | 15.8 |
| BRW114170 | Soil | 599344     | 7002744    | 07V      | 1    | 24.3  | 4.1  | 32  | 0.05 | 13    | 11.7 |
| BRW114175 | Soil | 599074     | 7002537    | 07V      | 0.7  | 38    | 6.6  | 71  | 0.05 | 29.7  | 12.5 |
| BRW114176 | Soil | 599035     | 7002508    | 07V      | 0.6  | 65.8  | 6.9  | 42  | 0.05 | 30.4  | 12.2 |
| BRW114217 | Soil | 599676     | 7001355    | 07V      | 0.5  | 36.6  | 5.6  | 81  | 0.05 | 55.1  | 19.8 |
| BRW114218 | Soil | 599719     | 7001390    | 07V      | 0.6  | 88.6  | 6.2  | 62  | 0.05 | 25.6  | 19.4 |
| BRW114219 | Soil | 599760     | 7001421    | 07V      | 0.4  | 50.3  | 4.7  | 46  | 0.05 | 25.5  | 13.8 |
| BRW114220 | Soil | 599799     | 7001451    | 07V      | 0.2  | 61.8  | 2.6  | 34  | 0.05 | 116.3 | 16   |
| BRW114221 | Soil | 599836     | 7001484    | 07V      | 0.3  | 56.8  | 2.8  | 44  | 0.1  | 19.4  | 13.2 |
| BRW114224 | Soil | 599955     | 7001577    | 07V      | 0.4  | 46.7  | 2.7  | 95  | 0.05 | 6.4   | 14.8 |
| BRW114224 | REP  | 599955     | 7001577    | 07V      | 0.4  | 46.1  | 2.8  | 94  | 0.05 | 6.8   | 14.7 |
| BRW114225 | Soil | 599993     | 7001608    | 07V      | 0.5  | 19.9  | 4.5  | 49  | 0.05 | 15    | 13.1 |
| BRW114226 | Soil | 600034     | 7001638    | 07V      | 0.4  | 9.1   | 4.6  | 23  | 0.05 | 9     | 7.7  |
| BRW114227 | Soil | 600075     | 7001670    | 07V      | 6.5  | 112.2 | 9.2  | 143 | 0.05 | 78.2  | 19.2 |
| BRW114228 | Soil | 600112     | 7001699    | 07V      | 0.9  | 50.4  | 2.7  | 77  | 0.05 | 44.9  | 19.9 |
| BRW114229 | Soil | 600151     | 7001731    | 07V      | 1.2  | 31.6  | 6.5  | 56  | 0.05 | 28.8  | 16   |
| BRW114230 | Soil | 600191     | 7001760    | 07V      | 0.7  | 33    | 9.4  | 54  | 0.05 | 26.9  | 10.9 |
| BRW114231 | Soil | 600231     | 7001793    | 07V      | 0.9  | 51.5  | 8.5  | 49  | 0.1  | 32.7  | 12.4 |
| BRW114232 | Soil | 600273     | 7001825    | 07V      | 0.9  | 27    | 8.9  | 109 | 0.05 | 19.5  | 14.3 |
| BRW114233 | Soil | 600310     | 7001854    | 07V      | 1.8  | 50.7  | 23.9 | 96  | 0.05 | 31.9  | 14.4 |
| BRW114234 | Soil | 600389     | 7001916    | 07V      | 1.5  | 31.9  | 25.1 | 117 | 0.1  | 32    | 13.6 |
| BRW114235 | Soil | 600352     | 7001886    | 07V      | 2.1  | 31.1  | 24.3 | 93  | 0.1  | 44.6  | 13.8 |
| BRW114236 | Soil | 600429     | 7001950    | 07V      | 1.3  | 37    | 13.6 | 132 | 0.05 | 32.7  | 14.6 |
| BRW114237 | Soil | 600470     | 7001979    | 07V      | 1.3  | 15.7  | 9.6  | 51  | 0.2  | 19.1  | 9.3  |
| BRW114314 | Soil | 599485     | 7001850    | 07V      | 0.3  | 85.1  | 4    | 31  | 0.05 | 21.8  | 12.2 |
| BRW114317 | Soil | 599604     | 7001940    | 07V      | 1.2  | 57.2  | 7.9  | 107 | 0.05 | 46.8  | 24.1 |
| BRW114319 | Soil | 599684     | 7002002    | 07V      | 0.8  | 33.7  | 7.7  | 63  | 0.05 | 17.1  | 14.2 |
| BRW114320 | Soil | 599721     | 7002032    | 07V      | 0.6  | 97.7  | 6.5  | 86  | 0.05 | 16.5  | 18.3 |
| BRW114325 | Soil | 599922     | 7002186    | 07V      | 0.2  | 35.7  | 8.7  | 97  | 0.05 | 20.3  | 15.4 |
| BRW114339 | Soil | 600433     | 7002584    | 07V      | 0.5  | 44.6  | 5.7  | 37  | 0.05 | 37.6  | 14.1 |
| BRW114340 | Soil | 600472     | 7002615    | 07V      | 0.3  | 18.6  | 2.9  | 24  | 0.05 | 14.5  | 12.6 |
| BRW114341 | Soil | 600512     | 7002646    | 07V      | 0.9  | 38.5  | 5.7  | 113 | 0.05 | 24    | 26.3 |
| BRW114341 | REP  | 600512     | 7002646    | 07V      | 0.8  | 39.1  | 5.7  | 119 | 0.05 | 24.4  | 26.6 |
| BRW114343 | Soil | 600589     | 7002706    | 07V      | 0.6  | 45.9  | 6.7  | 74  | 0.3  | 52.9  | 15.6 |
| BRW114347 | Soil | 600195     | 7003539    | 07V      | 2.1  | 50.2  | 9.2  | 120 | 0.05 | 43.2  | 21.7 |
| BRW114348 | Soil | 600234     | 7003572    | 07V      | 1    | 27.5  | 3.2  | 65  | 0.05 | 26.9  | 27.6 |
| BRW114349 | Soil | 600273     | 7003600    | 07V      | 4.2  | 57.9  | 18   | 119 | 0.05 | 41.8  | 14.3 |
| BRW114350 | Soil | 600312     | 7003631    | 07V      | 1.6  | 43.3  | 11   | 141 | 0.05 | 64.3  | 15.4 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|-----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW114065 | 431  | 2.75 | 4.2  | 0.3 | 0.25 | 1.3  | 135 | 0.05 | 0.2  | 0.05 | 64  | 2.03 | 0.047 | 4  | 36  | 1.15 | 163 |
| BRW114066 | 328  | 3.18 | 5    | 0.2 | 1.1  | 1.1  | 126 | 0.05 | 0.2  | 0.05 | 87  | 0.74 | 0.066 | 3  | 24  | 1.29 | 279 |
| BRW114067 | 778  | 2.97 | 5.2  | 0.2 | 0.25 | 0.9  | 73  | 0.1  | 0.2  | 0.05 | 80  | 0.95 | 0.113 | 3  | 24  | 1.17 | 196 |
| BRW114068 | 250  | 2.16 | 3.1  | 0.1 | 0.7  | 0.5  | 58  | 0.05 | 0.2  | 0.05 | 58  | 0.75 | 0.07  | 2  | 15  | 0.8  | 100 |
| BRW114069 | 139  | 1.39 | 2.1  | 0.1 | 1.8  | 0.8  | 14  | 0.05 | 0.05 | 0.05 | 25  | 0.21 | 0.016 | 8  | 408 | 2.17 | 70  |
| BRW114070 | 579  | 4.62 | 9.3  | 1.7 | 0.25 | 6.2  | 64  | 0.5  | 0.4  | 0.1  | 511 | 2.17 | 0.087 | 24 | 103 | 1.46 | 331 |
| BRW114071 | 318  | 2.83 | 3.7  | 0.2 | 1    | 1.3  | 32  | 0.1  | 0.2  | 0.05 | 90  | 0.6  | 0.039 | 3  | 16  | 0.72 | 173 |
| BRW114071 | 305  | 2.77 | 3.4  | 0.2 | 1.6  | 1.3  | 32  | 0.05 | 0.2  | 0.05 | 89  | 0.6  | 0.04  | 4  | 15  | 0.74 | 166 |
| BRW114073 | 1058 | 5.29 | 3.9  | 0.7 | 3.8  | 5.4  | 61  | 0.05 | 0.3  | 0.05 | 131 | 0.75 | 0.075 | 17 | 44  | 1.34 | 191 |
| BRW114074 | 564  | 4.6  | 6.2  | 0.6 | 1.2  | 11.5 | 56  | 0.1  | 0.2  | 0.05 | 86  | 0.47 | 0.041 | 16 | 86  | 1.2  | 378 |
| BRW114089 | 172  | 2.03 | 3.8  | 0.6 | 0.6  | 3.2  | 30  | 0.05 | 0.2  | 0.05 | 49  | 0.5  | 0.014 | 10 | 55  | 0.65 | 173 |
| BRW114097 | 585  | 3.86 | 6.7  | 0.4 | 0.25 | 2.4  | 85  | 0.2  | 0.4  | 0.1  | 97  | 0.75 | 0.047 | 8  | 37  | 1.05 | 258 |
| BRW114098 | 467  | 3.64 | 5.9  | 0.3 | 1.1  | 1.7  | 53  | 0.05 | 0.3  | 0.1  | 101 | 0.59 | 0.056 | 6  | 33  | 1.1  | 266 |
| BRW114099 | 251  | 3.36 | 9.8  | 0.3 | 1.3  | 2.3  | 21  | 0.05 | 0.4  | 0.1  | 76  | 0.28 | 0.046 | 8  | 69  | 0.8  | 203 |
| BRW114100 | 308  | 3.26 | 6.1  | 0.4 | 0.25 | 2.7  | 54  | 0.05 | 0.3  | 0.05 | 83  | 0.69 | 0.096 | 9  | 117 | 1.22 | 187 |
| BRW114101 | 220  | 2.28 | 4.3  | 0.3 | 1.2  | 1.5  | 68  | 0.05 | 0.2  | 0.05 | 68  | 0.63 | 0.059 | 7  | 27  | 0.77 | 181 |
| BRW114102 | 323  | 3.99 | 7.8  | 0.6 | 1.7  | 5.2  | 43  | 0.05 | 0.4  | 0.05 | 116 | 0.54 | 0.084 | 20 | 56  | 1.17 | 303 |
| BRW114103 | 529  | 5.79 | 5.8  | 0.7 | 1.6  | 4.3  | 43  | 0.05 | 0.4  | 0.05 | 147 | 0.67 | 0.09  | 16 | 53  | 1.22 | 200 |
| BRW114104 | 569  | 7.82 | 1.7  | 0.2 | 1.3  | 0.4  | 133 | 0.05 | 0.1  | 0.05 | 234 | 3.46 | 1.102 | 5  | 19  | 1.77 | 123 |
| BRW114105 | 315  | 4.15 | 7.6  | 0.5 | 2.5  | 3    | 32  | 0.2  | 0.5  | 0.1  | 89  | 0.64 | 0.133 | 10 | 44  | 0.74 | 287 |
| BRW114106 | 631  | 5.06 | 5.7  | 0.5 | 1.1  | 4    | 86  | 0.05 | 0.3  | 0.05 | 121 | 0.92 | 0.06  | 14 | 27  | 1.69 | 309 |
| BRW114107 | 565  | 4.91 | 7.2  | 1.2 | 1.5  | 7.3  | 55  | 0.05 | 0.5  | 0.05 | 64  | 0.91 | 0.05  | 20 | 27  | 0.91 | 362 |
| BRW114108 | 398  | 3.07 | 2.4  | 0.5 | 0.25 | 2.5  | 56  | 0.05 | 0.1  | 0.05 | 69  | 0.89 | 0.084 | 9  | 121 | 1.52 | 345 |
| BRW114128 | 282  | 2.55 | 5.1  | 0.4 | 0.9  | 2.3  | 30  | 0.05 | 0.2  | 0.05 | 72  | 0.66 | 0.153 | 7  | 43  | 1.06 | 173 |
| BRW114128 | 287  | 2.58 | 5.4  | 0.4 | 1.8  | 2.5  | 30  | 0.05 | 0.3  | 0.05 | 71  | 0.67 | 0.153 | 7  | 42  | 1.02 | 171 |
| BRW114166 | 183  | 1.9  | 3.3  | 0.2 | 0.6  | 2.3  | 35  | 0.05 | 0.2  | 0.05 | 46  | 0.5  | 0.017 | 4  | 37  | 1.2  | 98  |
| BRW114170 | 241  | 1.85 | 2.8  | 0.3 | 1.9  | 2.5  | 44  | 0.1  | 0.2  | 0.05 | 41  | 0.74 | 0.073 | 9  | 30  | 0.54 | 106 |
| BRW114175 | 287  | 3.47 | 4.2  | 0.4 | 1.6  | 2.9  | 63  | 0.05 | 0.2  | 0.05 | 113 | 0.55 | 0.056 | 8  | 56  | 1.06 | 294 |
| BRW114176 | 255  | 2.44 | 4.6  | 0.6 | 1.7  | 3    | 65  | 0.05 | 0.3  | 0.1  | 71  | 0.56 | 0.039 | 9  | 78  | 0.84 | 154 |
| BRW114217 | 528  | 3.84 | 5.3  | 0.4 | 0.6  | 2.3  | 71  | 0.05 | 0.2  | 0.05 | 98  | 1.01 | 0.125 | 8  | 89  | 1.45 | 266 |
| BRW114218 | 477  | 3.74 | 6    | 0.6 | 1.2  | 2.3  | 67  | 0.05 | 0.3  | 0.05 | 102 | 0.95 | 0.075 | 8  | 31  | 1.21 | 143 |
| BRW114219 | 365  | 2.58 | 4.7  | 0.4 | 0.25 | 2.1  | 78  | 0.05 | 0.2  | 0.05 | 77  | 0.54 | 0.074 | 6  | 45  | 0.99 | 272 |
| BRW114220 | 166  | 1.74 | 2.9  | 0.4 | 0.25 | 5    | 39  | 0.05 | 0.1  | 0.05 | 44  | 0.54 | 0.151 | 12 | 407 | 1.45 | 272 |
| BRW114221 | 298  | 2.67 | 2.4  | 0.3 | 3.8  | 1.3  | 97  | 0.05 | 0.1  | 0.05 | 78  | 0.79 | 0.089 | 4  | 26  | 1.03 | 172 |
| BRW114224 | 599  | 6.22 | 2.2  | 0.5 | 1.3  | 1.8  | 65  | 0.05 | 0.2  | 0.05 | 41  | 1.03 | 0.272 | 11 | 6   | 1.18 | 168 |
| BRW114224 | 580  | 6.2  | 2.1  | 0.6 | 1.5  | 1.9  | 67  | 0.05 | 0.2  | 0.05 | 41  | 1.07 | 0.272 | 11 | 6   | 1.19 | 173 |
| BRW114225 | 353  | 3.42 | 5    | 0.3 | 1    | 1.7  | 37  | 0.05 | 0.3  | 0.05 | 106 | 0.54 | 0.046 | 6  | 29  | 0.78 | 194 |
| BRW114226 | 247  | 2.67 | 3    | 0.5 | 1.2  | 1.6  | 173 | 0.05 | 0.5  | 0.05 | 56  | 0.82 | 0.017 | 7  | 17  | 0.71 | 161 |
| BRW114227 | 552  | 5.32 | 62.6 | 1.2 | 2    | 8.2  | 30  | 0.2  | 0.8  | 0.05 | 168 | 0.76 | 0.166 | 25 | 128 | 1.19 | 404 |
| BRW114228 | 482  | 4.5  | 6.2  | 0.8 | 0.25 | 10.1 | 25  | 0.05 | 0.05 | 0.05 | 89  | 0.73 | 0.112 | 13 | 128 | 1.97 | 376 |
| BRW114229 | 317  | 3.41 | 7.8  | 0.4 | 1    | 3.3  | 33  | 0.05 | 0.4  | 0.05 | 80  | 0.65 | 0.047 | 8  | 78  | 1.03 | 231 |
| BRW114230 | 367  | 2.74 | 8    | 0.8 | 1.8  | 3.6  | 49  | 0.1  | 0.5  | 0.1  | 69  | 0.77 | 0.08  | 16 | 41  | 0.62 | 251 |
| BRW114231 | 348  | 2.66 | 7.5  | 0.6 | 4.1  | 2.6  | 36  | 0.05 | 0.4  | 0.05 | 60  | 0.79 | 0.065 | 10 | 45  | 0.73 | 224 |
| BRW114232 | 483  | 4.33 | 3.2  | 0.4 | 1.4  | 4.7  | 15  | 0.05 | 0.2  | 0.05 | 77  | 0.34 | 0.047 | 6  | 43  | 1.5  | 275 |
| BRW114233 | 385  | 3.9  | 5.5  | 0.9 | 2.2  | 9.4  | 21  | 0.05 | 0.2  | 0.1  | 61  | 0.47 | 0.045 | 35 | 45  | 0.88 | 198 |
| BRW114234 | 358  | 3.82 | 5.7  | 1.2 | 1.5  | 13   | 18  | 0.05 | 0.3  | 0.2  | 68  | 0.18 | 0.036 | 25 | 40  | 0.51 | 229 |
| BRW114235 | 557  | 4.03 | 5.4  | 0.7 | 1.1  | 11.1 | 13  | 0.05 | 0.2  | 0.1  | 82  | 0.18 | 0.03  | 17 | 88  | 0.75 | 274 |
| BRW114236 | 448  | 5.07 | 3.6  | 1   | 0.25 | 10.2 | 28  | 0.05 | 0.2  | 0.1  | 110 | 0.28 | 0.047 | 21 | 63  | 1.19 | 352 |
| BRW114237 | 176  | 2.95 | 8.1  | 0.6 | 0.25 | 4.7  | 15  | 0.05 | 0.4  | 0.2  | 67  | 0.17 | 0.029 | 15 | 32  | 0.43 | 165 |
| BRW114314 | 320  | 2.33 | 4.6  | 0.4 | 1.4  | 1.4  | 69  | 0.05 | 0.2  | 0.05 | 65  | 1.46 | 0.088 | 6  | 30  | 0.88 | 121 |
| BRW114317 | 635  | 5.46 | 238  | 0.7 | 1.2  | 5.7  | 78  | 0.2  | 2.1  | 0.05 | 193 | 1.32 | 0.143 | 20 | 95  | 1.62 | 605 |
| BRW114319 | 607  | 3.48 | 5.2  | 0.6 | 0.8  | 2.8  | 87  | 0.05 | 0.2  | 0.05 | 87  | 1.03 | 0.079 | 11 | 33  | 0.86 | 226 |
| BRW114320 | 683  | 4.38 | 12.4 | 0.9 | 1.7  | 2.2  | 123 | 0.1  | 0.3  | 0.05 | 122 | 1.5  | 0.099 | 14 | 27  | 1.34 | 303 |
| BRW114325 | 522  | 3.95 | 1.4  | 0.5 | 0.25 | 8.5  | 29  | 0.05 | 0.05 | 0.05 | 63  | 0.46 | 0.083 | 18 | 57  | 1.64 | 345 |
| BRW114339 | 296  | 2.28 | 5.1  | 0.7 | 3    | 4.4  | 32  | 0.05 | 0.3  | 0.05 | 55  | 0.51 | 0.029 | 13 | 40  | 0.82 | 131 |
| BRW114340 | 217  | 1.75 | 2.2  | 0.1 | 0.25 | 0.8  | 20  | 0.05 | 0.05 | 0.05 | 62  | 0.47 | 0.07  | 2  | 17  | 0.81 | 112 |
| BRW114341 | 805  | 6.67 | 2    | 0.6 | 1.5  | 2.9  | 29  | 0.05 | 0.2  | 0.05 | 178 | 0.92 | 0.226 | 18 | 34  | 1.86 | 542 |
| BRW114341 | 778  | 6.66 | 1.3  | 0.6 | 1.4  | 2.9  | 29  | 0.05 | 0.1  | 0.05 | 166 | 0.89 | 0.216 | 17 | 33  | 1.87 | 552 |
| BRW114343 | 370  | 2.99 | 4.7  | 1.4 | 2.6  | 3.4  | 37  | 0.2  | 0.2  | 0.05 | 66  | 1.18 | 0.122 | 34 | 56  | 1.07 | 266 |
| BRW114347 | 486  | 5.57 | 6.9  | 0.9 | 0.25 | 23.3 | 23  | 0.1  | 0.2  | 0.05 | 138 | 0.86 | 0.276 | 70 | 96  | 1.84 | 826 |
| BRW114348 | 708  | 4.73 | 1.8  | 0.7 | 0.25 | 3.2  | 44  | 0.1  | 0.05 | 0.05 | 111 | 1.07 | 0.119 | 13 | 60  | 2.48 | 301 |
| BRW114349 | 524  | 4.5  | 20.4 | 1.8 | 1.6  | 26.5 | 27  | 0.1  | 0.4  | 0.1  | 52  | 0.2  | 0.056 | 51 | 34  | 0.47 | 271 |
| BRW114350 | 267  | 3.84 | 27.4 | 1.5 | 0.8  | 11.1 | 18  | 0.1  | 0.7  | 0.2  | 80  | 0.28 | 0.061 | 48 | 75  | 1.04 | 304 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW114065 | 0.074 | 2   | 4.11 | 0.023 | 0.17 | 0.05 | 0.005 | 3.4  | 0.05 | 0.06  | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW114066 | 0.174 | 2   | 2.71 | 0.049 | 0.22 | 0.05 | 0.005 | 3    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114067 | 0.114 | 2   | 2.3  | 0.029 | 0.1  | 0.05 | 0.005 | 2.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114068 | 0.056 | 0.5 | 1.84 | 0.046 | 0.08 | 0.05 | 0.005 | 3.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW114069 | 0.075 | 0.5 | 1.64 | 0.008 | 0.03 | 0.05 | 0.005 | 1.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW114070 | 0.082 | 0.5 | 4.9  | 0.013 | 0.03 | 0.05 | 0.02  | 9.6  | 0.05 | 0.025 | 16 | 1.4  | 1DX15  | WHI10000136 |
| BRW114071 | 0.129 | 0.5 | 2.47 | 0.056 | 0.06 | 0.05 | 0.005 | 4.5  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114071 | 0.122 | 0.5 | 2.44 | 0.053 | 0.06 | 0.05 | 0.005 | 4.5  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114073 | 0.04  | 0.5 | 2.63 | 0.018 | 0.08 | 0.1  | 0.02  | 12.9 | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW114074 | 0.198 | 1   | 3.29 | 0.015 | 0.17 | 0.05 | 0.01  | 3    | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW114089 | 0.074 | 0.5 | 2.21 | 0.038 | 0.03 | 0.05 | 0.005 | 3.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW114097 | 0.159 | 1   | 3.16 | 0.018 | 0.09 | 0.05 | 0.02  | 5    | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW114098 | 0.165 | 0.5 | 2.63 | 0.027 | 0.11 | 0.05 | 0.005 | 3.5  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW114099 | 0.091 | 1   | 2.46 | 0.021 | 0.11 | 0.1  | 0.005 | 3.1  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW114100 | 0.119 | 0.5 | 2.62 | 0.035 | 0.1  | 0.05 | 0.005 | 4.1  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW114101 | 0.086 | 0.5 | 1.98 | 0.032 | 0.07 | 0.05 | 0.005 | 3.8  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114102 | 0.147 | 0.5 | 2.94 | 0.027 | 0.22 | 0.1  | 0.01  | 5    | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW114103 | 0.11  | 0.5 | 3.15 | 0.027 | 0.11 | 0.05 | 0.005 | 11   | 0.05 | 0.025 | 10 | 0.7  | 1DX15  | WHI10000136 |
| BRW114104 | 0.056 | 0.5 | 2.23 | 0.189 | 0.11 | 0.05 | 0.005 | 17   | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW114105 | 0.096 | 5   | 2.76 | 0.043 | 0.08 | 0.05 | 0.02  | 6.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW114106 | 0.235 | 2   | 3.25 | 0.021 | 0.14 | 0.05 | 0.005 | 5.1  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW114107 | 0.126 | 1   | 2.92 | 0.025 | 0.09 | 0.05 | 0.01  | 10.4 | 0.05 | 0.025 | 10 | 0.7  | 1DX15  | WHI10000136 |
| BRW114108 | 0.133 | 0.5 | 2.59 | 0.039 | 0.24 | 0.05 | 0.005 | 6.3  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114128 | 0.12  | 0.5 | 1.9  | 0.017 | 0.11 | 0.05 | 0.005 | 3.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW114128 | 0.117 | 1   | 1.84 | 0.014 | 0.11 | 0.05 | 0.01  | 3.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114166 | 0.1   | 0.5 | 2.06 | 0.016 | 0.07 | 0.05 | 0.005 | 2.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW114170 | 0.084 | 1   | 1.32 | 0.013 | 0.06 | 0.05 | 0.005 | 3.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW114175 | 0.184 | 1   | 2.2  | 0.028 | 0.19 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW114176 | 0.106 | 2   | 2.06 | 0.027 | 0.05 | 0.2  | 0.005 | 4    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114217 | 0.285 | 2   | 2.94 | 0.028 | 0.2  | 0.05 | 0.01  | 5.4  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000136 |
| BRW114218 | 0.146 | 1   | 2.81 | 0.036 | 0.16 | 0.05 | 0.01  | 7.1  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW114219 | 0.118 | 0.5 | 2.05 | 0.032 | 0.21 | 0.05 | 0.005 | 4.5  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114220 | 0.125 | 1   | 1.52 | 0.012 | 0.3  | 0.05 | 0.005 | 2.6  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW114221 | 0.11  | 0.5 | 1.96 | 0.051 | 0.13 | 0.05 | 0.01  | 4    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114224 | 0.099 | 0.5 | 2.36 | 0.046 | 0.1  | 0.05 | 0.01  | 11   | 0.05 | 0.025 | 10 | 0.6  | 1DX15  | WHI10000136 |
| BRW114224 | 0.1   | 0.5 | 2.42 | 0.049 | 0.1  | 0.05 | 0.01  | 11.2 | 0.05 | 0.025 | 11 | 0.5  | 1DX15  | WHI10000136 |
| BRW114225 | 0.066 | 0.5 | 2.06 | 0.04  | 0.06 | 0.05 | 0.01  | 6.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114226 | 0.025 | 1   | 2.41 | 0.008 | 0.03 | 0.05 | 0.005 | 6    | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW114227 | 0.055 | 1   | 2.67 | 0.011 | 0.12 | 0.05 | 0.02  | 10   | 0.05 | 0.025 | 9  | 1.4  | 1DX15  | WHI10000136 |
| BRW114228 | 0.255 | 0.5 | 2.87 | 0.014 | 1.15 | 0.05 | 0.01  | 4.4  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW114229 | 0.136 | 0.5 | 2.29 | 0.02  | 0.15 | 0.2  | 0.01  | 4.1  | 0.05 | 0.025 | 6  | 0.6  | 1DX15  | WHI10000136 |
| BRW114230 | 0.092 | 2   | 1.53 | 0.03  | 0.07 | 0.05 | 0.03  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW114231 | 0.07  | 1   | 1.44 | 0.029 | 0.06 | 0.05 | 0.04  | 4.9  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000136 |
| BRW114232 | 0.269 | 1   | 2.77 | 0.012 | 1.02 | 0.05 | 0.01  | 4.9  | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000136 |
| BRW114233 | 0.084 | 1   | 1.98 | 0.018 | 0.25 | 0.05 | 0.01  | 6.3  | 0.2  | 0.05  | 7  | 0.7  | 1DX15  | WHI10000136 |
| BRW114234 | 0.1   | 1   | 1.78 | 0.009 | 0.4  | 0.05 | 0.005 | 3.4  | 0.4  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000136 |
| BRW114235 | 0.133 | 1   | 1.91 | 0.011 | 0.7  | 0.05 | 0.02  | 5.5  | 0.4  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000136 |
| BRW114236 | 0.175 | 0.5 | 3.17 | 0.012 | 0.7  | 0.05 | 0.02  | 9    | 0.2  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000136 |
| BRW114237 | 0.068 | 1   | 1.8  | 0.013 | 0.1  | 0.1  | 0.01  | 2.6  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114314 | 0.102 | 1   | 2.72 | 0.062 | 0.1  | 0.05 | 0.005 | 5.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW114317 | 0.311 | 1   | 3.43 | 0.047 | 0.34 | 0.05 | 0.01  | 7.9  | 0.1  | 0.025 | 14 | 0.8  | 1DX15  | WHI10000136 |
| BRW114319 | 0.11  | 2   | 2.41 | 0.049 | 0.08 | 0.05 | 0.01  | 5.9  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW114320 | 0.174 | 2   | 2.87 | 0.049 | 0.11 | 0.05 | 0.02  | 7.5  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW114325 | 0.206 | 0.5 | 2.85 | 0.011 | 0.94 | 0.05 | 0.005 | 2.8  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW114339 | 0.082 | 0.5 | 1.6  | 0.026 | 0.06 | 0.05 | 0.01  | 5.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW114340 | 0.123 | 0.5 | 1.88 | 0.02  | 0.12 | 0.05 | 0.005 | 2.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW114341 | 0.325 | 0.5 | 3.57 | 0.016 | 1.36 | 0.05 | 0.005 | 11.7 | 0.4  | 0.025 | 15 | 0.25 | 1DX15  | WHI10000136 |
| BRW114341 | 0.287 | 0.5 | 3.68 | 0.018 | 1.37 | 0.05 | 0.005 | 11.4 | 0.3  | 0.025 | 16 | 0.25 | 1DX15  | WHI10000136 |
| BRW114343 | 0.076 | 1   | 2.03 | 0.022 | 0.17 | 0.05 | 0.06  | 5.7  | 0.1  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000136 |
| BRW114347 | 0.246 | 1   | 3.56 | 0.018 | 1.44 | 0.05 | 0.02  | 9.1  | 0.4  | 0.025 | 12 | 0.7  | 1DX15  | WHI10000136 |
| BRW114348 | 0.091 | 2   | 2.7  | 0.011 | 0.36 | 0.05 | 0.03  | 14.7 | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW114349 | 0.071 | 1   | 1.28 | 0.005 | 0.32 | 0.05 | 0.01  | 4.8  | 0.4  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000136 |
| BRW114350 | 0.129 | 1   | 2.05 | 0.011 | 0.5  | 0.05 | 0.01  | 5.5  | 0.6  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000136 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|------|------|
| BRW114350 | REP  | 600312     | 7003631    | 07V      | 1.8 | 42.5  | 11.2 | 141 | 0.05 | 64   | 15.5 |
| BRW114351 | Soil | 600351     | 7003661    | 07V      | 1.5 | 32.3  | 12.2 | 95  | 0.1  | 32.8 | 10.2 |
| BRW114352 | Soil | 600392     | 7003693    | 07V      | 1.7 | 40.5  | 13.5 | 104 | 0.05 | 39.5 | 12.1 |
| BRW114353 | Soil | 600431     | 7003723    | 07V      | 2.6 | 70.9  | 17.2 | 147 | 0.05 | 59.9 | 18   |
| BRW114354 | Soil | 600470     | 7003755    | 07V      | 1.6 | 27.7  | 8.9  | 130 | 0.05 | 18.3 | 14.1 |
| BRW114355 | Soil | 600509     | 7003785    | 07V      | 0.5 | 67.1  | 4    | 98  | 0.05 | 48.9 | 27.4 |
| BRW114356 | Soil | 600547     | 7003814    | 07V      | 1.6 | 65.7  | 9.7  | 123 | 0.05 | 62.7 | 11.6 |
| BRW114357 | Soil | 600585     | 7003845    | 07V      | 1.2 | 51.6  | 18.1 | 96  | 0.05 | 28.8 | 8.7  |
| BRW114358 | Soil | 600625     | 7003877    | 07V      | 2.2 | 74.8  | 12.3 | 137 | 0.05 | 57.9 | 18.4 |
| BRW114359 | Soil | 600665     | 7003909    | 07V      | 0.7 | 36.4  | 11.9 | 71  | 0.05 | 27   | 16.7 |
| BRW114360 | Soil | 600706     | 7003940    | 07V      | 0.9 | 86    | 15.9 | 66  | 0.05 | 32.5 | 13.2 |
| BRW114361 | Soil | 600746     | 7003970    | 07V      | 0.7 | 26.3  | 19   | 61  | 0.05 | 26.3 | 13.7 |
| BRW114362 | Soil | 600784     | 7003999    | 07V      | 0.7 | 24.7  | 14.2 | 72  | 0.05 | 29.8 | 13.1 |
| BRW114363 | Soil | 600823     | 7004032    | 07V      | 0.8 | 40    | 20   | 104 | 0.05 | 41.2 | 13.9 |
| BRW114364 | Soil | 600864     | 7004062    | 07V      | 0.9 | 30.5  | 8.2  | 68  | 0.05 | 24.9 | 17.6 |
| BRW114370 | Soil | 601099     | 7004247    | 07V      | 0.9 | 32.3  | 8.9  | 68  | 0.05 | 27.1 | 10.2 |
| BRW115501 | Soil | 600096     | 7003340    | 07V      | 5.2 | 97.4  | 21.6 | 274 | 0.3  | 72   | 20.6 |
| BRW115502 | Soil | 600139     | 7003369    | 07V      | 2   | 55.2  | 16.2 | 133 | 0.3  | 39.7 | 12.2 |
| BRW115506 | Soil | 600295     | 7003493    | 07V      | 1.1 | 48.1  | 4.7  | 52  | 0.05 | 45.1 | 21.1 |
| BRW115508 | Soil | 600373     | 7003555    | 07V      | 3.3 | 63.1  | 11.5 | 105 | 0.2  | 46.3 | 14.7 |
| BRW115653 | Soil | 600554     | 7003566    | 07V      | 1   | 28.4  | 7.6  | 121 | 0.05 | 16.1 | 10.6 |
| BRW115654 | Soil | 600554     | 7003566    | 07V      | 1   | 29    | 7.8  | 122 | 0.05 | 15.5 | 10.9 |
| BRW115656 | Soil | 600633     | 7003630    | 07V      | 0.4 | 31.3  | 16.7 | 109 | 0.05 | 40   | 15.7 |
| BRW115657 | Soil | 600673     | 7003660    | 07V      | 0.8 | 34.7  | 21.7 | 107 | 0.05 | 36   | 15.4 |
| BRW115658 | Soil | 600714     | 7003694    | 07V      | 1.9 | 30.1  | 7.8  | 137 | 0.05 | 33.8 | 16.2 |
| BRW115659 | Soil | 600752     | 7003722    | 07V      | 3.8 | 84.7  | 10.1 | 111 | 0.05 | 73.4 | 15.7 |
| BRW115660 | Soil | 600792     | 7003753    | 07V      | 0.8 | 42.2  | 9    | 109 | 0.05 | 43.8 | 15.7 |
| BRW115661 | Soil | 600830     | 7003785    | 07V      | 1.2 | 48.5  | 25.7 | 100 | 0.05 | 40.1 | 12.6 |
| BRW115662 | Soil | 600868     | 7003817    | 07V      | 1.5 | 46    | 16.9 | 96  | 0.05 | 33.7 | 12   |
| BRW115663 | Soil | 600910     | 7003846    | 07V      | 0.8 | 26.6  | 7.5  | 64  | 0.1  | 26.7 | 15.9 |
| BRW115664 | Soil | 600944     | 7003875    | 07V      | 0.7 | 60.6  | 10.3 | 113 | 0.1  | 25.1 | 19.9 |
| BRW115665 | Soil | 600984     | 7003906    | 07V      | 0.8 | 20.3  | 10.7 | 55  | 0.1  | 24.9 | 10.1 |
| BRW115666 | Soil | 601025     | 7003937    | 07V      | 1.6 | 47.2  | 13.5 | 94  | 0.05 | 41.6 | 14.8 |
| BRW115673 | Soil | 601302     | 7004151    | 07V      | 0.9 | 30.6  | 18.3 | 129 | 0.05 | 46   | 16.5 |
| BRW115674 | Soil | 601302     | 7004151    | 07V      | 0.9 | 31    | 19   | 132 | 0.05 | 47.9 | 16.6 |
| BRW115797 | Soil | 600588     | 7001815    | 07V      | 1   | 142.5 | 5.8  | 125 | 0.05 | 39.1 | 17.9 |
| BRW115798 | Soil | 600626     | 7001844    | 07V      | 1.3 | 36.1  | 17.7 | 104 | 0.05 | 42.4 | 12.1 |
| BRW115799 | Soil | 600667     | 7001875    | 07V      | 1   | 15    | 8.8  | 51  | 0.2  | 25.8 | 11.2 |
| BRW115800 | Soil | 600707     | 7001907    | 07V      | 1   | 40.2  | 13.4 | 45  | 0.4  | 26.3 | 10   |
| BRW115801 | Soil | 600747     | 7001938    | 07V      | 0.9 | 30.1  | 11.2 | 93  | 0.05 | 56.5 | 20.9 |
| BRW115802 | Soil | 600784     | 7001970    | 07V      | 1.1 | 38.1  | 13.9 | 51  | 0.2  | 21   | 11.1 |
| BRW115804 | Soil | 600863     | 7002030    | 07V      | 0.5 | 49.4  | 7.1  | 74  | 0.05 | 72.4 | 19.2 |
| BRW115805 | Soil | 600903     | 7002063    | 07V      | 1.2 | 45.3  | 11.6 | 73  | 0.1  | 46.9 | 15.2 |
| BRW115806 | Soil | 600942     | 7002094    | 07V      | 1   | 32.9  | 11.2 | 56  | 0.1  | 32.1 | 12   |
| BRW115807 | Soil | 600981     | 7002125    | 07V      | 0.8 | 40.7  | 5.8  | 44  | 0.05 | 74.5 | 15.5 |
| BRW115808 | Soil | 601020     | 7002155    | 07V      | 0.7 | 36.2  | 5.1  | 43  | 0.05 | 22   | 9    |
| BRW117783 | Soil | 600679     | 7003409    | 07V      | 1.4 | 51.4  | 32.8 | 132 | 0.05 | 50.5 | 4.4  |
| BRW117788 | Soil | 600872     | 7003562    | 07V      | 1.3 | 27.1  | 18.1 | 88  | 0.05 | 25.5 | 11.2 |
| BRW117788 | REP  | 600872     | 7003562    | 07V      | 1.2 | 27.3  | 18.9 | 92  | 0.05 | 22.9 | 11   |
| BRW117789 | Soil | 600910     | 7003594    | 07V      | 1.8 | 39.8  | 20.1 | 94  | 0.4  | 31.6 | 18.1 |
| BRW117790 | Soil | 600950     | 7003623    | 07V      | 1.4 | 32    | 14.6 | 80  | 0.2  | 25.6 | 12.5 |
| BRW117791 | Soil | 600989     | 7003654    | 07V      | 3   | 79.5  | 19.5 | 181 | 0.2  | 24.8 | 9.7  |
| BRW117792 | Soil | 601029     | 7003684    | 07V      | 1.1 | 38.5  | 13.3 | 66  | 0.2  | 24.2 | 10.7 |
| BRW117794 | Soil | 601109     | 7003748    | 07V      | 0.8 | 43.2  | 8.8  | 59  | 0.1  | 30   | 10.4 |
| BRW117795 | Soil | 601148     | 7003776    | 07V      | 1.4 | 127.5 | 34.9 | 211 | 0.05 | 40.1 | 19.6 |
| BRW117796 | Soil | 601189     | 7003807    | 07V      | 1.7 | 38.6  | 13.2 | 133 | 0.05 | 71.4 | 12.6 |
| BRW117797 | Soil | 601227     | 7003841    | 07V      | 1.3 | 35.5  | 15.1 | 169 | 0.05 | 58.9 | 12.1 |
| BRW117799 | Soil | 601308     | 7003903    | 07V      | 1.1 | 42.1  | 14.8 | 65  | 0.05 | 38.1 | 13.5 |
| BRW117800 | Soil | 601346     | 7003931    | 07V      | 1   | 40.9  | 12.9 | 70  | 0.1  | 36.5 | 12.6 |
| BRW90597  | Soil | 599788     | 7001953    | 07V      | 0.3 | 40.1  | 1.7  | 116 | 0.05 | 10.3 | 26.3 |
| BRW90600  | Soil | 599907     | 7002046    | 07V      | 0.8 | 99.5  | 3    | 105 | 0.05 | 59.7 | 34.9 |
| BRW90603  | Soil | 600020     | 7002136    | 07V      | 0.6 | 87.6  | 41.4 | 146 | 0.05 | 48   | 13.4 |
| BRW90606  | Soil | 600138     | 7002227    | 07V      | 2.6 | 34.4  | 21.6 | 209 | 0.05 | 54.3 | 11.1 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|-----|------|------|------|-----|------|-------|-----|-----|------|-----|
| BRW114350 | 276  | 3.76 | 26.8 | 1.5 | 9.6  | 11   | 18  | 0.05 | 0.7  | 0.2  | 79  | 0.27 | 0.06  | 49  | 74  | 1.07 | 312 |
| BRW114351 | 334  | 3.32 | 25.4 | 1   | 1.8  | 8.3  | 16  | 0.1  | 0.7  | 0.1  | 70  | 0.24 | 0.057 | 21  | 41  | 0.59 | 236 |
| BRW114352 | 292  | 3.89 | 5    | 1   | 2.3  | 9.9  | 11  | 0.2  | 0.2  | 0.1  | 89  | 0.21 | 0.069 | 29  | 51  | 0.83 | 329 |
| BRW114353 | 310  | 4.73 | 6.6  | 2.1 | 7.4  | 19.8 | 14  | 0.2  | 0.2  | 0.2  | 77  | 0.4  | 0.139 | 90  | 55  | 0.87 | 321 |
| BRW114354 | 735  | 5.97 | 5.6  | 0.7 | 1.3  | 3.9  | 10  | 0.05 | 0.2  | 0.2  | 91  | 0.2  | 0.088 | 8   | 49  | 1.26 | 236 |
| BRW114355 | 321  | 4.53 | 2.3  | 0.6 | 0.25 | 3.1  | 13  | 0.05 | 0.05 | 0.05 | 119 | 0.57 | 0.142 | 18  | 30  | 1.39 | 521 |
| BRW114356 | 338  | 3.79 | 15   | 1.6 | 3.4  | 10.9 | 19  | 0.05 | 0.6  | 0.1  | 88  | 0.21 | 0.05  | 37  | 105 | 1.12 | 324 |
| BRW114357 | 281  | 2.45 | 12.2 | 1.6 | 3    | 15.8 | 24  | 0.2  | 0.5  | 0.1  | 41  | 0.16 | 0.028 | 30  | 28  | 0.33 | 245 |
| BRW114358 | 255  | 4.48 | 8.5  | 2.1 | 4.7  | 14.9 | 21  | 0.05 | 0.3  | 0.1  | 104 | 0.37 | 0.136 | 41  | 64  | 1.01 | 325 |
| BRW114359 | 789  | 4.8  | 81.1 | 0.6 | 1.1  | 4.5  | 9   | 0.05 | 1    | 0.2  | 108 | 0.23 | 0.039 | 11  | 200 | 2.04 | 296 |
| BRW114360 | 252  | 3.56 | 50.7 | 1.8 | 6.5  | 16.3 | 15  | 0.05 | 1.7  | 0.2  | 45  | 0.24 | 0.032 | 54  | 47  | 0.8  | 228 |
| BRW114361 | 280  | 3.89 | 10.4 | 1   | 1.5  | 11.7 | 13  | 0.05 | 0.6  | 0.2  | 37  | 0.19 | 0.028 | 14  | 34  | 0.67 | 157 |
| BRW114362 | 425  | 3.38 | 11.8 | 0.8 | 0.6  | 10.2 | 11  | 0.05 | 0.6  | 0.1  | 45  | 0.15 | 0.028 | 16  | 44  | 0.63 | 153 |
| BRW114363 | 409  | 4.32 | 6.8  | 1.1 | 0.7  | 11.9 | 7   | 0.05 | 0.2  | 0.2  | 49  | 0.14 | 0.036 | 20  | 56  | 1.27 | 137 |
| BRW114364 | 511  | 4.35 | 97.2 | 0.7 | 2.1  | 5.8  | 18  | 0.05 | 2.5  | 0.1  | 86  | 0.42 | 0.052 | 17  | 94  | 1.99 | 260 |
| BRW114370 | 364  | 2.18 | 12.2 | 0.8 | 3.4  | 2.8  | 105 | 0.5  | 0.7  | 0.1  | 51  | 5.98 | 0.074 | 11  | 25  | 1.41 | 270 |
| BRW115501 | 1076 | 5.4  | 73.6 | 1.8 | 2.8  | 34   | 73  | 0.6  | 2.8  | 0.05 | 87  | 0.47 | 0.105 | 45  | 49  | 0.52 | 692 |
| BRW115502 | 406  | 3.7  | 25.8 | 3.1 | 7.7  | 12.7 | 50  | 0.6  | 1.1  | 0.05 | 62  | 1.32 | 0.091 | 31  | 45  | 0.68 | 395 |
| BRW115506 | 459  | 3.04 | 6.7  | 0.6 | 2.4  | 4.2  | 20  | 0.05 | 0.2  | 0.05 | 85  | 0.49 | 0.078 | 13  | 236 | 1.22 | 163 |
| BRW115508 | 412  | 4.61 | 21.2 | 1.3 | 2.9  | 7.7  | 27  | 0.1  | 0.9  | 0.1  | 67  | 0.21 | 0.065 | 23  | 46  | 0.65 | 378 |
| BRW115653 | 702  | 5.24 | 5.2  | 0.7 | 0.8  | 7.8  | 11  | 0.05 | 0.3  | 0.05 | 60  | 0.14 | 0.025 | 6   | 28  | 1.26 | 256 |
| BRW115654 | 718  | 5.31 | 5.7  | 0.7 | 0.9  | 7.8  | 11  | 0.05 | 0.3  | 0.05 | 61  | 0.15 | 0.026 | 6   | 28  | 1.23 | 248 |
| BRW115656 | 521  | 3.49 | 2.1  | 1.1 | 0.6  | 9.7  | 15  | 0.05 | 0.05 | 0.2  | 48  | 0.35 | 0.051 | 61  | 59  | 1.31 | 186 |
| BRW115657 | 514  | 4.31 | 2    | 1.4 | 0.25 | 15.4 | 16  | 0.05 | 0.05 | 0.2  | 63  | 0.37 | 0.073 | 47  | 108 | 1.84 | 183 |
| BRW115658 | 524  | 4.81 | 10   | 0.9 | 7.9  | 5.4  | 19  | 0.05 | 0.4  | 0.05 | 94  | 0.35 | 0.046 | 21  | 247 | 1.54 | 252 |
| BRW115659 | 431  | 4.5  | 13.7 | 1.7 | 1.7  | 12.5 | 17  | 0.05 | 0.6  | 0.2  | 92  | 0.22 | 0.032 | 28  | 65  | 1.25 | 204 |
| BRW115660 | 603  | 4.51 | 39.5 | 1   | 0.5  | 7.5  | 15  | 0.05 | 1.7  | 0.05 | 44  | 0.41 | 0.096 | 21  | 48  | 1.23 | 113 |
| BRW115661 | 404  | 4.16 | 7.7  | 0.9 | 0.25 | 7.5  | 18  | 0.1  | 0.3  | 0.2  | 68  | 0.22 | 0.022 | 15  | 55  | 1.19 | 243 |
| BRW115662 | 430  | 3.47 | 11.8 | 1.2 | 5.3  | 10.4 | 20  | 0.1  | 0.4  | 0.2  | 64  | 0.43 | 0.071 | 31  | 45  | 1.02 | 215 |
| BRW115663 | 388  | 3.79 | 11.2 | 0.7 | 0.25 | 6.1  | 20  | 0.05 | 0.4  | 0.05 | 76  | 0.33 | 0.025 | 14  | 57  | 1.48 | 270 |
| BRW115664 | 766  | 4.73 | 11.5 | 0.4 | 0.25 | 2.8  | 12  | 0.2  | 0.3  | 0.1  | 96  | 0.32 | 0.04  | 6   | 83  | 1.81 | 248 |
| BRW115665 | 394  | 2.91 | 12.9 | 0.8 | 2.9  | 6.8  | 19  | 0.05 | 0.5  | 0.1  | 53  | 0.43 | 0.048 | 23  | 44  | 0.78 | 163 |
| BRW115666 | 463  | 4.09 | 19.9 | 1.6 | 0.25 | 10.3 | 18  | 0.05 | 0.7  | 0.2  | 73  | 0.27 | 0.036 | 21  | 49  | 0.96 | 175 |
| BRW115673 | 472  | 3.99 | 7.8  | 1.5 | 3.1  | 17.2 | 20  | 0.2  | 0.3  | 0.3  | 37  | 0.33 | 0.078 | 44  | 36  | 0.52 | 230 |
| BRW115674 | 488  | 4.14 | 7.9  | 1.6 | 2.2  | 16.9 | 21  | 0.1  | 0.4  | 0.3  | 40  | 0.33 | 0.075 | 42  | 36  | 0.57 | 228 |
| BRW115797 | 387  | 4.67 | 1.7  | 1.9 | 0.25 | 21   | 11  | 0.05 | 0.1  | 0.1  | 55  | 0.18 | 0.031 | 76  | 50  | 1.25 | 310 |
| BRW115798 | 351  | 3.46 | 9.8  | 1.2 | 0.8  | 14.5 | 15  | 0.05 | 0.3  | 0.05 | 40  | 0.33 | 0.073 | 41  | 48  | 0.35 | 152 |
| BRW115799 | 254  | 2.78 | 7.6  | 0.4 | 3.6  | 3.9  | 16  | 0.05 | 0.4  | 0.1  | 62  | 0.18 | 0.023 | 9   | 32  | 0.44 | 197 |
| BRW115800 | 287  | 2.94 | 15.1 | 1.2 | 2.4  | 6.4  | 27  | 0.05 | 0.6  | 0.2  | 59  | 0.24 | 0.02  | 20  | 39  | 0.46 | 279 |
| BRW115801 | 266  | 3.7  | 5.4  | 1   | 1.4  | 11   | 11  | 0.05 | 0.2  | 0.05 | 82  | 0.1  | 0.027 | 19  | 98  | 0.85 | 196 |
| BRW115802 | 214  | 3.18 | 10.8 | 0.9 | 3.6  | 5.8  | 24  | 0.05 | 0.3  | 0.1  | 64  | 0.22 | 0.022 | 21  | 41  | 0.61 | 272 |
| BRW115804 | 285  | 2.93 | 4.7  | 0.5 | 2    | 3.4  | 29  | 0.1  | 0.2  | 0.05 | 58  | 0.54 | 0.049 | 13  | 41  | 1.21 | 178 |
| BRW115805 | 414  | 2.94 | 9.2  | 0.8 | 2.4  | 3.9  | 36  | 0.3  | 0.6  | 0.2  | 67  | 0.65 | 0.061 | 15  | 46  | 0.73 | 305 |
| BRW115806 | 365  | 2.62 | 8.6  | 0.9 | 2.8  | 3.3  | 35  | 0.3  | 0.5  | 0.2  | 61  | 0.57 | 0.052 | 13  | 38  | 0.56 | 314 |
| BRW115807 | 283  | 2.41 | 7.2  | 0.6 | 0.6  | 2.6  | 27  | 0.1  | 0.3  | 0.05 | 51  | 0.5  | 0.055 | 9   | 52  | 0.83 | 172 |
| BRW115808 | 304  | 1.9  | 7.3  | 0.4 | 2.5  | 1.9  | 45  | 0.2  | 0.5  | 0.1  | 46  | 0.93 | 0.048 | 8   | 23  | 0.48 | 196 |
| BRW117783 | 467  | 3.26 | 4.7  | 3.6 | 12.4 | 14.1 | 24  | 0.05 | 0.05 | 0.4  | 64  | 0.23 | 0.039 | 35  | 115 | 1.95 | 232 |
| BRW117788 | 400  | 3.2  | 5.8  | 1.1 | 3.3  | 9.6  | 17  | 0.05 | 0.2  | 0.2  | 48  | 0.38 | 0.051 | 18  | 37  | 0.84 | 176 |
| BRW117788 | 387  | 3.13 | 5.7  | 1.1 | 2.5  | 10   | 17  | 0.05 | 0.2  | 0.2  | 47  | 0.36 | 0.052 | 18  | 36  | 0.84 | 177 |
| BRW117789 | 919  | 3.85 | 10   | 2   | 4.5  | 10.9 | 25  | 0.1  | 0.4  | 0.2  | 64  | 0.55 | 0.056 | 38  | 46  | 0.84 | 335 |
| BRW117790 | 459  | 3.19 | 9.2  | 1.2 | 3.1  | 7.1  | 20  | 0.1  | 0.3  | 0.1  | 55  | 0.47 | 0.064 | 25  | 41  | 0.78 | 234 |
| BRW117791 | 790  | 4.34 | 5.6  | 2.2 | 1    | 12.4 | 35  | 0.1  | 0.1  | 0.4  | 117 | 0.53 | 0.16  | 45  | 70  | 2.45 | 351 |
| BRW117792 | 410  | 2.85 | 12.1 | 2   | 3.2  | 7.7  | 23  | 0.1  | 0.4  | 0.1  | 53  | 0.42 | 0.06  | 32  | 37  | 0.71 | 210 |
| BRW117794 | 412  | 2.81 | 8.9  | 1   | 0.8  | 5.9  | 28  | 0.05 | 0.5  | 0.1  | 56  | 0.44 | 0.053 | 24  | 39  | 0.68 | 240 |
| BRW117795 | 651  | 4.68 | 4.4  | 1.8 | 1.6  | 12.8 | 19  | 0.2  | 0.2  | 0.7  | 72  | 0.32 | 0.068 | 36  | 50  | 1.73 | 514 |
| BRW117796 | 458  | 3.15 | 42.4 | 1.4 | 2.7  | 8.7  | 23  | 0.2  | 1.1  | 0.3  | 53  | 0.47 | 0.037 | 29  | 43  | 0.59 | 170 |
| BRW117797 | 393  | 3.83 | 44   | 2   | 3.5  | 6.4  | 20  | 0.4  | 1.1  | 0.2  | 51  | 0.45 | 0.057 | 22  | 39  | 0.84 | 207 |
| BRW117799 | 451  | 3.47 | 16.9 | 1   | 2.8  | 5.4  | 18  | 0.1  | 0.8  | 0.1  | 53  | 0.27 | 0.024 | 18  | 33  | 0.38 | 210 |
| BRW117800 | 534  | 3.2  | 13.2 | 0.7 | 8.5  | 4.8  | 34  | 0.2  | 0.7  | 0.2  | 67  | 0.85 | 0.05  | 18  | 43  | 0.65 | 323 |
| BRW90597  | 790  | 5.72 | 0.8  | 0.3 | 1.1  | 3.2  | 114 | 0.05 | 0.05 | 0.05 | 149 | 1.35 | 0.104 | 14  | 14  | 2.3  | 524 |
| BRW90600  | 537  | 6.5  | 14.1 | 1.3 | 0.25 | 38   | 29  | 0.05 | 0.05 | 0.05 | 102 | 0.46 | 0.049 | 66  | 100 | 1.74 | 639 |
| BRW90603  | 806  | 3.85 | 0.25 | 0.7 | 0.9  | 7.6  | 20  | 0.1  | 0.05 | 0.1  | 69  | 0.8  | 0.238 | 24  | 43  | 1.15 | 432 |
| BRW90606  | 548  | 4.96 | 1.1  | 2.5 | 3.8  | 33.2 | 17  | 0.1  | 0.2  | 0.1  | 53  | 0.27 | 0.106 | 112 | 76  | 0.54 | 220 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW114350 | 0.131 | 0.5 | 2.09 | 0.011 | 0.5  | 0.05 | 0.005 | 5.5  | 0.6  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000136 |
| BRW114351 | 0.092 | 1   | 1.68 | 0.008 | 0.3  | 0.05 | 0.005 | 3.1  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000136 |
| BRW114352 | 0.17  | 0.5 | 2.08 | 0.009 | 0.71 | 0.05 | 0.01  | 3.9  | 0.5  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000136 |
| BRW114353 | 0.103 | 0.5 | 2.07 | 0.006 | 0.65 | 0.05 | 0.01  | 5.3  | 0.5  | 0.025 | 6  | 1.5  | 1DX15  | WHI10000136 |
| BRW114354 | 0.258 | 0.5 | 2.9  | 0.01  | 1.48 | 0.1  | 0.01  | 12.6 | 0.6  | 0.025 | 14 | 0.25 | 1DX15  | WHI10000136 |
| BRW114355 | 0.181 | 0.5 | 2.3  | 0.011 | 0.94 | 0.05 | 0.005 | 5.9  | 0.3  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000136 |
| BRW114356 | 0.13  | 1   | 2.12 | 0.014 | 0.63 | 0.05 | 0.03  | 7.4  | 0.5  | 0.025 | 8  | 1.7  | 1DX15  | WHI10000136 |
| BRW114357 | 0.071 | 0.5 | 1.22 | 0.008 | 0.23 | 0.05 | 0.05  | 5.1  | 0.4  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000136 |
| BRW114358 | 0.137 | 0.5 | 2.33 | 0.011 | 0.7  | 0.05 | 0.01  | 5.2  | 0.5  | 0.025 | 7  | 1.1  | 1DX15  | WHI10000136 |
| BRW114359 | 0.217 | 2   | 3.5  | 0.01  | 1.57 | 0.1  | 0.03  | 8.5  | 0.8  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000136 |
| BRW114360 | 0.103 | 0.5 | 2.11 | 0.006 | 0.57 | 0.05 | 0.04  | 5    | 0.4  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000136 |
| BRW114361 | 0.102 | 2   | 2.04 | 0.006 | 0.57 | 0.05 | 0.01  | 3.7  | 0.5  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW114362 | 0.112 | 1   | 2.07 | 0.01  | 0.5  | 0.05 | 0.01  | 3.1  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW114363 | 0.143 | 0.5 | 2.95 | 0.01  | 0.8  | 0.05 | 0.01  | 3.3  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW114364 | 0.217 | 2   | 2.95 | 0.015 | 1.03 | 0.1  | 0.07  | 6.1  | 0.7  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000136 |
| BRW114370 | 0.068 | 3   | 1.21 | 0.038 | 0.13 | 0.1  | 0.04  | 3.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW115501 | 0.041 | 0.5 | 1.23 | 0.007 | 0.45 | 0.05 | 0.05  | 7.7  | 0.4  | 0.025 | 5  | 1.8  | 1DX15  | WHI10000136 |
| BRW115502 | 0.057 | 2   | 1.58 | 0.017 | 0.29 | 0.05 | 0.07  | 6.9  | 0.3  | 0.05  | 5  | 1.4  | 1DX15  | WHI10000136 |
| BRW115506 | 0.117 | 1   | 1.52 | 0.012 | 0.34 | 0.05 | 0.005 | 6.9  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW115508 | 0.082 | 0.5 | 1.81 | 0.009 | 0.37 | 0.05 | 0.01  | 3.7  | 0.3  | 0.08  | 5  | 0.9  | 1DX15  | WHI10000136 |
| BRW115653 | 0.319 | 1   | 3.15 | 0.009 | 1.15 | 0.1  | 0.005 | 9.7  | 0.7  | 0.025 | 14 | 0.25 | 1DX15  | WHI10000136 |
| BRW115654 | 0.33  | 0.5 | 3.13 | 0.009 | 1.19 | 0.1  | 0.01  | 10   | 0.7  | 0.025 | 14 | 0.25 | 1DX15  | WHI10000136 |
| BRW115656 | 0.182 | 0.5 | 2.83 | 0.012 | 0.86 | 0.05 | 0.005 | 2.4  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW115657 | 0.114 | 0.5 | 3.24 | 0.012 | 0.72 | 0.05 | 0.005 | 5.5  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW115658 | 0.128 | 0.5 | 2.86 | 0.011 | 0.59 | 0.05 | 0.05  | 10.8 | 0.3  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000136 |
| BRW115659 | 0.14  | 1   | 2.24 | 0.009 | 0.66 | 0.05 | 0.02  | 5.2  | 0.4  | 0.025 | 8  | 0.9  | 1DX15  | WHI10000136 |
| BRW115660 | 0.192 | 0.5 | 2.67 | 0.009 | 1.24 | 0.2  | 0.01  | 4.2  | 0.8  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW115661 | 0.162 | 0.5 | 2.54 | 0.013 | 0.63 | 0.05 | 0.005 | 3.3  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW115662 | 0.143 | 0.5 | 2.16 | 0.018 | 0.53 | 0.2  | 0.005 | 4.5  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW115663 | 0.187 | 0.5 | 3.08 | 0.037 | 0.84 | 0.1  | 0.02  | 4.3  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW115664 | 0.146 | 0.5 | 3.07 | 0.018 | 0.71 | 0.2  | 0.005 | 6.7  | 0.5  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW115665 | 0.11  | 1   | 1.69 | 0.018 | 0.3  | 0.1  | 0.07  | 3.8  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW115666 | 0.109 | 2   | 2.44 | 0.009 | 0.55 | 0.1  | 0.005 | 6.8  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW115673 | 0.054 | 2   | 1.3  | 0.008 | 0.61 | 0.05 | 0.06  | 5    | 0.4  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW115674 | 0.058 | 0.5 | 1.35 | 0.006 | 0.63 | 0.05 | 0.06  | 5.2  | 0.5  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW115797 | 0.145 | 0.5 | 2.58 | 0.015 | 0.82 | 0.05 | 0.01  | 5.1  | 0.3  | 0.025 | 9  | 1.3  | 1DX15  | WHI10000136 |
| BRW115798 | 0.018 | 0.5 | 0.96 | 0.005 | 0.26 | 0.05 | 0.02  | 5.1  | 0.2  | 0.025 | 3  | 1.2  | 1DX15  | WHI10000136 |
| BRW115799 | 0.054 | 0.5 | 1.78 | 0.009 | 0.12 | 0.05 | 0.02  | 2.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW115800 | 0.068 | 1   | 1.64 | 0.017 | 0.07 | 0.05 | 0.05  | 6    | 0.05 | 0.025 | 5  | 0.9  | 1DX15  | WHI10000136 |
| BRW115801 | 0.159 | 0.5 | 2.51 | 0.01  | 0.61 | 0.05 | 0.005 | 3.6  | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000136 |
| BRW115802 | 0.08  | 1   | 1.72 | 0.013 | 0.09 | 0.05 | 0.005 | 3.8  | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000136 |
| BRW115804 | 0.124 | 1   | 2.33 | 0.033 | 0.23 | 0.05 | 0.005 | 5.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW115805 | 0.093 | 2   | 1.84 | 0.026 | 0.07 | 0.1  | 0.04  | 4.6  | 0.05 | 0.025 | 6  | 0.7  | 1DX15  | WHI10000136 |
| BRW115806 | 0.075 | 2   | 1.66 | 0.023 | 0.05 | 0.1  | 0.03  | 4    | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000136 |
| BRW115807 | 0.063 | 0.5 | 1.43 | 0.024 | 0.04 | 0.1  | 0.03  | 2.9  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000136 |
| BRW115808 | 0.062 | 2   | 1.12 | 0.057 | 0.05 | 0.05 | 0.02  | 2.9  | 0.05 | 0.07  | 3  | 0.6  | 1DX15  | WHI10000136 |
| BRW117783 | 0.106 | 0.5 | 3.74 | 0.013 | 1.19 | 0.05 | 0.01  | 10.2 | 0.8  | 0.06  | 11 | 0.25 | 1DX15  | WHI10000136 |
| BRW117788 | 0.113 | 0.5 | 2    | 0.013 | 0.46 | 0.05 | 0.01  | 3.6  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW117788 | 0.11  | 0.5 | 2.01 | 0.015 | 0.45 | 0.05 | 0.005 | 3.3  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW117789 | 0.115 | 0.5 | 2.54 | 0.02  | 0.31 | 0.1  | 0.05  | 6.2  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000136 |
| BRW117790 | 0.11  | 0.5 | 1.89 | 0.015 | 0.33 | 0.1  | 0.04  | 4.6  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW117791 | 0.132 | 0.5 | 3.48 | 0.017 | 0.99 | 0.05 | 0.02  | 5.6  | 0.4  | 0.09  | 11 | 1.1  | 1DX15  | WHI10000136 |
| BRW117792 | 0.106 | 0.5 | 1.62 | 0.018 | 0.25 | 0.2  | 0.04  | 4.5  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW117794 | 0.109 | 0.5 | 1.57 | 0.024 | 0.24 | 0.1  | 0.03  | 4.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW117795 | 0.129 | 0.5 | 3.01 | 0.02  | 0.99 | 0.05 | 0.01  | 7.1  | 0.4  | 0.025 | 11 | 0.8  | 1DX15  | WHI10000136 |
| BRW117796 | 0.041 | 0.5 | 1.86 | 0.015 | 0.19 | 0.2  | 0.02  | 7.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW117797 | 0.07  | 0.5 | 1.87 | 0.015 | 0.25 | 0.1  | 0.03  | 6.4  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW117799 | 0.061 | 0.5 | 1.43 | 0.013 | 0.09 | 0.6  | 0.03  | 7.4  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW117800 | 0.088 | 1   | 1.98 | 0.027 | 0.08 | 0.1  | 0.05  | 5.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000136 |
| BRW90597  | 0.393 | 3   | 3.5  | 0.021 | 0.8  | 0.05 | 0.005 | 3.6  | 0.1  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000136 |
| BRW90600  | 0.255 | 0.5 | 3.28 | 0.009 | 1.61 | 0.05 | 0.01  | 5.6  | 0.7  | 0.025 | 13 | 0.7  | 1DX15  | WHI10000136 |
| BRW90603  | 0.104 | 0.5 | 2.25 | 0.014 | 0.87 | 0.05 | 0.005 | 5.4  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000136 |
| BRW90606  | 0.046 | 1   | 1.57 | 0.006 | 0.68 | 0.05 | 0.005 | 4.8  | 0.5  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000136 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|-------|------|
| BRW90613  | Soil | 600414     | 7002443    | 07V      | 1.1 | 27.5  | 9.6  | 67  | 0.1  | 24.7  | 12.6 |
| BRW90614  | Soil | 600453     | 7002475    | 07V      | 0.9 | 30    | 8.3  | 69  | 0.1  | 24.7  | 11.6 |
| BRW90617  | Soil | 600572     | 7002565    | 07V      | 0.5 | 40.8  | 6.8  | 54  | 0.1  | 31.1  | 13.3 |
| BRW90622  | Soil | 599727     | 7001779    | 07V      | 0.4 | 98.6  | 3.1  | 152 | 0.05 | 32.1  | 24.6 |
| BRW100042 | Soil | 599807     | 7001841    | 07V      | 0.8 | 53.7  | 8    | 75  | 0.05 | 23.1  | 15.3 |
| BRW100043 | Soil | 599846     | 7001873    | 07V      | 0.8 | 23.3  | 4.3  | 79  | 0.05 | 9.8   | 18.9 |
| BRW100044 | Soil | 599886     | 7001902    | 07V      | 1.8 | 120.5 | 24.7 | 319 | 0.05 | 65    | 19.7 |
| BRW100045 | Soil | 599925     | 7001934    | 07V      | 0.7 | 33.7  | 3.4  | 65  | 0.05 | 34.4  | 18.6 |
| BRW100048 | Soil | 600002     | 7001995    | 07V      | 0.4 | 49.4  | 4.7  | 77  | 0.05 | 56.3  | 22.7 |
| BRW100049 | Soil | 600002     | 7001995    | 07V      | 0.3 | 53.7  | 3.3  | 64  | 0.05 | 50    | 22.5 |
| BRW100050 | Soil | 600042     | 7002025    | 07V      | 5   | 188.7 | 1.2  | 56  | 0.1  | 174.8 | 29.8 |
| BRW100052 | Soil | 600120     | 7002088    | 07V      | 0.9 | 55.7  | 19.7 | 120 | 0.05 | 41.6  | 18.7 |
| BRW100055 | Soil | 600239     | 7002181    | 07V      | 1.5 | 39.2  | 12.7 | 94  | 0.2  | 33.2  | 8.8  |
| BRW100879 | Soil | 599491     | 7001596    | 07V      | 0.4 | 60.2  | 3.1  | 72  | 0.05 | 21.6  | 18.2 |
| BRW100880 | Soil | 599530     | 7001626    | 07V      | 0.5 | 67.4  | 3.6  | 46  | 0.05 | 30    | 17   |
| BRW100881 | Soil | 599569     | 7001657    | 07V      | 0.5 | 47.4  | 3.4  | 52  | 0.05 | 260   | 30   |
| BRW100882 | Soil | 599609     | 7001688    | 07V      | 0.2 | 69.7  | 1    | 21  | 0.05 | 29.5  | 13.9 |
| BRW100883 | Soil | 599647     | 7001719    | 07V      | 0.5 | 74.7  | 3.7  | 42  | 0.05 | 42.7  | 15.7 |
| BRW101079 | Soil | 600820     | 7002252    | 07V      | 0.8 | 30.2  | 9.1  | 57  | 0.2  | 25.1  | 10.8 |
| BRW101080 | Soil | 600863     | 7002287    | 07V      | 0.7 | 30.3  | 7.4  | 59  | 0.05 | 26.3  | 10.8 |
| BRW101081 | Soil | 600863     | 7002287    | 07V      | 0.7 | 30.9  | 7.4  | 60  | 0.05 | 26.9  | 11   |
| BRW101247 | Soil | 599737     | 7003309    | 07V      | 0.8 | 120.9 | 4.6  | 30  | 0.05 | 198.9 | 44.8 |
| BRW101248 | Soil | 599699     | 7003281    | 07V      | 0.5 | 37.8  | 7.3  | 30  | 0.05 | 36.4  | 15.1 |
| BRW101249 | Soil | 599658     | 7003248    | 07V      | 0.8 | 36.9  | 7.9  | 43  | 0.05 | 34.3  | 11.9 |
| BRW101251 | Soil | 599580     | 7003187    | 07V      | 0.8 | 29.3  | 8.8  | 47  | 0.1  | 26.2  | 8.7  |
| BRW101252 | Soil | 599540     | 7003156    | 07V      | 0.4 | 31.1  | 3.6  | 27  | 0.05 | 24.5  | 16.3 |
| BRW101280 | Soil | 599161     | 7002099    | 07V      | 0.4 | 77.8  | 3.5  | 63  | 0.05 | 27.5  | 19.7 |
| BRW101280 | REP  | 599161     | 7002099    | 07V      | 0.3 | 71.5  | 3.2  | 59  | 0.05 | 25    | 18.2 |
| BRW101282 | Soil | 599241     | 7002160    | 07V      | 2.6 | 205.4 | 9.1  | 81  | 0.05 | 51.5  | 28.2 |
| BRW101288 | Soil | 599478     | 7002346    | 07V      | 0.6 | 19.8  | 5.8  | 55  | 0.05 | 10.3  | 12.4 |
| BRW101289 | Soil | 599517     | 7002377    | 07V      | 0.4 | 39.4  | 4    | 78  | 0.05 | 9.1   | 18.2 |
| BRW101291 | Soil | 599593     | 7002436    | 07V      | 0.8 | 46.9  | 3.3  | 99  | 0.05 | 18.6  | 21.3 |
| BRW101292 | Soil | 599632     | 7002468    | 07V      | 1   | 70.8  | 25.8 | 467 | 0.1  | 38.8  | 22   |
| BRW104128 | Soil | 600538     | 7004316    | 07V      | 1.5 | 48.5  | 15   | 81  | 0.05 | 33.5  | 9.7  |
| BRW104387 | Soil | 600579     | 7004097    | 07V      | 1.3 | 47.1  | 15.9 | 83  | 0.2  | 35.7  | 12   |
| BRW104393 | Soil | 600346     | 7003908    | 07V      | 4.2 | 42.7  | 16.9 | 98  | 0.2  | 34.9  | 8.4  |
| BRW104395 | Soil | 600307     | 7003883    | 07V      | 2   | 37.8  | 16.4 | 127 | 0.05 | 65    | 15.9 |
| BRW104396 | Soil | 600268     | 7003852    | 07V      | 1.2 | 39.2  | 11.4 | 78  | 0.2  | 32.7  | 10.2 |
| BRW104398 | Soil | 600188     | 7003790    | 07V      | 1.6 | 34    | 9.3  | 54  | 0.2  | 23.7  | 8.4  |
| BRW104399 | Soil | 600149     | 7003759    | 07V      | 1.3 | 26    | 5.6  | 87  | 0.1  | 24.6  | 20.1 |
| BRW104401 | Soil | 600070     | 7003697    | 07V      | 0.9 | 29.2  | 5.2  | 54  | 0.05 | 17.9  | 11.8 |
| BRW104404 | Soil | 599952     | 7003603    | 07V      | 4.9 | 81.6  | 60.1 | 283 | 0.4  | 59.6  | 17.1 |
| BRW104435 | Soil | 600090     | 7001811    | 07V      | 1.1 | 20.9  | 6.2  | 46  | 0.05 | 19.8  | 11.2 |
| BRW104436 | Soil | 600129     | 7001839    | 07V      | 0.7 | 42.9  | 2.7  | 64  | 0.05 | 24.2  | 16.6 |
| BRW104437 | Soil | 600168     | 7001871    | 07V      | 0.6 | 44.3  | 5.6  | 50  | 0.05 | 334.4 | 37.4 |
| BRW104438 | Soil | 600207     | 7001899    | 07V      | 0.5 | 46.2  | 6.7  | 65  | 0.1  | 46.7  | 14.2 |
| BRW104439 | Soil | 600247     | 7001931    | 07V      | 0.6 | 49.8  | 10   | 94  | 0.05 | 36.7  | 16.2 |
| BRW104440 | Soil | 600286     | 7001963    | 07V      | 1.8 | 61.2  | 13.3 | 126 | 0.05 | 46.9  | 13.2 |
| BRW104441 | Soil | 600325     | 7001993    | 07V      | 1.6 | 46.9  | 8.2  | 112 | 0.05 | 30.4  | 10.8 |
| BRW104442 | Soil | 600364     | 7002026    | 07V      | 2.4 | 55.5  | 14.7 | 112 | 0.05 | 44    | 10.7 |
| BRW104443 | Soil | 600404     | 7002054    | 07V      | 1.6 | 44.5  | 42.2 | 122 | 0.05 | 35.7  | 11.8 |
| BRW104444 | Soil | 600444     | 7002086    | 07V      | 1.5 | 42.9  | 26.8 | 84  | 0.05 | 30.1  | 11.8 |
| BRW104444 | REP  | 600444     | 7002086    | 07V      | 1.4 | 41.7  | 26.4 | 84  | 0.05 | 30.6  | 12   |
| BRW104445 | Soil | 600481     | 7002114    | 07V      | 1.4 | 30.7  | 18.3 | 53  | 0.2  | 20.6  | 9.4  |
| BRW104446 | Soil | 600521     | 7002146    | 07V      | 1.4 | 39.4  | 14.6 | 66  | 0.4  | 24.6  | 11.3 |
| BRW108030 | Soil | 596432     | 7005676    | 07V      | 1.2 | 47.6  | 10.2 | 134 | 0.05 | 55    | 18.2 |
| BRW108031 | Soil | 596431     | 7005677    | 07V      | 1.3 | 46.6  | 12.9 | 134 | 0.1  | 54.5  | 18   |
| BRW108470 | Soil | 600672     | 7004549    | 07V      | 2   | 62    | 19.1 | 146 | 0.05 | 45.7  | 13.5 |
| BRW108470 | REP  | 600672     | 7004549    | 07V      | 2.1 | 63.5  | 19   | 148 | 0.05 | 46.4  | 13.4 |
| BRW108474 | Soil | 600516     | 7004425    | 07V      | 1.7 | 30.3  | 12.4 | 65  | 0.05 | 28.3  | 10.7 |
| BRW108566 | Soil | 600001     | 7003136    | 07V      | 0.8 | 54.4  | 7.5  | 39  | 0.05 | 70.6  | 18.6 |
| BRW108567 | Soil | 599962     | 7003106    | 07V      | 0.1 | 40.7  | 3    | 14  | 0.05 | 57.3  | 23.8 |
| BRW108569 | Soil | 599882     | 7003045    | 07V      | 0.1 | 31.5  | 6.4  | 113 | 0.05 | 31.6  | 18.7 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba   |
|-----------|------|------|-------|-----|------|------|-----|------|------|------|-----|------|-------|----|-----|------|------|
| BRW90613  | 396  | 2.66 | 6.7   | 0.9 | 3.7  | 4    | 35  | 0.2  | 0.4  | 0.1  | 61  | 0.54 | 0.06  | 15 | 39  | 0.61 | 268  |
| BRW90614  | 371  | 2.66 | 6.3   | 1.1 | 3.2  | 3.6  | 37  | 0.2  | 0.4  | 0.1  | 61  | 0.59 | 0.064 | 17 | 34  | 0.57 | 295  |
| BRW90617  | 439  | 2.33 | 5.2   | 1   | 2.7  | 2.6  | 41  | 0.2  | 0.3  | 0.05 | 54  | 0.83 | 0.09  | 12 | 43  | 0.68 | 242  |
| BRW90622  | 775  | 6.62 | 2.2   | 0.5 | 0.25 | 8.1  | 146 | 0.1  | 0.1  | 0.05 | 141 | 1.51 | 0.215 | 18 | 69  | 1.72 | 323  |
| BRW100042 | 471  | 4.15 | 1     | 0.3 | 0.8  | 2.8  | 51  | 0.05 | 0.1  | 0.05 | 95  | 1.21 | 0.177 | 10 | 48  | 1.14 | 153  |
| BRW100043 | 688  | 4.33 | 3.3   | 0.4 | 0.25 | 4.6  | 73  | 0.05 | 0.2  | 0.05 | 110 | 0.77 | 0.06  | 9  | 17  | 1.51 | 253  |
| BRW100044 | 1149 | 6.53 | 419.9 | 1.3 | 0.6  | 10.5 | 43  | 1.6  | 15.4 | 0.1  | 270 | 0.94 | 0.119 | 37 | 142 | 2.68 | 1051 |
| BRW100045 | 543  | 3.62 | 2.1   | 0.8 | 0.25 | 6.8  | 26  | 0.05 | 0.05 | 0.05 | 85  | 0.68 | 0.087 | 18 | 128 | 1.86 | 447  |
| BRW100048 | 595  | 4.37 | 0.25  | 1   | 0.25 | 8.7  | 51  | 0.05 | 0.05 | 0.05 | 87  | 1.2  | 0.094 | 22 | 158 | 1.97 | 272  |
| BRW100049 | 553  | 3.83 | 0.25  | 0.6 | 0.25 | 4.7  | 40  | 0.05 | 0.05 | 0.05 | 81  | 1.14 | 0.102 | 11 | 143 | 1.79 | 253  |
| BRW100050 | 514  | 4.47 | 0.25  | 0.2 | 0.25 | 0.4  | 38  | 0.2  | 0.05 | 0.05 | 160 | 4.39 | 0.477 | 5  | 139 | 2.14 | 186  |
| BRW100052 | 569  | 3.84 | 0.7   | 0.9 | 0.25 | 8.6  | 34  | 0.05 | 0.05 | 0.05 | 41  | 2.06 | 0.672 | 24 | 78  | 1.81 | 456  |
| BRW100055 | 273  | 3.3  | 5.5   | 2.1 | 2.4  | 11.2 | 21  | 0.05 | 0.4  | 0.1  | 50  | 0.25 | 0.054 | 42 | 38  | 0.44 | 190  |
| BRW100879 | 461  | 3.66 | 1.3   | 0.3 | 0.25 | 1.3  | 70  | 0.05 | 0.05 | 0.05 | 100 | 1.14 | 0.082 | 4  | 23  | 1.28 | 193  |
| BRW100880 | 351  | 3.05 | 2.7   | 0.2 | 0.7  | 1.5  | 59  | 0.05 | 0.2  | 0.05 | 89  | 1.05 | 0.082 | 5  | 44  | 1.15 | 173  |
| BRW100881 | 352  | 3.25 | 2.3   | 0.5 | 1.2  | 2.4  | 28  | 0.05 | 0.1  | 0.05 | 65  | 0.64 | 0.049 | 11 | 619 | 3.36 | 281  |
| BRW100882 | 190  | 1.93 | 0.25  | 0.1 | 0.25 | 0.8  | 53  | 0.05 | 0.05 | 0.05 | 61  | 0.76 | 0.086 | 2  | 40  | 0.7  | 110  |
| BRW100883 | 333  | 2.55 | 1.5   | 0.4 | 0.6  | 2.3  | 73  | 0.05 | 0.05 | 0.05 | 75  | 1.22 | 0.115 | 10 | 74  | 1.31 | 202  |
| BRW101079 | 398  | 2.51 | 8.6   | 0.8 | 1.2  | 3.2  | 37  | 0.3  | 0.4  | 0.1  | 58  | 0.55 | 0.059 | 15 | 35  | 0.57 | 250  |
| BRW101080 | 437  | 2.5  | 9.8   | 0.5 | 2.3  | 3.2  | 56  | 0.2  | 0.6  | 0.1  | 56  | 1.41 | 0.079 | 13 | 30  | 0.77 | 231  |
| BRW101081 | 429  | 2.49 | 10    | 0.6 | 2.5  | 3.2  | 57  | 0.2  | 0.7  | 0.1  | 56  | 1.42 | 0.082 | 14 | 30  | 0.77 | 229  |
| BRW101247 | 280  | 2.88 | 3.6   | 0.5 | 1.7  | 1.7  | 21  | 0.05 | 0.1  | 0.05 | 77  | 0.55 | 0.047 | 6  | 53  | 1.22 | 74   |
| BRW101248 | 272  | 1.96 | 3.6   | 0.5 | 1.1  | 2.4  | 33  | 0.05 | 0.2  | 0.05 | 58  | 0.65 | 0.04  | 8  | 29  | 0.89 | 118  |
| BRW101249 | 291  | 2.18 | 5.3   | 1.2 | 1.7  | 4.4  | 31  | 0.05 | 0.3  | 0.1  | 56  | 0.63 | 0.04  | 13 | 56  | 0.74 | 194  |
| BRW101251 | 215  | 2.05 | 5.3   | 1   | 1.2  | 3    | 43  | 0.1  | 0.4  | 0.1  | 48  | 0.6  | 0.041 | 11 | 49  | 0.53 | 213  |
| BRW101252 | 170  | 1.74 | 1.8   | 0.3 | 0.25 | 1.8  | 24  | 0.05 | 0.1  | 0.05 | 55  | 0.56 | 0.036 | 5  | 18  | 0.84 | 94   |
| BRW101280 | 434  | 3.45 | 4.4   | 0.3 | 0.25 | 1.8  | 69  | 0.05 | 0.2  | 0.05 | 93  | 0.82 | 0.103 | 4  | 43  | 1.43 | 254  |
| BRW101280 | 426  | 3.2  | 3.7   | 0.3 | 0.25 | 1.7  | 68  | 0.05 | 0.2  | 0.05 | 91  | 0.84 | 0.111 | 4  | 40  | 1.39 | 255  |
| BRW101282 | 752  | 4.58 | 0.9   | 0.5 | 2.3  | 2.1  | 142 | 0.05 | 0.7  | 0.2  | 108 | 1    | 0.068 | 9  | 35  | 2.77 | 126  |
| BRW101288 | 375  | 2.81 | 4.5   | 0.5 | 4.1  | 3.3  | 82  | 0.05 | 0.2  | 0.05 | 77  | 0.69 | 0.05  | 10 | 20  | 0.84 | 148  |
| BRW101289 | 462  | 3.92 | 2.8   | 0.2 | 0.25 | 1.7  | 125 | 0.05 | 0.2  | 0.05 | 102 | 0.87 | 0.096 | 6  | 15  | 1.41 | 309  |
| BRW101291 | 754  | 4.94 | 1     | 0.5 | 0.25 | 4.3  | 53  | 0.05 | 0.05 | 0.05 | 93  | 0.7  | 0.118 | 16 | 33  | 1.73 | 545  |
| BRW101292 | 1087 | 5.29 | 15.3  | 0.5 | 0.25 | 4    | 25  | 0.4  | 0.4  | 0.1  | 111 | 0.85 | 0.107 | 16 | 100 | 2.33 | 393  |
| BRW104128 | 286  | 2.97 | 28.6  | 1.7 | 5.1  | 5.7  | 26  | 0.2  | 1.2  | 0.2  | 71  | 0.32 | 0.027 | 20 | 38  | 0.43 | 312  |
| BRW104387 | 357  | 3.44 | 16.5  | 1.8 | 4    | 7.2  | 41  | 0.2  | 0.9  | 0.2  | 70  | 0.45 | 0.045 | 21 | 46  | 0.54 | 384  |
| BRW104393 | 479  | 3.66 | 20    | 1.1 | 2.9  | 5.5  | 26  | 0.05 | 0.8  | 0.2  | 75  | 0.27 | 0.042 | 17 | 49  | 0.96 | 384  |
| BRW104395 | 401  | 4.04 | 7.3   | 1.7 | 3.4  | 12.2 | 23  | 0.1  | 0.4  | 0.2  | 89  | 0.36 | 0.076 | 42 | 123 | 1.9  | 464  |
| BRW104396 | 223  | 3    | 19.2  | 0.9 | 9.5  | 6.2  | 25  | 0.1  | 0.8  | 0.1  | 67  | 0.32 | 0.055 | 18 | 42  | 0.74 | 164  |
| BRW104398 | 298  | 2.51 | 12.6  | 1.1 | 26.3 | 4.3  | 29  | 0.1  | 0.5  | 0.1  | 57  | 0.26 | 0.041 | 22 | 29  | 0.41 | 273  |
| BRW104399 | 751  | 5.34 | 6     | 0.6 | 2.6  | 6.5  | 27  | 0.05 | 0.3  | 0.05 | 101 | 0.59 | 0.135 | 26 | 36  | 1.42 | 272  |
| BRW104401 | 522  | 2.57 | 4.8   | 1.4 | 1.2  | 2.8  | 46  | 0.2  | 0.3  | 0.05 | 57  | 1.49 | 0.086 | 18 | 31  | 0.94 | 211  |
| BRW104404 | 689  | 4.24 | 110.8 | 1.9 | 2.2  | 21   | 80  | 1.7  | 4.1  | 0.05 | 52  | 0.51 | 0.085 | 33 | 29  | 0.24 | 428  |
| BRW104435 | 315  | 2.71 | 4.6   | 0.4 | 0.8  | 3    | 28  | 0.05 | 0.3  | 0.05 | 68  | 0.4  | 0.02  | 9  | 61  | 0.78 | 215  |
| BRW104436 | 443  | 3.96 | 2.3   | 0.9 | 0.25 | 4    | 44  | 0.05 | 0.2  | 0.05 | 91  | 1.17 | 0.239 | 13 | 69  | 1.26 | 168  |
| BRW104437 | 618  | 3.19 | 3.3   | 0.6 | 2.6  | 3    | 41  | 0.05 | 0.3  | 0.1  | 53  | 1.13 | 0.054 | 9  | 160 | 3.65 | 185  |
| BRW104438 | 469  | 2.76 | 3.5   | 0.9 | 3.6  | 3.6  | 37  | 0.1  | 0.3  | 0.05 | 62  | 1.29 | 0.066 | 17 | 79  | 0.99 | 270  |
| BRW104439 | 817  | 2.72 | 1.1   | 0.5 | 2.2  | 5.3  | 53  | 0.2  | 0.05 | 0.05 | 38  | 6.32 | 0.06  | 17 | 30  | 0.79 | 139  |
| BRW104440 | 388  | 4.14 | 2.9   | 1.3 | 12.1 | 14.3 | 14  | 0.05 | 0.1  | 0.1  | 72  | 0.29 | 0.063 | 39 | 62  | 0.57 | 213  |
| BRW104441 | 152  | 3.74 | 2.2   | 1.6 | 0.25 | 19.5 | 6   | 0.05 | 0.1  | 0.05 | 63  | 0.03 | 0.022 | 37 | 46  | 0.63 | 142  |
| BRW104442 | 328  | 4.01 | 1.5   | 1.9 | 3.4  | 18.9 | 15  | 0.05 | 0.3  | 0.1  | 57  | 0.17 | 0.024 | 54 | 38  | 0.4  | 206  |
| BRW104443 | 329  | 3.59 | 19.4  | 1.5 | 0.25 | 18.7 | 18  | 0.05 | 0.7  | 0.2  | 54  | 0.32 | 0.045 | 43 | 36  | 0.46 | 217  |
| BRW104444 | 213  | 3.28 | 9.4   | 2   | 2.1  | 12   | 26  | 0.05 | 0.3  | 0.2  | 41  | 0.16 | 0.031 | 42 | 33  | 0.37 | 193  |
| BRW104444 | 213  | 3.16 | 9.5   | 1.9 | 2.5  | 11.6 | 25  | 0.05 | 0.3  | 0.2  | 40  | 0.16 | 0.031 | 44 | 33  | 0.37 | 193  |
| BRW104445 | 161  | 2.7  | 6.6   | 1.5 | 0.9  | 9.8  | 28  | 0.05 | 0.5  | 0.1  | 44  | 0.19 | 0.031 | 25 | 28  | 0.28 | 160  |
| BRW104446 | 277  | 2.54 | 7.1   | 1.7 | 2.3  | 9.4  | 28  | 0.05 | 0.3  | 0.1  | 41  | 0.26 | 0.037 | 31 | 28  | 0.38 | 174  |
| BRW108030 | 639  | 4.09 | 31.1  | 0.8 | 3.4  | 17.8 | 23  | 0.2  | 0.3  | 0.05 | 45  | 1.46 | 0.065 | 50 | 34  | 0.34 | 168  |
| BRW108031 | 616  | 4.04 | 31.4  | 0.8 | 3.8  | 17.7 | 24  | 0.2  | 0.4  | 0.05 | 44  | 1.65 | 0.062 | 50 | 36  | 0.34 | 175  |
| BRW108470 | 418  | 4.42 | 4.8   | 3.3 | 5.3  | 14   | 24  | 0.2  | 0.7  | 0.3  | 71  | 0.29 | 0.083 | 40 | 45  | 0.62 | 341  |
| BRW108470 | 423  | 4.47 | 4.7   | 3.4 | 5.8  | 14.5 | 23  | 0.2  | 0.7  | 0.3  | 71  | 0.27 | 0.083 | 40 | 45  | 0.62 | 346  |
| BRW108474 | 457  | 2.95 | 21.2  | 1.4 | 2.6  | 5.3  | 22  | 0.3  | 1.6  | 0.2  | 65  | 0.24 | 0.021 | 20 | 38  | 0.43 | 284  |
| BRW108566 | 300  | 2.58 | 5.4   | 0.7 | 2.6  | 3.3  | 29  | 0.05 | 0.3  | 0.1  | 63  | 0.55 | 0.037 | 10 | 45  | 0.81 | 185  |
| BRW108567 | 192  | 1.43 | 0.7   | 0.2 | 0.25 | 0.7  | 34  | 0.05 | 0.05 | 0.05 | 30  | 0.74 | 0.011 | 2  | 17  | 0.93 | 61   |
| BRW108569 | 500  | 3.9  | 1.2   | 0.7 | 0.25 | 2.1  | 37  | 0.05 | 0.05 | 0.05 | 95  | 1.49 | 0.355 | 11 | 64  | 1.67 | 201  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW90613  | 0.066 | 0.5 | 1.64 | 0.021 | 0.05 | 0.05 | 0.02  | 3.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000136 |
| BRW90614  | 0.074 | 1   | 1.64 | 0.024 | 0.05 | 0.1  | 0.03  | 4.2  | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000136 |
| BRW90617  | 0.05  | 1   | 1.7  | 0.025 | 0.04 | 0.05 | 0.04  | 4.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000136 |
| BRW90622  | 0.21  | 0.5 | 3.25 | 0.057 | 0.08 | 0.05 | 0.005 | 8.2  | 0.05 | 0.025 | 11 | 0.6  | 1DX15  | WHI10000136 |
| BRW100042 | 0.113 | 0.5 | 2.42 | 0.068 | 0.06 | 0.05 | 0.005 | 9.5  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW100043 | 0.241 | 1   | 2.91 | 0.017 | 0.31 | 0.05 | 0.01  | 4.5  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW100044 | 0.165 | 1   | 3.8  | 0.016 | 0.49 | 0.05 | 0.09  | 11.7 | 0.3  | 0.025 | 18 | 0.9  | 1DX15  | WHI10000137 |
| BRW100045 | 0.173 | 0.5 | 2.45 | 0.031 | 0.62 | 0.05 | 0.005 | 7.2  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW100048 | 0.254 | 2   | 2.78 | 0.03  | 0.46 | 0.2  | 0.005 | 7.1  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW100049 | 0.252 | 1   | 2.43 | 0.031 | 0.54 | 0.2  | 0.005 | 5.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW100050 | 0.031 | 0.5 | 0.9  | 0.009 | 0.01 | 0.05 | 0.005 | 9.9  | 0.05 | 0.025 | 3  | 1.9  | 1DX15  | WHI10000137 |
| BRW100052 | 0.09  | 0.5 | 2.75 | 0.008 | 0.48 | 0.1  | 0.005 | 2.2  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW100055 | 0.035 | 0.5 | 1.5  | 0.01  | 0.18 | 0.05 | 0.03  | 4.8  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW100879 | 0.283 | 1   | 2.62 | 0.052 | 0.12 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW100880 | 0.175 | 0.5 | 2.5  | 0.054 | 0.09 | 0.05 | 0.005 | 4.6  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW100881 | 0.151 | 0.5 | 2.92 | 0.021 | 0.22 | 0.05 | 0.005 | 3.3  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW100882 | 0.076 | 0.5 | 1.52 | 0.056 | 0.04 | 0.05 | 0.005 | 3.2  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000137 |
| BRW100883 | 0.143 | 1   | 2.67 | 0.059 | 0.08 | 0.05 | 0.005 | 5    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW101079 | 0.078 | 1   | 1.79 | 0.032 | 0.06 | 0.2  | 0.04  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW101080 | 0.09  | 2   | 1.33 | 0.046 | 0.11 | 0.2  | 0.02  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW101081 | 0.092 | 3   | 1.36 | 0.047 | 0.11 | 0.2  | 0.03  | 3.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW101247 | 0.074 | 0.5 | 1.74 | 0.014 | 0.03 | 0.05 | 0.01  | 5.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW101248 | 0.076 | 0.5 | 1.99 | 0.02  | 0.04 | 0.05 | 0.01  | 5.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW101249 | 0.095 | 0.5 | 2.12 | 0.022 | 0.05 | 0.1  | 0.03  | 6    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW101251 | 0.073 | 0.5 | 2.21 | 0.042 | 0.04 | 0.2  | 0.04  | 3.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW101252 | 0.071 | 0.5 | 1.62 | 0.017 | 0.03 | 0.05 | 0.005 | 3.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW101280 | 0.181 | 1   | 2.78 | 0.042 | 0.42 | 0.05 | 0.005 | 5.4  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW101280 | 0.18  | 1   | 2.57 | 0.045 | 0.42 | 0.05 | 0.005 | 5.2  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW101282 | 0.121 | 1   | 3.57 | 0.023 | 0.07 | 0.05 | 0.005 | 7.3  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000137 |
| BRW101288 | 0.13  | 1   | 2.07 | 0.023 | 0.05 | 0.05 | 0.02  | 3.4  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW101289 | 0.227 | 0.5 | 2.99 | 0.029 | 0.18 | 0.05 | 0.005 | 3.7  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW101291 | 0.19  | 0.5 | 2.77 | 0.018 | 0.46 | 0.05 | 0.005 | 7.9  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW101292 | 0.175 | 1   | 3.24 | 0.015 | 0.89 | 0.05 | 0.02  | 9.2  | 0.5  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000137 |
| BRW104128 | 0.103 | 1   | 1.76 | 0.016 | 0.12 | 0.1  | 0.05  | 6    | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW104387 | 0.107 | 1   | 2.34 | 0.022 | 0.19 | 0.05 | 0.07  | 6.9  | 0.2  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000137 |
| BRW104393 | 0.131 | 0.5 | 1.98 | 0.009 | 0.38 | 0.05 | 0.02  | 4.3  | 0.5  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW104395 | 0.17  | 2   | 3.1  | 0.022 | 0.91 | 0.1  | 0.005 | 5.8  | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW104396 | 0.109 | 1   | 1.66 | 0.017 | 0.25 | 0.1  | 0.005 | 3.3  | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000137 |
| BRW104398 | 0.056 | 2   | 1.42 | 0.015 | 0.08 | 0.1  | 0.01  | 4.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW104399 | 0.166 | 1   | 2.81 | 0.015 | 0.94 | 0.05 | 0.03  | 9.8  | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000137 |
| BRW104401 | 0.075 | 2   | 1.51 | 0.02  | 0.28 | 0.1  | 0.04  | 5.8  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW104404 | 0.003 | 1   | 0.73 | 0.005 | 0.2  | 0.05 | 0.2   | 7.6  | 0.3  | 0.025 | 3  | 2.1  | 1DX15  | WHI10000137 |
| BRW104435 | 0.128 | 0.5 | 1.7  | 0.024 | 0.21 | 0.05 | 0.01  | 3.8  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW104436 | 0.131 | 0.5 | 2.26 | 0.069 | 0.15 | 0.05 | 0.005 | 10.3 | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW104437 | 0.07  | 2   | 1.39 | 0.025 | 0.06 | 0.05 | 0.02  | 4.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW104438 | 0.085 | 2   | 1.66 | 0.023 | 0.14 | 0.1  | 0.04  | 5.1  | 0.1  | 0.08  | 5  | 0.5  | 1DX15  | WHI10000137 |
| BRW104439 | 0.046 | 1   | 1.09 | 0.007 | 0.15 | 0.05 | 0.03  | 5.3  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW104440 | 0.082 | 1   | 1.52 | 0.009 | 0.45 | 0.05 | 0.03  | 5.5  | 0.4  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000137 |
| BRW104441 | 0.145 | 0.5 | 1.92 | 0.005 | 0.81 | 0.05 | 0.005 | 3.2  | 0.7  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000137 |
| BRW104442 | 0.057 | 1   | 1.53 | 0.007 | 0.3  | 0.05 | 0.04  | 5.9  | 0.4  | 0.025 | 5  | 1    | 1DX15  | WHI10000137 |
| BRW104443 | 0.077 | 1   | 1.55 | 0.006 | 0.41 | 0.05 | 0.03  | 5.3  | 0.5  | 0.025 | 5  | 1.1  | 1DX15  | WHI10000137 |
| BRW104444 | 0.037 | 1   | 1.35 | 0.01  | 0.15 | 0.05 | 0.02  | 4    | 0.2  | 0.025 | 4  | 1    | 1DX15  | WHI10000137 |
| BRW104444 | 0.037 | 0.5 | 1.38 | 0.01  | 0.14 | 0.05 | 0.01  | 3.9  | 0.2  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000137 |
| BRW104445 | 0.054 | 0.5 | 1.21 | 0.009 | 0.1  | 0.05 | 0.02  | 3.7  | 0.2  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000137 |
| BRW104446 | 0.043 | 1   | 1.29 | 0.011 | 0.13 | 0.05 | 0.03  | 4.2  | 0.2  | 0.025 | 3  | 0.8  | 1DX15  | WHI10000137 |
| BRW108030 | 0.021 | 3   | 1.04 | 0.007 | 0.21 | 0.05 | 0.03  | 5.9  | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW108031 | 0.022 | 4   | 1.07 | 0.008 | 0.22 | 0.05 | 0.03  | 5.9  | 0.4  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW108470 | 0.116 | 0.5 | 1.73 | 0.01  | 0.71 | 0.05 | 0.03  | 6.5  | 0.5  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000137 |
| BRW108470 | 0.114 | 2   | 1.72 | 0.01  | 0.72 | 0.05 | 0.04  | 6.4  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW108474 | 0.057 | 0.5 | 1.72 | 0.011 | 0.06 | 0.1  | 0.13  | 5.4  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW108566 | 0.086 | 0.5 | 1.97 | 0.025 | 0.05 | 0.1  | 0.02  | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW108567 | 0.043 | 0.5 | 1.8  | 0.022 | 0.05 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000137 |
| BRW108569 | 0.202 | 0.5 | 3.22 | 0.023 | 0.6  | 0.1  | 0.005 | 7.5  | 0.7  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000137 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|-------|------|
| BRW108570 | Soil | 599841     | 7003014    | 07V      | 0.1 | 40.4  | 3    | 43  | 0.05 | 34.5  | 18.2 |
| BRW108571 | Soil | 599803     | 7002984    | 07V      | 0.7 | 51.2  | 7.2  | 16  | 0.05 | 57.2  | 13.9 |
| BRW108572 | Soil | 599762     | 7002952    | 07V      | 0.5 | 44    | 4.7  | 19  | 0.05 | 37.6  | 16.4 |
| BRW108573 | Soil | 599725     | 7002921    | 07V      | 0.1 | 33    | 2.6  | 8   | 0.05 | 18.6  | 7    |
| BRW108574 | Soil | 599686     | 7002893    | 07V      | 0.6 | 29.3  | 4.3  | 22  | 0.05 | 25.7  | 21.2 |
| BRW108576 | Soil | 599609     | 7002830    | 07V      | 1.3 | 32.1  | 16.4 | 64  | 0.05 | 29.5  | 12.8 |
| BRW108577 | Soil | 599566     | 7002799    | 07V      | 1.2 | 35.5  | 10.3 | 42  | 0.05 | 35.8  | 13.6 |
| BRW108622 | Soil | 599527     | 7002768    | 07V      | 0.9 | 34.4  | 9    | 44  | 0.05 | 29.7  | 10.2 |
| BRW108632 | Soil | 599134     | 7002458    | 07V      | 0.6 | 126   | 2.3  | 93  | 0.05 | 37.2  | 38.8 |
| BRW108635 | Soil | 599055     | 7002397    | 07V      | 0.1 | 133.9 | 1.3  | 14  | 0.05 | 15.4  | 10.3 |
| BRW108636 | Soil | 599016     | 7002368    | 07V      | 0.2 | 241.8 | 3.1  | 54  | 0.05 | 60.6  | 18.4 |
| BRW108637 | Soil | 598978     | 7002335    | 07V      | 0.2 | 89.2  | 0.8  | 41  | 0.05 | 437.9 | 37.3 |
| BRW108775 | Soil | 599138     | 7002209    | 07V      | 0.4 | 63.5  | 3.2  | 31  | 0.05 | 89    | 14.5 |
| BRW108776 | Soil | 599176     | 7002241    | 07V      | 0.4 | 73.1  | 12   | 84  | 0.05 | 25.9  | 21.7 |
| BRW108778 | Soil | 599257     | 7002300    | 07V      | 0.2 | 103.3 | 2.7  | 29  | 0.1  | 19    | 8.8  |
| BRW108784 | Soil | 599496     | 7002485    | 07V      | 1.8 | 36.3  | 6.4  | 85  | 0.05 | 42.6  | 19.6 |
| BRW108787 | Soil | 599614     | 7002576    | 07V      | 2   | 52.6  | 12   | 120 | 0.1  | 44.9  | 13.2 |
| BRW108795 | Soil | 599928     | 7002819    | 07V      | 0.5 | 55.7  | 7.3  | 35  | 0.05 | 45.6  | 15.4 |
| BRW108797 | Soil | 600008     | 7002883    | 07V      | 0.7 | 35.7  | 6.8  | 37  | 0.05 | 34.6  | 11.7 |
| BRW108798 | Soil | 600046     | 7002913    | 07V      | 0.5 | 22    | 7.8  | 31  | 0.05 | 23.2  | 8.7  |
| BRW108800 | Soil | 600124     | 7002976    | 07V      | 0.4 | 40.7  | 5.1  | 36  | 0.05 | 46.2  | 27.4 |
| BRW108800 | REP  | 600124     | 7002976    | 07V      | 0.4 | 38.9  | 5    | 36  | 0.05 | 43.9  | 27.2 |
| BRW108801 | Soil | 600164     | 7003008    | 07V      | 0.4 | 44.1  | 3.6  | 50  | 0.1  | 43.5  | 24.2 |
| BRW108807 | Soil | 599800     | 7001201    | 07V      | 0.8 | 66.3  | 7.8  | 74  | 0.05 | 36.3  | 18.3 |
| BRW108880 | Soil | 599840     | 7001228    | 07V      | 0.1 | 52.4  | 3    | 60  | 0.05 | 21    | 19   |
| BRW108881 | Soil | 599840     | 7001228    | 07V      | 0.2 | 79.3  | 4.6  | 68  | 0.05 | 28.4  | 21.8 |
| BRW108882 | Soil | 599881     | 7001260    | 07V      | 0.3 | 80    | 2.3  | 52  | 0.05 | 21.7  | 20.4 |
| BRW108883 | Soil | 599920     | 7001293    | 07V      | 0.2 | 22.8  | 1.9  | 23  | 0.05 | 83.4  | 13.4 |
| BRW108884 | Soil | 599959     | 7001323    | 07V      | 0.6 | 28.8  | 6.1  | 71  | 0.05 | 22.5  | 15.6 |
| BRW108885 | Soil | 599997     | 7001353    | 07V      | 0.9 | 57.1  | 3.4  | 62  | 0.05 | 26.9  | 17   |
| BRW108886 | Soil | 600038     | 7001384    | 07V      | 0.4 | 167.8 | 4    | 105 | 0.05 | 24.3  | 24.4 |
| BRW108887 | Soil | 600078     | 7001414    | 07V      | 0.2 | 43.6  | 0.7  | 51  | 0.05 | 4.9   | 24   |
| BRW108888 | Soil | 600117     | 7001446    | 07V      | 0.4 | 85.2  | 2.6  | 272 | 0.05 | 15    | 33.6 |
| BRW108889 | Soil | 600157     | 7001477    | 07V      | 1   | 17.4  | 4    | 55  | 0.05 | 5.3   | 12.1 |
| BRW108890 | Soil | 600198     | 7001504    | 07V      | 1.1 | 23.5  | 6.8  | 102 | 0.05 | 19.9  | 13.3 |
| BRW108891 | Soil | 600237     | 7001538    | 07V      | 1.3 | 42.8  | 4.5  | 40  | 0.05 | 24.2  | 15.3 |
| BRW108892 | Soil | 600276     | 7001567    | 07V      | 0.9 | 28.9  | 7.9  | 57  | 0.05 | 25.4  | 13.6 |
| BRW108893 | Soil | 600315     | 7001600    | 07V      | 0.5 | 46    | 4.4  | 69  | 0.05 | 31.8  | 19.9 |
| BRW108894 | Soil | 600354     | 7001629    | 07V      | 0.5 | 46.7  | 4.4  | 73  | 0.05 | 20.3  | 18.6 |
| BRW108895 | Soil | 600391     | 7001660    | 07V      | 0.6 | 38.5  | 8.5  | 60  | 0.1  | 26.7  | 11.9 |
| BRW113581 | Soil | 599076     | 7002288    | 07V      | 0.4 | 64    | 7.2  | 53  | 0.05 | 148.4 | 22.3 |
| BRW113582 | Soil | 599117     | 7002319    | 07V      | 0.8 | 121.4 | 6.9  | 62  | 0.05 | 39    | 25.8 |
| BRW113585 | Soil | 599235     | 7002411    | 07V      | 0.5 | 30.2  | 6    | 84  | 0.05 | 27.9  | 11.8 |
| BRW113587 | Soil | 599314     | 7002472    | 07V      | 0.7 | 29.2  | 7.5  | 57  | 0.05 | 14.9  | 11.9 |
| BRW113588 | Soil | 599356     | 7002502    | 07V      | 0.7 | 32    | 7.4  | 94  | 0.1  | 16.2  | 16.2 |
| BRW113589 | Soil | 599393     | 7002533    | 07V      | 1.2 | 35.4  | 5.2  | 53  | 0.05 | 23.8  | 14.3 |
| BRW113591 | Soil | 599469     | 7002593    | 07V      | 1   | 51.6  | 5.1  | 69  | 0.05 | 81.7  | 18.2 |
| BRW113593 | Soil | 599548     | 7002656    | 07V      | 1.8 | 32.7  | 13.1 | 73  | 0.05 | 24    | 8.7  |
| BRW113594 | Soil | 599587     | 7002688    | 07V      | 1.3 | 30.5  | 12.2 | 33  | 0.3  | 18.1  | 7.2  |
| BRW113594 | REP  | 599587     | 7002688    | 07V      | 1.3 | 29    | 12   | 33  | 0.2  | 18.1  | 7.1  |
| BRW113595 | Soil | 599631     | 7002719    | 07V      | 0.9 | 71.5  | 9.1  | 43  | 0.05 | 68    | 20.8 |
| BRW113596 | Soil | 599668     | 7002748    | 07V      | 0.9 | 31.4  | 6.3  | 56  | 0.05 | 33.7  | 20.9 |
| BRW113598 | Soil | 599746     | 7002810    | 07V      | 0.4 | 27.2  | 4.6  | 35  | 0.05 | 47.4  | 13   |
| BRW113601 | Soil | 599864     | 7002905    | 07V      | 0.5 | 37.5  | 4.4  | 32  | 0.05 | 52.6  | 17.3 |
| BRW113606 | Soil | 600062     | 7003055    | 07V      | 0.5 | 263.8 | 5    | 80  | 0.3  | 709.1 | 99.8 |
| BRW113608 | Soil | 600141     | 7003117    | 07V      | 0.8 | 50.3  | 6.2  | 31  | 0.05 | 66.7  | 20.7 |
| BRW113611 | Soil | 599740     | 7001280    | 07V      | 0.7 | 33.4  | 10.2 | 66  | 0.05 | 24.7  | 13.9 |
| BRW113612 | Soil | 599776     | 7001310    | 07V      | 0.4 | 62.7  | 5.3  | 77  | 0.05 | 27.9  | 16.4 |
| BRW113615 | Soil | 599893     | 7001402    | 07V      | 0.7 | 57.8  | 6    | 56  | 0.05 | 22.8  | 13.5 |
| BRW113615 | REP  | 599893     | 7001402    | 07V      | 0.6 | 57.2  | 6.5  | 56  | 0.05 | 24.2  | 13.7 |
| BRW113616 | Soil | 599934     | 7001433    | 07V      | 0.6 | 71.2  | 4.1  | 90  | 0.05 | 16.1  | 19.7 |
| BRW113618 | Soil | 600015     | 7001497    | 07V      | 0.3 | 68.7  | 2.5  | 69  | 0.05 | 3.4   | 17   |
| BRW113619 | Soil | 600055     | 7001526    | 07V      | 0.3 | 60    | 3.2  | 41  | 0.05 | 33.4  | 12.9 |

| SampleID  | Mn   | Fe   | As_  | U    | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr   | Mg   | Ba  |
|-----------|------|------|------|------|------|------|-----|------|------|------|-----|------|-------|-----|------|------|-----|
| BRW108570 | 296  | 2.27 | 1.5  | 0.4  | 0.25 | 1.1  | 34  | 0.05 | 0.05 | 0.05 | 63  | 1.24 | 0.217 | 6   | 55   | 1.63 | 82  |
| BRW108571 | 181  | 1.43 | 2.3  | 0.2  | 0.25 | 0.8  | 44  | 0.05 | 0.05 | 0.05 | 44  | 0.81 | 0.009 | 3   | 146  | 1.34 | 98  |
| BRW108572 | 119  | 1.86 | 4.6  | 0.2  | 0.25 | 0.7  | 33  | 0.05 | 0.1  | 0.05 | 49  | 0.62 | 0.028 | 2   | 45   | 0.75 | 196 |
| BRW108573 | 63   | 0.66 | 1.2  | 0.1  | 1.1  | 0.6  | 48  | 0.05 | 0.05 | 0.05 | 20  | 0.43 | 0.004 | 2   | 42   | 0.47 | 66  |
| BRW108574 | 165  | 1.94 | 3.8  | 0.6  | 1.4  | 2    | 39  | 0.05 | 0.2  | 0.05 | 49  | 0.63 | 0.015 | 9   | 19   | 0.84 | 126 |
| BRW108576 | 170  | 2.44 | 2.5  | 1.4  | 0.25 | 35.4 | 36  | 0.05 | 0.1  | 0.05 | 50  | 0.67 | 0.069 | 57  | 28   | 0.85 | 116 |
| BRW108577 | 225  | 2.76 | 4.1  | 0.4  | 0.25 | 3.3  | 27  | 0.05 | 0.3  | 0.05 | 74  | 0.49 | 0.026 | 9   | 44   | 0.96 | 150 |
| BRW108622 | 227  | 2.5  | 5.5  | 0.9  | 1.3  | 4.7  | 22  | 0.05 | 0.3  | 0.1  | 52  | 0.31 | 0.02  | 16  | 39   | 0.61 | 184 |
| BRW108632 | 452  | 4.26 | 2.7  | 0.3  | 0.25 | 1.1  | 69  | 0.2  | 0.2  | 0.05 | 138 | 1.32 | 0.199 | 6   | 46   | 1.33 | 203 |
| BRW108635 | 152  | 1.2  | 1.3  | 0.05 | 0.5  | 0.3  | 57  | 0.05 | 0.05 | 0.05 | 36  | 0.66 | 0.073 | 0.5 | 11   | 0.5  | 86  |
| BRW108636 | 310  | 2.26 | 2    | 0.2  | 0.25 | 0.6  | 143 | 0.05 | 0.1  | 0.05 | 59  | 1.11 | 0.135 | 2   | 86   | 1.41 | 132 |
| BRW108637 | 646  | 4.04 | 0.9  | 0.3  | 0.25 | 1.5  | 16  | 0.05 | 0.1  | 0.05 | 72  | 0.32 | 0.021 | 3   | 1453 | 5.27 | 60  |
| BRW108775 | 175  | 1.92 | 4    | 0.3  | 0.25 | 1.8  | 37  | 0.05 | 0.3  | 0.05 | 45  | 0.37 | 0.025 | 7   | 156  | 1.17 | 136 |
| BRW108776 | 500  | 3.5  | 6.9  | 0.2  | 0.25 | 0.8  | 83  | 0.6  | 2.3  | 0.05 | 114 | 1.08 | 0.054 | 3   | 41   | 1.7  | 142 |
| BRW108778 | 175  | 1.2  | 2.1  | 0.2  | 1    | 1    | 72  | 0.05 | 0.05 | 0.05 | 32  | 1.15 | 0.038 | 4   | 26   | 0.85 | 75  |
| BRW108784 | 602  | 4.25 | 4.9  | 1    | 0.5  | 7.8  | 55  | 0.05 | 0.2  | 0.05 | 94  | 0.81 | 0.069 | 22  | 114  | 1.48 | 280 |
| BRW108787 | 289  | 3.47 | 28.9 | 1.2  | 4    | 15.5 | 13  | 0.05 | 0.3  | 0.05 | 78  | 0.22 | 0.042 | 63  | 52   | 0.43 | 195 |
| BRW108795 | 232  | 2.27 | 3.8  | 0.7  | 0.25 | 8.3  | 32  | 0.05 | 0.3  | 0.05 | 57  | 0.58 | 0.042 | 16  | 54   | 0.77 | 128 |
| BRW108797 | 240  | 2.58 | 6.2  | 0.6  | 0.6  | 3.7  | 33  | 0.05 | 0.3  | 0.05 | 70  | 0.65 | 0.046 | 10  | 67   | 0.77 | 190 |
| BRW108798 | 167  | 1.9  | 3.8  | 0.5  | 0.25 | 2.8  | 29  | 0.05 | 0.3  | 0.05 | 47  | 0.5  | 0.046 | 9   | 36   | 0.61 | 127 |
| BRW108800 | 330  | 2.58 | 2.3  | 0.4  | 0.25 | 3.7  | 26  | 0.05 | 0.1  | 0.05 | 91  | 0.67 | 0.044 | 12  | 33   | 1.53 | 117 |
| BRW108800 | 318  | 2.56 | 2.5  | 0.4  | 0.25 | 3.7  | 26  | 0.05 | 0.1  | 0.05 | 88  | 0.71 | 0.045 | 12  | 32   | 1.47 | 116 |
| BRW108801 | 306  | 2.54 | 2    | 0.6  | 1.2  | 6.6  | 23  | 0.05 | 0.05 | 0.05 | 84  | 0.57 | 0.057 | 23  | 30   | 1.41 | 101 |
| BRW108807 | 635  | 3.91 | 6.2  | 0.5  | 2.3  | 2.8  | 70  | 0.1  | 0.4  | 0.05 | 107 | 1.22 | 0.051 | 11  | 61   | 1.32 | 195 |
| BRW108880 | 581  | 3.31 | 1    | 0.4  | 0.5  | 1.9  | 114 | 0.05 | 0.3  | 0.05 | 88  | 1.32 | 0.069 | 7   | 22   | 1.52 | 58  |
| BRW108881 | 624  | 4.16 | 1.8  | 0.4  | 0.25 | 1.6  | 108 | 0.05 | 0.2  | 0.05 | 122 | 1.67 | 0.088 | 8   | 32   | 1.83 | 94  |
| BRW108882 | 438  | 3.17 | 2.1  | 0.3  | 0.25 | 1    | 70  | 0.05 | 0.1  | 0.05 | 93  | 0.98 | 0.079 | 4   | 18   | 1.43 | 126 |
| BRW108883 | 147  | 1.32 | 1.3  | 0.3  | 0.5  | 1.8  | 39  | 0.05 | 0.05 | 0.05 | 29  | 0.28 | 0.03  | 6   | 268  | 1.18 | 173 |
| BRW108884 | 452  | 3.63 | 5    | 0.4  | 0.25 | 2.2  | 58  | 0.05 | 0.2  | 0.05 | 91  | 0.85 | 0.07  | 7   | 39   | 1.17 | 188 |
| BRW108885 | 383  | 3.92 | 2.9  | 0.6  | 0.25 | 2.9  | 105 | 0.05 | 0.1  | 0.05 | 135 | 0.75 | 0.074 | 9   | 47   | 1.12 | 458 |
| BRW108886 | 609  | 5.16 | 1.8  | 0.5  | 0.25 | 3    | 94  | 0.1  | 0.05 | 0.05 | 134 | 1.62 | 0.258 | 14  | 41   | 1.45 | 212 |
| BRW108887 | 374  | 7.13 | 0.8  | 0.3  | 0.25 | 0.5  | 127 | 0.05 | 0.05 | 0.05 | 219 | 2.88 | 1.074 | 4   | 5    | 0.91 | 129 |
| BRW108888 | 572  | 4.73 | 1.8  | 0.2  | 0.25 | 1    | 59  | 0.2  | 0.05 | 0.05 | 139 | 0.91 | 0.195 | 3   | 20   | 1.45 | 270 |
| BRW108889 | 622  | 4.78 | 2.9  | 0.3  | 0.25 | 1.7  | 23  | 0.05 | 0.2  | 0.05 | 51  | 0.34 | 0.07  | 6   | 9    | 0.76 | 196 |
| BRW108890 | 856  | 4.91 | 44.2 | 0.9  | 0.7  | 10.7 | 22  | 0.1  | 0.3  | 0.05 | 40  | 0.52 | 0.09  | 22  | 86   | 0.86 | 477 |
| BRW108891 | 287  | 2.52 | 14.6 | 0.3  | 1.1  | 1.3  | 38  | 0.1  | 0.2  | 0.05 | 60  | 0.63 | 0.052 | 4   | 52   | 0.93 | 244 |
| BRW108892 | 318  | 3.18 | 12   | 0.6  | 0.8  | 3.9  | 30  | 0.05 | 0.4  | 0.05 | 73  | 0.64 | 0.043 | 11  | 69   | 0.97 | 288 |
| BRW108893 | 586  | 3.84 | 7    | 0.6  | 4    | 5.5  | 57  | 0.05 | 0.3  | 0.05 | 72  | 0.72 | 0.1   | 14  | 62   | 1.29 | 395 |
| BRW108894 | 431  | 4.01 | 6.4  | 0.3  | 0.25 | 3.4  | 33  | 0.05 | 0.05 | 0.05 | 80  | 0.83 | 0.123 | 7   | 60   | 1.36 | 359 |
| BRW108895 | 393  | 2.83 | 12   | 0.9  | 2.1  | 3.4  | 46  | 0.3  | 0.7  | 0.1  | 70  | 0.87 | 0.084 | 13  | 33   | 0.63 | 291 |
| BRW113581 | 310  | 2.52 | 1.7  | 0.4  | 0.25 | 1.6  | 121 | 0.05 | 0.9  | 0.05 | 56  | 1.38 | 0.044 | 5   | 250  | 2.3  | 101 |
| BRW113582 | 525  | 4.49 | 2.5  | 0.6  | 2.2  | 3.4  | 99  | 0.05 | 0.2  | 0.05 | 117 | 1.79 | 0.048 | 8   | 41   | 1.67 | 320 |
| BRW113585 | 333  | 3.12 | 3    | 0.8  | 0.25 | 9.1  | 72  | 0.1  | 0.2  | 0.05 | 72  | 0.74 | 0.074 | 24  | 62   | 0.97 | 228 |
| BRW113587 | 272  | 3.55 | 4.7  | 0.4  | 1.8  | 2.3  | 52  | 0.05 | 0.3  | 0.05 | 88  | 0.87 | 0.22  | 9   | 26   | 0.67 | 147 |
| BRW113588 | 608  | 4.13 | 2.6  | 0.5  | 0.25 | 1.8  | 96  | 0.2  | 0.2  | 0.05 | 113 | 1.63 | 0.255 | 7   | 27   | 0.93 | 175 |
| BRW113589 | 449  | 2.74 | 6.1  | 1.1  | 0.25 | 3.3  | 74  | 0.05 | 0.4  | 0.05 | 59  | 1.33 | 0.062 | 13  | 55   | 0.87 | 246 |
| BRW113591 | 419  | 3    | 2.6  | 0.8  | 1    | 5.9  | 29  | 0.05 | 0.05 | 0.05 | 65  | 0.75 | 0.085 | 20  | 94   | 1.33 | 222 |
| BRW113593 | 359  | 3.28 | 15.4 | 1.9  | 3    | 26   | 24  | 0.05 | 0.5  | 0.2  | 50  | 0.33 | 0.03  | 113 | 34   | 0.42 | 300 |
| BRW113594 | 167  | 2.13 | 15.8 | 0.7  | 2.1  | 5.3  | 21  | 0.05 | 0.3  | 0.2  | 49  | 0.24 | 0.021 | 15  | 27   | 0.4  | 190 |
| BRW113594 | 163  | 2.08 | 15.4 | 0.6  | 2.5  | 5.2  | 22  | 0.05 | 0.3  | 0.2  | 48  | 0.23 | 0.021 | 15  | 27   | 0.4  | 190 |
| BRW113595 | 281  | 2.9  | 5    | 0.7  | 2.1  | 4    | 19  | 0.05 | 0.3  | 0.05 | 97  | 0.48 | 0.022 | 14  | 59   | 1.24 | 145 |
| BRW113596 | 241  | 3.43 | 3.4  | 0.4  | 0.25 | 3.7  | 22  | 0.05 | 0.1  | 0.05 | 164 | 0.32 | 0.033 | 5   | 48   | 1.49 | 202 |
| BRW113598 | 205  | 1.96 | 4.6  | 0.4  | 0.8  | 2.7  | 32  | 0.05 | 0.3  | 0.05 | 40  | 0.36 | 0.007 | 9   | 39   | 0.94 | 158 |
| BRW113601 | 371  | 2.24 | 3.7  | 0.5  | 0.7  | 2.4  | 37  | 0.05 | 0.3  | 0.05 | 49  | 0.48 | 0.009 | 8   | 85   | 1.37 | 137 |
| BRW113606 | 1024 | 6.72 | 5    | 0.4  | 9.5  | 2.3  | 29  | 0.05 | 0.3  | 0.05 | 43  | 0.66 | 0.04  | 7   | 57   | 3.08 | 195 |
| BRW113608 | 271  | 2.44 | 4.1  | 0.3  | 0.25 | 2.5  | 23  | 0.05 | 0.2  | 0.05 | 49  | 0.46 | 0.041 | 5   | 32   | 0.92 | 103 |
| BRW113611 | 396  | 3.34 | 4    | 0.3  | 1.5  | 2.3  | 45  | 0.05 | 0.3  | 0.05 | 82  | 0.7  | 0.029 | 8   | 34   | 0.9  | 229 |
| BRW113612 | 509  | 3.72 | 5.4  | 0.5  | 0.25 | 2    | 85  | 0.05 | 0.2  | 0.05 | 105 | 1.56 | 0.065 | 10  | 37   | 1.35 | 187 |
| BRW113615 | 390  | 3.22 | 4.3  | 0.3  | 0.25 | 1.9  | 68  | 0.05 | 0.2  | 0.05 | 94  | 0.84 | 0.098 | 6   | 34   | 1.08 | 210 |
| BRW113615 | 405  | 3.3  | 4.6  | 0.3  | 0.8  | 1.9  | 68  | 0.05 | 0.2  | 0.05 | 96  | 0.88 | 0.101 | 7   | 35   | 1.11 | 213 |
| BRW113616 | 577  | 4.76 | 3.2  | 0.5  | 0.25 | 2.9  | 70  | 0.1  | 0.1  | 0.05 | 119 | 1.52 | 0.289 | 9   | 25   | 1.2  | 187 |
| BRW113618 | 274  | 7.5  | 3    | 0.4  | 0.25 | 0.9  | 388 | 0.05 | 0.1  | 0.05 | 219 | 5.61 | 2.338 | 7   | 6    | 1.35 | 205 |
| BRW113619 | 482  | 2.25 | 1.4  | 0.1  | 0.25 | 0.9  | 91  | 0.05 | 0.05 | 0.05 | 68  | 0.91 | 0.118 | 4   | 79   | 1    | 207 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW108570 | 0.144 | 0.5 | 2.63 | 0.028 | 0.16 | 0.05 | 0.005 | 4.2  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW108571 | 0.074 | 0.5 | 2.44 | 0.021 | 0.03 | 0.05 | 0.005 | 5.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW108572 | 0.072 | 0.5 | 2.93 | 0.02  | 0.04 | 0.05 | 0.005 | 2.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW108573 | 0.038 | 0.5 | 1.21 | 0.02  | 0.02 | 0.05 | 0.005 | 2.2  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000137 |
| BRW108574 | 0.061 | 0.5 | 2.47 | 0.024 | 0.03 | 0.05 | 0.01  | 4.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW108576 | 0.145 | 0.5 | 2.41 | 0.025 | 0.15 | 0.05 | 0.005 | 4    | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW108577 | 0.108 | 0.5 | 2.07 | 0.024 | 0.07 | 0.05 | 0.02  | 4.3  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW108622 | 0.073 | 1   | 1.5  | 0.018 | 0.08 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW108632 | 0.167 | 0.5 | 2.35 | 0.073 | 0.13 | 0.05 | 0.005 | 7.1  | 0.05 | 0.025 | 7  | 0.7  | 1DX15  | WHI10000137 |
| BRW108635 | 0.053 | 1   | 1.25 | 0.045 | 0.04 | 0.05 | 0.005 | 2.3  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000137 |
| BRW108636 | 0.104 | 2   | 2.04 | 0.049 | 0.04 | 0.05 | 0.005 | 4.9  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW108637 | 0.09  | 1   | 2.88 | 0.004 | 0.02 | 0.05 | 0.01  | 8    | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW108775 | 0.091 | 1   | 1.63 | 0.018 | 0.05 | 0.05 | 0.01  | 2.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW108776 | 0.221 | 2   | 3.09 | 0.063 | 0.1  | 0.05 | 0.01  | 6.4  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW108778 | 0.032 | 0.5 | 2.19 | 0.03  | 0.04 | 0.05 | 0.01  | 5.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW108784 | 0.122 | 1   | 2.56 | 0.013 | 0.24 | 0.1  | 0.02  | 7.8  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW108787 | 0.037 | 2   | 1.3  | 0.007 | 0.24 | 0.05 | 0.01  | 6.1  | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000137 |
| BRW108795 | 0.086 | 2   | 2.16 | 0.033 | 0.05 | 0.05 | 0.005 | 6.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW108797 | 0.094 | 1   | 2.18 | 0.039 | 0.04 | 0.1  | 0.01  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW108798 | 0.083 | 0.5 | 1.56 | 0.032 | 0.04 | 0.1  | 0.02  | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW108800 | 0.112 | 1   | 2.22 | 0.018 | 0.09 | 0.1  | 0.005 | 5.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW108800 | 0.115 | 0.5 | 2.17 | 0.019 | 0.08 | 0.05 | 0.02  | 5.5  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW108801 | 0.114 | 1   | 1.92 | 0.012 | 0.16 | 0.05 | 0.02  | 5.5  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW108807 | 0.173 | 2   | 2.92 | 0.05  | 0.09 | 0.05 | 0.03  | 9    | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW108880 | 0.182 | 2   | 2.76 | 0.032 | 0.05 | 0.05 | 0.005 | 6.3  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW108881 | 0.247 | 3   | 3.19 | 0.068 | 0.09 | 0.05 | 0.005 | 9.2  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000137 |
| BRW108882 | 0.155 | 1   | 2.52 | 0.045 | 0.06 | 0.05 | 0.005 | 6.5  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW108883 | 0.08  | 0.5 | 1.18 | 0.012 | 0.17 | 0.05 | 0.005 | 2.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW108884 | 0.176 | 1   | 3.06 | 0.039 | 0.13 | 0.05 | 0.01  | 5.7  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW108885 | 0.168 | 0.5 | 2.32 | 0.044 | 0.32 | 0.05 | 0.005 | 7.1  | 0.05 | 0.025 | 8  | 0.7  | 1DX15  | WHI10000137 |
| BRW108886 | 0.148 | 0.5 | 2.57 | 0.12  | 0.26 | 0.05 | 0.005 | 12.2 | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW108887 | 0.041 | 0.5 | 1.3  | 0.093 | 0.07 | 0.05 | 0.005 | 12.4 | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW108888 | 0.156 | 0.5 | 2.35 | 0.085 | 0.52 | 0.05 | 0.005 | 8.8  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW108889 | 0.013 | 0.5 | 1.84 | 0.013 | 0.06 | 0.05 | 0.005 | 9    | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000137 |
| BRW108890 | 0.041 | 0.5 | 2    | 0.013 | 0.22 | 0.05 | 0.02  | 9.7  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000137 |
| BRW108891 | 0.064 | 1   | 1.84 | 0.026 | 0.06 | 0.05 | 0.01  | 4.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW108892 | 0.106 | 0.5 | 2.17 | 0.023 | 0.07 | 0.05 | 0.01  | 4.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW108893 | 0.209 | 0.5 | 2.5  | 0.028 | 0.71 | 0.05 | 0.02  | 4.7  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW108894 | 0.218 | 0.5 | 2.81 | 0.022 | 0.7  | 0.05 | 0.005 | 3.9  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW108895 | 0.082 | 2   | 1.35 | 0.035 | 0.06 | 0.2  | 0.03  | 4.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW113581 | 0.164 | 1   | 3.11 | 0.035 | 0.06 | 0.05 | 0.005 | 5.4  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW113582 | 0.211 | 1   | 5.16 | 0.034 | 0.05 | 0.05 | 0.005 | 7.1  | 0.05 | 0.025 | 13 | 0.25 | 1DX15  | WHI10000137 |
| BRW113585 | 0.141 | 0.5 | 2.06 | 0.033 | 0.12 | 0.05 | 0.005 | 5.5  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW113587 | 0.112 | 0.5 | 1.92 | 0.047 | 0.06 | 0.05 | 0.005 | 5.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW113588 | 0.135 | 1   | 3.08 | 0.049 | 0.08 | 0.05 | 0.005 | 7.7  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000137 |
| BRW113589 | 0.093 | 1   | 1.77 | 0.029 | 0.08 | 0.05 | 0.05  | 5.7  | 0.05 | 0.07  | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113591 | 0.118 | 0.5 | 1.96 | 0.023 | 0.15 | 0.05 | 0.01  | 5.2  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW113593 | 0.049 | 1   | 1.54 | 0.013 | 0.1  | 0.05 | 0.03  | 6.9  | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000137 |
| BRW113594 | 0.054 | 0.5 | 1.15 | 0.021 | 0.08 | 0.05 | 0.02  | 3.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW113594 | 0.046 | 1   | 1.14 | 0.016 | 0.07 | 0.05 | 0.02  | 3.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW113595 | 0.113 | 0.5 | 1.96 | 0.027 | 0.16 | 0.05 | 0.02  | 5.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113596 | 0.27  | 0.5 | 2.65 | 0.015 | 0.77 | 0.05 | 0.005 | 7    | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000137 |
| BRW113598 | 0.063 | 0.5 | 2.51 | 0.027 | 0.03 | 0.05 | 0.01  | 3.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113601 | 0.072 | 1   | 2.53 | 0.03  | 0.03 | 0.05 | 0.01  | 4.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113606 | 0.052 | 6   | 1.26 | 0.035 | 0.03 | 0.05 | 0.03  | 3.6  | 0.1  | 0.025 | 3  | 0.7  | 1DX15  | WHI10000137 |
| BRW113608 | 0.086 | 0.5 | 1.81 | 0.026 | 0.06 | 0.05 | 0.005 | 2.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113611 | 0.175 | 1   | 2.44 | 0.02  | 0.25 | 0.05 | 0.005 | 4.7  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW113612 | 0.205 | 2   | 3.69 | 0.029 | 0.21 | 0.05 | 0.005 | 5.9  | 0.05 | 0.025 | 12 | 0.25 | 1DX15  | WHI10000137 |
| BRW113615 | 0.136 | 1   | 2.14 | 0.041 | 0.17 | 0.05 | 0.005 | 4.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW113615 | 0.138 | 2   | 2.21 | 0.045 | 0.17 | 0.05 | 0.005 | 4.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW113616 | 0.139 | 2   | 2.24 | 0.087 | 0.19 | 0.05 | 0.005 | 9.8  | 0.05 | 0.025 | 8  | 0.7  | 1DX15  | WHI10000137 |
| BRW113618 | 0.05  | 1   | 1.84 | 0.099 | 0.44 | 0.05 | 0.005 | 11.7 | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000137 |
| BRW113619 | 0.062 | 0.5 | 1.7  | 0.059 | 0.05 | 0.05 | 0.005 | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|------|------|-----|------|-------|------|
| BRW113695 | Soil | 600723     | 7004083    | 07V      | 0.5  | 45.3 | 21.3 | 82  | 0.05 | 25.1  | 8.3  |
| BRW113697 | Soil | 600646     | 7004021    | 07V      | 0.3  | 15.1 | 5.3  | 74  | 0.05 | 17.1  | 14.3 |
| BRW113700 | Soil | 600526     | 7003928    | 07V      | 1.3  | 49   | 16.5 | 61  | 0.05 | 26.4  | 9.9  |
| BRW113702 | Soil | 600447     | 7003867    | 07V      | 1    | 49.4 | 13.5 | 134 | 0.05 | 47.7  | 10.6 |
| BRW113716 | Soil | 599934     | 7003468    | 07V      | 1    | 25   | 9    | 65  | 0.05 | 26.9  | 11.8 |
| BRW113717 | Soil | 599895     | 7003435    | 07V      | 0.4  | 40.8 | 13.2 | 69  | 0.1  | 31    | 10.9 |
| BRW113720 | Soil | 599778     | 7003343    | 07V      | 0.4  | 62.8 | 8.6  | 25  | 0.05 | 50.7  | 17.9 |
| BRW113721 | Soil | 599502     | 7003126    | 07V      | 0.9  | 19.8 | 5.9  | 30  | 0.05 | 23    | 13.8 |
| BRW113722 | Soil | 599462     | 7003094    | 07V      | 0.3  | 65   | 3.4  | 28  | 0.05 | 35.1  | 26.6 |
| BRW113723 | Soil | 599423     | 7003064    | 07V      | 0.7  | 46.5 | 4.9  | 56  | 0.05 | 28    | 18.6 |
| BRW113723 | REP  | 599423     | 7003064    | 07V      | 0.7  | 44.9 | 4.8  | 58  | 0.05 | 27.4  | 18.1 |
| BRW113724 | Soil | 599382     | 7003033    | 07V      | 0.5  | 78   | 8.5  | 45  | 0.05 | 127.3 | 29.7 |
| BRW113725 | Soil | 599342     | 7003002    | 07V      | 2    | 94.4 | 4.7  | 80  | 0.05 | 36.8  | 15.7 |
| BRW113726 | Soil | 599303     | 7002972    | 07V      | 3.1  | 17.6 | 14.4 | 122 | 0.2  | 13.6  | 4.6  |
| BRW113728 | Soil | 599225     | 7002910    | 07V      | 1.8  | 17.4 | 10.5 | 68  | 0.2  | 18.3  | 6.7  |
| BRW113730 | Soil | 599151     | 7002845    | 07V      | 2.1  | 32   | 14.2 | 65  | 0.05 | 31.3  | 12.1 |
| BRW113730 | REP  | 599151     | 7002845    | 07V      | 2.2  | 33.7 | 14.1 | 68  | 0.05 | 31.3  | 12.3 |
| BRW113802 | Soil | 599090     | 7002678    | 07V      | 1.5  | 54.7 | 6.8  | 78  | 0.05 | 35.4  | 19.6 |
| BRW113803 | Soil | 599052     | 7002648    | 07V      | 0.8  | 36.2 | 6.2  | 67  | 0.05 | 25.4  | 13.3 |
| BRW113804 | Soil | 599012     | 7002614    | 07V      | 0.5  | 48.9 | 6.4  | 45  | 0.05 | 34.3  | 11   |
| BRW113826 | Soil | 599779     | 7002200    | 07V      | 0.7  | 33.4 | 7.3  | 75  | 0.05 | 26.4  | 13.4 |
| BRW113838 | Soil | 600254     | 7002570    | 07V      | 0.05 | 27.3 | 1.3  | 13  | 0.05 | 32.6  | 8.6  |
| BRW113839 | Soil | 600291     | 7002600    | 07V      | 0.1  | 63.9 | 1.8  | 15  | 0.05 | 50.4  | 12.3 |
| BRW113840 | Soil | 600333     | 7002632    | 07V      | 0.5  | 57.1 | 5.5  | 36  | 0.05 | 38    | 11.3 |
| BRW113841 | Soil | 600370     | 7002661    | 07V      | 0.2  | 49.8 | 4.4  | 71  | 0.05 | 42.2  | 17.4 |
| BRW113842 | Soil | 600410     | 7002694    | 07V      | 0.3  | 29.9 | 7.3  | 41  | 0.05 | 23.9  | 13.2 |
| BRW113843 | Soil | 600447     | 7002723    | 07V      | 1    | 44.3 | 8.3  | 126 | 0.05 | 33.5  | 25.3 |
| BRW113844 | Soil | 600488     | 7002757    | 07V      | 1.6  | 55.8 | 11.3 | 128 | 0.05 | 52.3  | 18.3 |
| BRW113845 | Soil | 600528     | 7002786    | 07V      | 1.3  | 47.2 | 15.3 | 108 | 0.05 | 36.8  | 14.5 |
| BRW113915 | Soil | 599947     | 7002714    | 07V      | 0.7  | 32.6 | 8.5  | 61  | 0.1  | 27.4  | 11.8 |
| BRW113916 | Soil | 599990     | 7002744    | 07V      | 0.8  | 32.2 | 8.2  | 54  | 0.1  | 28.6  | 17   |
| BRW113919 | Soil | 600146     | 7002869    | 07V      | 0.1  | 26.2 | 1.4  | 16  | 0.05 | 25.7  | 14.4 |
| BRW113922 | Soil | 600264     | 7002961    | 07V      | 0.4  | 33.2 | 5.4  | 36  | 0.05 | 34.4  | 16.7 |
| BRW113924 | Soil | 600342     | 7003023    | 07V      | 1.9  | 32.8 | 17   | 119 | 0.05 | 43.8  | 16.7 |
| BRW113927 | Soil | 600400     | 7003192    | 07V      | 2.5  | 29.7 | 6.2  | 51  | 0.1  | 20    | 15.6 |
| BRW113928 | Soil | 600439     | 7003226    | 07V      | 1.2  | 20.2 | 4.3  | 58  | 0.05 | 9.1   | 22.1 |
| BRW113930 | Soil | 600519     | 7003287    | 07V      | 3.7  | 31.4 | 39.8 | 58  | 0.2  | 32.3  | 11.2 |
| BRW114091 | Soil | 600308     | 7002741    | 07V      | 0.5  | 27.2 | 6    | 23  | 0.05 | 40.5  | 9.3  |
| BRW114109 | Soil | 600023     | 7001883    | 07V      | 0.6  | 50.7 | 6.5  | 36  | 0.4  | 34.5  | 17.2 |
| BRW114110 | Soil | 600065     | 7001914    | 07V      | 0.6  | 15.3 | 3.4  | 39  | 0.05 | 26.9  | 13.6 |
| BRW114111 | Soil | 600104     | 7001946    | 07V      | 0.8  | 35.2 | 5.6  | 62  | 0.05 | 27.3  | 16   |
| BRW114112 | Soil | 600145     | 7001976    | 07V      | 0.7  | 16.6 | 9.7  | 93  | 0.05 | 22.6  | 20.9 |
| BRW114113 | Soil | 600182     | 7002008    | 07V      | 0.7  | 13.1 | 15.9 | 62  | 0.05 | 28.4  | 8.4  |
| BRW114114 | Soil | 600221     | 7002038    | 07V      | 1.6  | 33.8 | 14.5 | 108 | 0.1  | 34.9  | 9    |
| BRW114115 | Soil | 600260     | 7002070    | 07V      | 1.4  | 22.6 | 18.5 | 70  | 0.05 | 23.7  | 8.1  |
| BRW114115 | REP  | 600260     | 7002070    | 07V      | 1.5  | 23   | 19.2 | 71  | 0.05 | 24.6  | 8.2  |
| BRW114116 | Soil | 600301     | 7002100    | 07V      | 1.5  | 40.1 | 15   | 119 | 0.05 | 48.2  | 13.5 |
| BRW114117 | Soil | 600341     | 7002133    | 07V      | 1.9  | 21.3 | 17   | 67  | 0.2  | 22.7  | 8    |
| BRW114118 | Soil | 600379     | 7002162    | 07V      | 1.6  | 26.6 | 14.2 | 64  | 0.1  | 25.1  | 9.8  |
| BRW114119 | Soil | 600420     | 7002192    | 07V      | 1.7  | 67.7 | 15.3 | 223 | 0.1  | 39.6  | 20.3 |
| BRW114120 | Soil | 600459     | 7002225    | 07V      | 0.3  | 49.1 | 3.1  | 31  | 0.05 | 29    | 22.9 |
| BRW114121 | Soil | 600498     | 7002255    | 07V      | 0.3  | 41.7 | 3.8  | 29  | 0.05 | 41    | 14.2 |
| BRW114122 | Soil | 600536     | 7002287    | 07V      | 1.1  | 29.5 | 8.2  | 50  | 0.1  | 30.5  | 12   |
| BRW114123 | Soil | 600577     | 7002316    | 07V      | 0.9  | 35.6 | 10   | 49  | 0.1  | 32.4  | 12.2 |
| BRW114124 | Soil | 600616     | 7002346    | 07V      | 1.1  | 52.1 | 7.9  | 44  | 0.05 | 43.5  | 15.6 |
| BRW114124 | REP  | 600616     | 7002346    | 07V      | 1.1  | 52.9 | 7.9  | 45  | 0.05 | 42.7  | 15.5 |
| BRW114125 | Soil | 600658     | 7002377    | 07V      | 0.6  | 56.7 | 10   | 63  | 0.05 | 54.3  | 16   |
| BRW114126 | Soil | 600695     | 7002410    | 07V      | 1    | 32.8 | 9    | 48  | 0.05 | 27.9  | 15.1 |
| BRW114127 | Soil | 600734     | 7002441    | 07V      | 0.6  | 44.3 | 4.7  | 40  | 0.05 | 46.3  | 19   |
| BRW114129 | Soil | 600774     | 7002469    | 07V      | 0.6  | 46.1 | 8.3  | 52  | 0.05 | 39.5  | 16.9 |
| BRW114130 | Soil | 600774     | 7002469    | 07V      | 0.5  | 49.2 | 7.4  | 52  | 0.05 | 37.8  | 17.7 |
| BRW114154 | Soil | 599935     | 7003211    | 07V      | 0.6  | 21.1 | 5.7  | 38  | 0.05 | 26.6  | 11.7 |
| BRW114155 | Soil | 599896     | 7003181    | 07V      | 0.4  | 63.2 | 6.5  | 29  | 0.05 | 63.3  | 20.3 |

| SampleID  | Mn  | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca    | P     | La | Cr  | Mg   | Ba  |
|-----------|-----|------|------|-----|------|------|-----|------|------|------|-----|-------|-------|----|-----|------|-----|
| BRW113695 | 451 | 3.27 | 12.7 | 2.5 | 2.4  | 16.4 | 15  | 0.05 | 0.3  | 0.2  | 42  | 0.29  | 0.064 | 36 | 39  | 1.29 | 271 |
| BRW113697 | 539 | 3.82 | 5    | 0.8 | 1.4  | 7.4  | 18  | 0.05 | 0.6  | 0.05 | 71  | 0.38  | 0.055 | 22 | 65  | 1.48 | 337 |
| BRW113700 | 295 | 2.92 | 17   | 3.1 | 0.8  | 6.4  | 33  | 0.1  | 1    | 0.2  | 67  | 0.28  | 0.026 | 22 | 40  | 0.54 | 372 |
| BRW113702 | 214 | 4.02 | 6.3  | 1.3 | 0.7  | 8.7  | 17  | 0.05 | 0.3  | 0.1  | 77  | 0.27  | 0.055 | 23 | 68  | 1.27 | 265 |
| BRW113716 | 403 | 2.94 | 11.3 | 1   | 1    | 6.6  | 26  | 0.1  | 0.3  | 0.05 | 58  | 0.84  | 0.059 | 17 | 36  | 0.96 | 204 |
| BRW113717 | 520 | 2.45 | 37.8 | 0.8 | 3.9  | 3.6  | 32  | 0.3  | 0.9  | 0.1  | 51  | 1.36  | 0.071 | 25 | 31  | 0.63 | 250 |
| BRW113720 | 175 | 1.84 | 3.9  | 0.5 | 1.5  | 2.7  | 39  | 0.05 | 0.2  | 0.05 | 61  | 0.44  | 0.026 | 10 | 41  | 0.72 | 96  |
| BRW113721 | 165 | 1.96 | 3.6  | 0.4 | 0.8  | 3.1  | 28  | 0.05 | 0.2  | 0.1  | 61  | 0.41  | 0.016 | 9  | 33  | 0.69 | 131 |
| BRW113722 | 277 | 2.22 | 2    | 0.4 | 1.3  | 3.2  | 26  | 0.05 | 0.1  | 0.05 | 62  | 0.56  | 0.052 | 13 | 46  | 1.47 | 100 |
| BRW113723 | 339 | 4.03 | 2    | 0.6 | 0.25 | 5.6  | 31  | 0.05 | 0.2  | 0.1  | 139 | 0.6   | 0.097 | 24 | 39  | 1.36 | 193 |
| BRW113723 | 346 | 4.04 | 1.9  | 0.6 | 1.1  | 5.7  | 30  | 0.05 | 0.1  | 0.05 | 138 | 0.61  | 0.1   | 24 | 39  | 1.28 | 205 |
| BRW113724 | 411 | 2.64 | 4.5  | 0.9 | 1.8  | 16.2 | 40  | 0.05 | 0.05 | 0.05 | 30  | 1.05  | 0.063 | 30 | 50  | 1.31 | 109 |
| BRW113725 | 401 | 4.31 | 3    | 0.6 | 0.25 | 2.7  | 13  | 0.05 | 0.2  | 0.05 | 129 | 0.28  | 0.059 | 6  | 63  | 1.23 | 184 |
| BRW113726 | 318 | 3.57 | 6.8  | 1.6 | 1.7  | 23.5 | 14  | 0.1  | 0.3  | 0.2  | 32  | 0.2   | 0.066 | 80 | 18  | 0.19 | 145 |
| BRW113728 | 378 | 2.49 | 7.3  | 0.7 | 0.6  | 11   | 22  | 0.2  | 0.4  | 0.1  | 48  | 0.32  | 0.044 | 49 | 27  | 0.32 | 188 |
| BRW113730 | 377 | 2.85 | 28.1 | 0.6 | 1.1  | 4.7  | 57  | 0.2  | 0.9  | 0.1  | 67  | 0.61  | 0.053 | 10 | 53  | 0.76 | 243 |
| BRW113730 | 383 | 2.96 | 29   | 0.7 | 0.6  | 4.7  | 59  | 0.2  | 1    | 0.1  | 69  | 0.65  | 0.055 | 10 | 54  | 0.77 | 243 |
| BRW113802 | 477 | 3.71 | 5.6  | 0.6 | 4.2  | 3    | 56  | 0.1  | 0.3  | 0.1  | 132 | 0.93  | 0.096 | 11 | 55  | 1    | 263 |
| BRW113803 | 329 | 3.35 | 4.7  | 0.5 | 0.25 | 3.5  | 62  | 0.1  | 0.3  | 0.05 | 103 | 0.79  | 0.08  | 11 | 55  | 1.08 | 252 |
| BRW113804 | 231 | 2.38 | 4.1  | 0.6 | 0.8  | 2.4  | 53  | 0.05 | 0.2  | 0.05 | 66  | 0.66  | 0.052 | 9  | 70  | 0.84 | 174 |
| BRW113826 | 348 | 3.63 | 7.6  | 0.5 | 0.25 | 7    | 42  | 0.05 | 0.2  | 0.05 | 76  | 0.59  | 0.085 | 18 | 77  | 1.01 | 244 |
| BRW113838 | 103 | 0.9  | 1    | 0.2 | 0.25 | 1.2  | 45  | 0.05 | 0.05 | 0.05 | 14  | 0.57  | 0.028 | 3  | 26  | 0.86 | 80  |
| BRW113839 | 166 | 1.26 | 1.8  | 0.2 | 0.5  | 0.8  | 27  | 0.05 | 0.05 | 0.05 | 29  | 0.55  | 0.024 | 3  | 78  | 0.96 | 71  |
| BRW113840 | 209 | 2.29 | 7.4  | 0.9 | 2.5  | 3.2  | 38  | 0.05 | 0.4  | 0.05 | 55  | 0.45  | 0.019 | 10 | 80  | 0.79 | 152 |
| BRW113841 | 445 | 3.44 | 2.3  | 0.4 | 0.25 | 0.8  | 30  | 0.05 | 0.05 | 0.05 | 67  | 1.47  | 0.39  | 3  | 46  | 1.8  | 193 |
| BRW113842 | 211 | 2.17 | 2.5  | 0.2 | 0.25 | 3.9  | 21  | 0.05 | 0.1  | 0.05 | 51  | 0.42  | 0.046 | 9  | 25  | 1.02 | 108 |
| BRW113843 | 872 | 6.93 | 2.5  | 0.5 | 1    | 3.1  | 30  | 0.2  | 0.1  | 0.05 | 163 | 1.29  | 0.233 | 14 | 35  | 1.84 | 450 |
| BRW113844 | 356 | 4.63 | 2    | 1   | 0.25 | 18.6 | 11  | 0.1  | 0.05 | 0.05 | 83  | 0.36  | 0.119 | 29 | 52  | 1.04 | 291 |
| BRW113845 | 464 | 3.84 | 1.6  | 0.9 | 1.7  | 17.5 | 21  | 0.1  | 0.05 | 0.05 | 81  | 0.68  | 0.092 | 44 | 50  | 1.12 | 466 |
| BRW113915 | 380 | 2.49 | 8.4  | 0.8 | 1    | 3.6  | 36  | 0.2  | 0.5  | 0.1  | 59  | 0.55  | 0.063 | 15 | 33  | 0.54 | 293 |
| BRW113916 | 535 | 2.59 | 5.9  | 1   | 2.1  | 4.1  | 30  | 0.2  | 0.4  | 0.1  | 66  | 0.44  | 0.054 | 16 | 40  | 0.58 | 271 |
| BRW113919 | 172 | 1.49 | 1.3  | 0.2 | 0.8  | 0.9  | 28  | 0.05 | 0.05 | 0.05 | 43  | 0.5   | 0.016 | 3  | 23  | 1.02 | 64  |
| BRW113922 | 223 | 2.29 | 3.6  | 0.3 | 1.1  | 2.4  | 30  | 0.05 | 0.2  | 0.05 | 68  | 0.43  | 0.04  | 8  | 31  | 1.06 | 117 |
| BRW113924 | 752 | 4.7  | 1.7  | 1.5 | 0.9  | 28.2 | 11  | 0.1  | 0.1  | 0.05 | 72  | 0.37  | 0.116 | 57 | 44  | 0.71 | 480 |
| BRW113927 | 576 | 2.78 | 4.2  | 1.5 | 6.9  | 2.7  | 29  | 0.2  | 0.3  | 0.05 | 62  | 0.98  | 0.122 | 18 | 40  | 0.83 | 247 |
| BRW113928 | 527 | 3.97 | 1.1  | 0.6 | 2.5  | 1.9  | 38  | 0.05 | 0.05 | 0.05 | 101 | 1.08  | 0.207 | 6  | 19  | 1.63 | 356 |
| BRW113930 | 369 | 2.41 | 22.8 | 1   | 3.4  | 6.5  | 22  | 0.2  | 0.6  | 0.4  | 42  | 0.11  | 0.022 | 15 | 33  | 0.28 | 167 |
| BRW114091 | 151 | 1.66 | 3.5  | 0.2 | 0.25 | 1.4  | 41  | 0.05 | 0.2  | 0.05 | 40  | 0.45  | 0.013 | 5  | 43  | 0.86 | 150 |
| BRW114109 | 575 | 2.35 | 8.2  | 0.8 | 1.6  | 0.9  | 577 | 0.05 | 0.2  | 0.05 | 23  | 13.06 | 0.121 | 14 | 32  | 0.38 | 101 |
| BRW114110 | 222 | 2.21 | 2.1  | 0.2 | 0.25 | 6.4  | 40  | 0.05 | 0.1  | 0.05 | 48  | 0.46  | 0.042 | 7  | 60  | 0.88 | 108 |
| BRW114111 | 388 | 3.61 | 1.6  | 0.8 | 0.25 | 7.6  | 32  | 0.05 | 0.05 | 0.05 | 72  | 0.66  | 0.083 | 14 | 73  | 1.31 | 258 |
| BRW114112 | 549 | 5.13 | 2.4  | 0.6 | 0.25 | 4.9  | 24  | 0.05 | 0.2  | 0.05 | 134 | 0.58  | 0.081 | 12 | 45  | 2.12 | 347 |
| BRW114113 | 630 | 2.05 | 4.1  | 0.7 | 0.25 | 2.8  | 15  | 0.3  | 0.2  | 0.05 | 42  | 0.6   | 0.07  | 12 | 43  | 1.33 | 111 |
| BRW114114 | 450 | 3.24 | 2.7  | 0.9 | 0.8  | 11.4 | 16  | 0.05 | 0.2  | 0.05 | 70  | 0.18  | 0.028 | 39 | 36  | 0.35 | 229 |
| BRW114115 | 469 | 2.88 | 4    | 2.1 | 0.25 | 35.4 | 13  | 0.05 | 0.2  | 0.1  | 45  | 0.13  | 0.053 | 77 | 33  | 0.4  | 185 |
| BRW114115 | 487 | 2.98 | 4.4  | 2.2 | 0.25 | 37.6 | 14  | 0.1  | 0.2  | 0.2  | 47  | 0.14  | 0.054 | 83 | 36  | 0.41 | 195 |
| BRW114116 | 314 | 4.08 | 1.5  | 2.6 | 1.4  | 17.2 | 19  | 0.05 | 0.2  | 0.05 | 67  | 0.23  | 0.044 | 59 | 87  | 0.82 | 289 |
| BRW114117 | 230 | 3.12 | 11.7 | 0.7 | 1    | 5.7  | 15  | 0.05 | 0.5  | 0.1  | 55  | 0.11  | 0.045 | 19 | 33  | 0.4  | 154 |
| BRW114118 | 359 | 2.93 | 7    | 1.6 | 1.7  | 10.1 | 23  | 0.05 | 0.4  | 0.2  | 57  | 0.23  | 0.029 | 32 | 38  | 0.5  | 228 |
| BRW114119 | 471 | 4.18 | 4.6  | 1   | 1.9  | 8.4  | 30  | 0.1  | 0.3  | 0.1  | 82  | 0.28  | 0.026 | 35 | 45  | 1    | 492 |
| BRW114120 | 305 | 1.96 | 2.6  | 0.5 | 1.6  | 1.7  | 53  | 0.1  | 0.1  | 0.05 | 61  | 0.78  | 0.022 | 6  | 30  | 1.72 | 143 |
| BRW114121 | 292 | 1.83 | 3.1  | 0.3 | 1.9  | 2.9  | 56  | 0.05 | 0.2  | 0.05 | 50  | 0.8   | 0.045 | 8  | 40  | 1.13 | 155 |
| BRW114122 | 383 | 2.31 | 6    | 0.7 | 1.8  | 3.4  | 40  | 0.1  | 0.3  | 0.1  | 60  | 0.71  | 0.039 | 11 | 53  | 0.73 | 254 |
| BRW114123 | 306 | 2.52 | 5.7  | 0.9 | 1.4  | 4    | 35  | 0.05 | 0.3  | 0.1  | 62  | 0.7   | 0.075 | 13 | 46  | 0.8  | 247 |
| BRW114124 | 345 | 2.78 | 6.7  | 1.1 | 2.1  | 4.6  | 31  | 0.05 | 0.4  | 0.1  | 72  | 0.54  | 0.073 | 18 | 45  | 0.73 | 269 |
| BRW114124 | 326 | 2.71 | 6.8  | 1.1 | 13.2 | 4.6  | 30  | 0.05 | 0.4  | 0.1  | 70  | 0.53  | 0.075 | 18 | 46  | 0.73 | 272 |
| BRW114125 | 340 | 3.04 | 3.7  | 0.7 | 1.5  | 6.7  | 33  | 0.05 | 0.2  | 0.05 | 78  | 0.8   | 0.106 | 20 | 112 | 1.52 | 212 |
| BRW114126 | 525 | 2.65 | 7.6  | 0.8 | 1.8  | 3.6  | 28  | 0.05 | 0.4  | 0.2  | 72  | 0.5   | 0.044 | 13 | 38  | 0.65 | 249 |
| BRW114127 | 288 | 2.6  | 4.3  | 0.5 | 1.2  | 2.8  | 34  | 0.05 | 0.2  | 0.05 | 71  | 0.75  | 0.171 | 9  | 50  | 1.14 | 175 |
| BRW114129 | 411 | 2.91 | 4.5  | 0.6 | 1.3  | 2.5  | 36  | 0.05 | 0.3  | 0.05 | 84  | 1.01  | 0.11  | 10 | 48  | 1.19 | 182 |
| BRW114130 | 451 | 2.81 | 3.7  | 0.6 | 1.3  | 2    | 39  | 0.05 | 0.2  | 0.05 | 82  | 1.18  | 0.141 | 10 | 45  | 1.31 | 174 |
| BRW114154 | 269 | 2.4  | 2.9  | 0.3 | 0.7  | 1.8  | 22  | 0.05 | 0.2  | 0.05 | 54  | 0.46  | 0.029 | 5  | 28  | 1.63 | 89  |
| BRW114155 | 300 | 2.25 | 2.3  | 0.3 | 0.25 | 1.4  | 30  | 0.1  | 0.1  | 0.05 | 57  | 0.53  | 0.079 | 4  | 33  | 0.81 | 107 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW113695 | 0.103 | 1   | 2.83 | 0.013 | 0.94 | 0.05 | 0.03  | 6    | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW113697 | 0.171 | 0.5 | 2.42 | 0.014 | 1.34 | 0.1  | 0.02  | 9.2  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW113700 | 0.084 | 1   | 1.89 | 0.029 | 0.08 | 0.1  | 0.03  | 7.9  | 0.1  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000137 |
| BRW113702 | 0.134 | 1   | 2.86 | 0.008 | 0.53 | 0.05 | 0.005 | 3.6  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW113716 | 0.096 | 1   | 1.93 | 0.02  | 0.23 | 0.05 | 0.02  | 3.5  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW113717 | 0.051 | 1   | 1.47 | 0.017 | 0.09 | 0.1  | 0.07  | 5    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113720 | 0.075 | 0.5 | 1.97 | 0.032 | 0.03 | 0.05 | 0.005 | 6.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113721 | 0.075 | 0.5 | 1.72 | 0.016 | 0.03 | 0.1  | 0.005 | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW113722 | 0.094 | 1   | 1.9  | 0.01  | 0.02 | 0.05 | 0.005 | 5.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113723 | 0.073 | 0.5 | 2.6  | 0.021 | 0.17 | 0.05 | 0.005 | 11.3 | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW113723 | 0.072 | 0.5 | 2.56 | 0.018 | 0.17 | 0.05 | 0.005 | 11.4 | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW113724 | 0.02  | 0.5 | 2.18 | 0.021 | 0.21 | 0.05 | 0.09  | 5.8  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113725 | 0.109 | 0.5 | 2.18 | 0.012 | 0.49 | 0.05 | 0.005 | 4.4  | 0.2  | 0.025 | 7  | 1.6  | 1DX15  | WHI10000137 |
| BRW113726 | 0.028 | 1   | 0.96 | 0.008 | 0.13 | 0.05 | 0.005 | 3.5  | 0.1  | 0.05  | 4  | 0.6  | 1DX15  | WHI10000137 |
| BRW113728 | 0.048 | 2   | 1.09 | 0.011 | 0.29 | 0.05 | 0.01  | 2.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW113730 | 0.079 | 1   | 2.23 | 0.012 | 0.12 | 0.05 | 0.005 | 5.2  | 0.05 | 0.05  | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW113730 | 0.084 | 1   | 2.36 | 0.013 | 0.13 | 0.05 | 0.01  | 5.6  | 0.05 | 0.06  | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW113802 | 0.156 | 0.5 | 2.34 | 0.039 | 0.11 | 0.1  | 0.01  | 6.3  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW113803 | 0.161 | 1   | 2.38 | 0.034 | 0.13 | 0.1  | 0.005 | 5.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW113804 | 0.107 | 0.5 | 1.95 | 0.032 | 0.05 | 0.1  | 0.02  | 4.2  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW113826 | 0.101 | 0.5 | 2.08 | 0.017 | 0.1  | 0.05 | 0.005 | 5.4  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW113838 | 0.052 | 0.5 | 1.8  | 0.105 | 0.07 | 0.05 | 0.005 | 2.4  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000137 |
| BRW113839 | 0.062 | 0.5 | 1.64 | 0.049 | 0.03 | 0.05 | 0.005 | 4.9  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000137 |
| BRW113840 | 0.096 | 1   | 2.21 | 0.035 | 0.07 | 0.05 | 0.02  | 8.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113841 | 0.184 | 0.5 | 2.74 | 0.017 | 0.54 | 0.05 | 0.005 | 6.6  | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000137 |
| BRW113842 | 0.108 | 0.5 | 1.93 | 0.016 | 0.12 | 0.05 | 0.005 | 4.6  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW113843 | 0.335 | 1   | 3.47 | 0.02  | 1.09 | 0.1  | 0.005 | 11.4 | 0.4  | 0.025 | 16 | 0.25 | 1DX15  | WHI10000137 |
| BRW113844 | 0.171 | 0.5 | 2.48 | 0.009 | 0.89 | 0.05 | 0.005 | 4.2  | 0.5  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000137 |
| BRW113845 | 0.126 | 0.5 | 2.65 | 0.01  | 0.69 | 0.05 | 0.01  | 4.2  | 0.4  | 0.025 | 9  | 0.9  | 1DX15  | WHI10000137 |
| BRW113915 | 0.073 | 1   | 1.56 | 0.025 | 0.05 | 0.1  | 0.03  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113916 | 0.078 | 0.5 | 1.7  | 0.019 | 0.04 | 0.05 | 0.03  | 5.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113919 | 0.072 | 0.5 | 1.47 | 0.03  | 0.02 | 0.05 | 0.005 | 4.4  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000137 |
| BRW113922 | 0.089 | 0.5 | 1.87 | 0.02  | 0.08 | 0.05 | 0.005 | 6.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW113924 | 0.199 | 0.5 | 2.06 | 0.006 | 1.07 | 0.05 | 0.005 | 5.6  | 0.5  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000137 |
| BRW113927 | 0.092 | 2   | 1.47 | 0.022 | 0.3  | 0.05 | 0.06  | 6.3  | 0.1  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000137 |
| BRW113928 | 0.22  | 0.5 | 2.7  | 0.026 | 0.56 | 0.05 | 0.005 | 7.7  | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW113930 | 0.029 | 1   | 0.91 | 0.007 | 0.07 | 0.05 | 0.005 | 3.6  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000137 |
| BRW114091 | 0.057 | 0.5 | 2.32 | 0.023 | 0.03 | 0.05 | 0.01  | 3.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114109 | 0.021 | 0.5 | 0.57 | 0.009 | 0.02 | 0.1  | 0.05  | 3.8  | 0.05 | 0.025 | 2  | 0.5  | 1DX15  | WHI10000137 |
| BRW114110 | 0.12  | 0.5 | 1.7  | 0.016 | 0.08 | 0.05 | 0.005 | 2.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114111 | 0.154 | 0.5 | 2.48 | 0.02  | 0.4  | 0.05 | 0.005 | 5.3  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW114112 | 0.191 | 0.5 | 3.71 | 0.024 | 0.88 | 0.05 | 0.005 | 8.9  | 0.3  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000137 |
| BRW114113 | 0.038 | 1   | 1.61 | 0.009 | 0.06 | 0.05 | 0.02  | 5.4  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114114 | 0.036 | 0.5 | 1.31 | 0.006 | 0.26 | 0.05 | 0.02  | 3.8  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114115 | 0.061 | 0.5 | 1.64 | 0.009 | 0.25 | 0.05 | 0.01  | 3.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114115 | 0.066 | 0.5 | 1.66 | 0.01  | 0.27 | 0.05 | 0.005 | 3.4  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114116 | 0.119 | 0.5 | 2.23 | 0.013 | 0.58 | 0.05 | 0.02  | 6.2  | 0.5  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000137 |
| BRW114117 | 0.053 | 0.5 | 1.85 | 0.009 | 0.23 | 0.1  | 0.02  | 2.7  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114118 | 0.061 | 0.5 | 1.78 | 0.017 | 0.1  | 0.05 | 0.02  | 4.9  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114119 | 0.106 | 0.5 | 2.54 | 0.017 | 0.26 | 0.05 | 0.01  | 6.6  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW114120 | 0.024 | 0.5 | 2.55 | 0.078 | 0.04 | 0.05 | 0.01  | 6.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114121 | 0.044 | 0.5 | 2.24 | 0.096 | 0.05 | 0.05 | 0.02  | 6.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114122 | 0.075 | 1   | 2.01 | 0.03  | 0.05 | 0.1  | 0.02  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114123 | 0.093 | 1   | 2.01 | 0.028 | 0.07 | 0.1  | 0.03  | 4.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114124 | 0.101 | 1   | 2.05 | 0.025 | 0.06 | 0.1  | 0.03  | 5.1  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114124 | 0.099 | 0.5 | 2.01 | 0.025 | 0.06 | 0.1  | 0.02  | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114125 | 0.147 | 0.5 | 2.29 | 0.02  | 0.28 | 0.05 | 0.01  | 6.9  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW114126 | 0.087 | 0.5 | 1.88 | 0.02  | 0.05 | 0.1  | 0.02  | 4.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114127 | 0.114 | 0.5 | 2.01 | 0.016 | 0.13 | 0.05 | 0.005 | 3.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114129 | 0.132 | 0.5 | 2.51 | 0.023 | 0.06 | 0.1  | 0.02  | 7.1  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW114130 | 0.132 | 0.5 | 2.54 | 0.023 | 0.07 | 0.05 | 0.005 | 7.7  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW114154 | 0.124 | 0.5 | 2.4  | 0.016 | 0.05 | 0.05 | 0.005 | 3.8  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW114155 | 0.105 | 0.5 | 2.42 | 0.026 | 0.08 | 0.05 | 0.005 | 2.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|-------|------|
| BRW114159 | Soil | 599738     | 7003055    | 07V      | 0.5 | 13.7  | 5.8  | 28  | 0.05 | 9.5   | 3.9  |
| BRW114160 | Soil | 599699     | 7003024    | 07V      | 0.2 | 28.1  | 4.1  | 28  | 0.05 | 23.4  | 10.8 |
| BRW114161 | Soil | 599977     | 7003243    | 07V      | 0.6 | 39    | 16.6 | 99  | 0.05 | 22.2  | 15.8 |
| BRW114162 | Soil | 599658     | 7002992    | 07V      | 0.6 | 22.2  | 8.3  | 38  | 0.05 | 25.8  | 9.2  |
| BRW114163 | Soil | 599621     | 7002962    | 07V      | 0.3 | 21.6  | 4.6  | 26  | 0.05 | 24.3  | 21.4 |
| BRW114164 | Soil | 599581     | 7002931    | 07V      | 0.5 | 36.4  | 12.8 | 22  | 0.05 | 29.9  | 21.8 |
| BRW114165 | Soil | 599542     | 7002901    | 07V      | 1.2 | 74.9  | 10.5 | 45  | 0.05 | 37.9  | 14.3 |
| BRW114167 | Soil | 599463     | 7002840    | 07V      | 0.6 | 34.7  | 6.4  | 40  | 0.05 | 30.3  | 21.9 |
| BRW114168 | Soil | 599424     | 7002806    | 07V      | 1.6 | 39.4  | 13.1 | 88  | 0.1  | 32.2  | 12.9 |
| BRW114169 | Soil | 599385     | 7002778    | 07V      | 1.1 | 29.8  | 10.4 | 57  | 0.05 | 25.1  | 12.6 |
| BRW114171 | Soil | 599307     | 7002715    | 07V      | 0.8 | 29.9  | 6.2  | 68  | 0.05 | 20.8  | 15.4 |
| BRW114172 | Soil | 599263     | 7002687    | 07V      | 0.9 | 48.3  | 7.7  | 57  | 0.1  | 42.4  | 12.1 |
| BRW114173 | Soil | 599232     | 7002657    | 07V      | 0.5 | 29.7  | 5.4  | 63  | 0.2  | 13.2  | 11.5 |
| BRW114177 | Soil | 598995     | 7002476    | 07V      | 0.3 | 77.1  | 4.1  | 51  | 0.05 | 27.3  | 15   |
| BRW114179 | Soil | 598915     | 7002415    | 07V      | 0.6 | 100.2 | 7.6  | 80  | 0.05 | 16.1  | 12.6 |
| BRW114180 | Soil | 598876     | 7002384    | 07V      | 0.6 | 79.3  | 6.2  | 60  | 0.05 | 21.4  | 15.5 |
| BRW114180 | REP  | 598876     | 7002384    | 07V      | 0.6 | 79.2  | 6.1  | 59  | 0.05 | 22.2  | 15   |
| BRW114181 | Soil | 598876     | 7002384    | 07V      | 0.5 | 81    | 5.1  | 62  | 0.05 | 23.2  | 17.6 |
| BRW114192 | Soil | 599580     | 7002298    | 07V      | 1.4 | 55.3  | 5.3  | 86  | 0.05 | 39.2  | 12.4 |
| BRW114193 | Soil | 599620     | 7002328    | 07V      | 3.6 | 71    | 6.4  | 95  | 0.05 | 143.7 | 29.6 |
| BRW114194 | Soil | 599659     | 7002359    | 07V      | 1.1 | 77.3  | 8.5  | 63  | 0.05 | 36.6  | 14.7 |
| BRW114195 | Soil | 599699     | 7002392    | 07V      | 0.6 | 73.8  | 3.5  | 94  | 0.05 | 109.5 | 19.4 |
| BRW114196 | Soil | 599739     | 7002421    | 07V      | 1.4 | 30    | 16.1 | 86  | 0.05 | 14.6  | 7.7  |
| BRW114196 | REP  | 599739     | 7002421    | 07V      | 1.5 | 31.2  | 16.5 | 88  | 0.05 | 15.9  | 7.8  |
| BRW114197 | Soil | 599778     | 7002450    | 07V      | 3.2 | 55.9  | 14.2 | 130 | 0.05 | 49.9  | 11.2 |
| BRW114198 | Soil | 599818     | 7002481    | 07V      | 2.3 | 42.5  | 14   | 80  | 0.05 | 38.8  | 9.1  |
| BRW114199 | Soil | 599859     | 7002513    | 07V      | 5.2 | 37.8  | 12.6 | 95  | 0.05 | 42.4  | 10.7 |
| BRW114200 | Soil | 599897     | 7002542    | 07V      | 3.2 | 32.3  | 18.3 | 103 | 0.05 | 31.2  | 6.5  |
| BRW114201 | Soil | 599937     | 7002573    | 07V      | 4.4 | 52.3  | 12.4 | 113 | 0.05 | 55.2  | 16.9 |
| BRW114204 | Soil | 600051     | 7002664    | 07V      | 0.6 | 54.2  | 8.1  | 59  | 0.05 | 65.1  | 20.6 |
| BRW114205 | Soil | 600092     | 7002696    | 07V      | 0.5 | 27.2  | 8.2  | 53  | 0.05 | 25.2  | 8.3  |
| BRW114206 | Soil | 600129     | 7002727    | 07V      | 0.2 | 44.8  | 4.3  | 22  | 0.05 | 72.3  | 14.5 |
| BRW114206 | REP  | 600129     | 7002727    | 07V      | 0.2 | 45.8  | 4.2  | 23  | 0.05 | 72.9  | 14.4 |
| BRW114207 | Soil | 600169     | 7002755    | 07V      | 0.5 | 65.4  | 5.2  | 29  | 0.05 | 104.1 | 25.1 |
| BRW114208 | Soil | 600209     | 7002789    | 07V      | 0.3 | 41.7  | 3.8  | 26  | 0.05 | 60.1  | 41.8 |
| BRW114209 | Soil | 600247     | 7002820    | 07V      | 1.1 | 13.2  | 10.9 | 25  | 0.05 | 12.3  | 6.9  |
| BRW114210 | Soil | 600288     | 7002851    | 07V      | 0.2 | 100.8 | 3.8  | 14  | 0.05 | 61.5  | 15.6 |
| BRW114211 | Soil | 600327     | 7002881    | 07V      | 0.2 | 78.5  | 45.9 | 36  | 0.1  | 125.1 | 19.3 |
| BRW114212 | Soil | 600366     | 7002914    | 07V      | 0.7 | 17.4  | 11.9 | 85  | 0.05 | 21.8  | 16.9 |
| BRW114213 | Soil | 600406     | 7002944    | 07V      | 1.3 | 55.1  | 11.6 | 155 | 0.05 | 50.9  | 13.7 |
| BRW114214 | Soil | 600406     | 7002944    | 07V      | 1.4 | 60.3  | 12.6 | 161 | 0.05 | 55.5  | 14.9 |
| BRW114222 | Soil | 599878     | 7001514    | 07V      | 0.7 | 44.5  | 3.4  | 65  | 0.05 | 36.7  | 18.1 |
| BRW114223 | Soil | 599915     | 7001545    | 07V      | 1   | 26.4  | 8.2  | 108 | 0.2  | 22.9  | 15.2 |
| BRW114238 | Soil | 600503     | 7002006    | 07V      | 1.8 | 46.8  | 20   | 130 | 0.05 | 33.5  | 16.4 |
| BRW114239 | Soil | 600542     | 7002038    | 07V      | 1.2 | 30.9  | 11.3 | 77  | 0.2  | 25.9  | 10.8 |
| BRW114240 | Soil | 600582     | 7002067    | 07V      | 1.3 | 36.1  | 11.3 | 62  | 0.05 | 32.8  | 15.3 |
| BRW114241 | Soil | 600620     | 7002098    | 07V      | 0.5 | 30.1  | 5.7  | 39  | 0.05 | 21.9  | 14.3 |
| BRW114242 | Soil | 600660     | 7002128    | 07V      | 0.7 | 39.1  | 8    | 41  | 0.05 | 41.4  | 12.1 |
| BRW114243 | Soil | 600700     | 7002160    | 07V      | 0.3 | 52.4  | 4.1  | 31  | 0.05 | 33    | 13   |
| BRW114244 | Soil | 600738     | 7002191    | 07V      | 0.6 | 32    | 5.7  | 41  | 0.05 | 30.6  | 11.7 |
| BRW114245 | Soil | 600779     | 7002220    | 07V      | 0.6 | 30.5  | 7    | 46  | 0.1  | 27.4  | 11.8 |
| BRW114246 | Soil | 600820     | 7002252    | 07V      | 0.7 | 31.6  | 7.8  | 57  | 0.2  | 26.1  | 10.9 |
| BRW114263 | Soil | 600263     | 7003213    | 07V      | 2.8 | 37.7  | 16.3 | 100 | 0.1  | 37.5  | 12.7 |
| BRW114263 | REP  | 600263     | 7003213    | 07V      | 2.7 | 37.8  | 16.8 | 96  | 0.1  | 37.1  | 12.9 |
| BRW114264 | Soil | 600300     | 7003243    | 07V      | 2.8 | 28    | 6.3  | 77  | 0.1  | 16.6  | 15.7 |
| BRW114265 | Soil | 600339     | 7003274    | 07V      | 1.6 | 21.6  | 3.4  | 59  | 0.05 | 12.2  | 24.5 |
| BRW114266 | Soil | 600380     | 7003305    | 07V      | 1.1 | 22.1  | 5.3  | 73  | 0.05 | 13.2  | 21   |
| BRW114267 | Soil | 600420     | 7003334    | 07V      | 0.7 | 33.6  | 3.9  | 58  | 0.05 | 20    | 21.5 |
| BRW114268 | Soil | 600461     | 7003368    | 07V      | 2.3 | 39.8  | 10.9 | 36  | 0.05 | 28.8  | 5    |
| BRW114269 | Soil | 600501     | 7003400    | 07V      | 2.1 | 42.9  | 15.9 | 125 | 0.05 | 49.2  | 19.3 |
| BRW114270 | Soil | 600540     | 7003430    | 07V      | 1.8 | 56.4  | 12.5 | 126 | 0.05 | 45.3  | 14   |
| BRW114271 | Soil | 600576     | 7003461    | 07V      | 1.8 | 14.9  | 8.8  | 103 | 0.05 | 18    | 8.5  |
| BRW114272 | Soil | 600620     | 7003490    | 07V      | 1.1 | 41.7  | 9.9  | 61  | 0.05 | 41.1  | 11.3 |

| SampleID  | Mn  | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba  |
|-----------|-----|------|------|-----|------|------|-----|------|------|------|-----|------|-------|-----|-----|------|-----|
| BRW114159 | 117 | 1.34 | 3.2  | 0.2 | 1.1  | 1.6  | 12  | 0.05 | 0.2  | 0.1  | 38  | 0.13 | 0.018 | 5   | 17  | 0.33 | 74  |
| BRW114160 | 191 | 1.52 | 1.5  | 0.2 | 0.25 | 0.6  | 27  | 0.05 | 0.05 | 0.05 | 37  | 0.61 | 0.029 | 2   | 65  | 0.96 | 93  |
| BRW114161 | 597 | 4.83 | 51.7 | 0.6 | 0.25 | 5.1  | 20  | 0.1  | 1    | 0.05 | 90  | 0.73 | 0.15  | 20  | 42  | 1.49 | 393 |
| BRW114162 | 225 | 2.22 | 4.3  | 0.5 | 1.6  | 2.9  | 37  | 0.05 | 0.3  | 0.1  | 52  | 0.48 | 0.015 | 9   | 46  | 0.58 | 189 |
| BRW114163 | 198 | 2.02 | 2.8  | 0.4 | 0.6  | 2.5  | 59  | 0.05 | 0.1  | 0.05 | 59  | 0.89 | 0.019 | 8   | 20  | 0.9  | 138 |
| BRW114164 | 176 | 1.7  | 5.7  | 0.2 | 0.6  | 2.7  | 15  | 0.05 | 0.1  | 0.05 | 69  | 0.32 | 0.035 | 4   | 25  | 0.86 | 63  |
| BRW114165 | 204 | 2.66 | 4.3  | 1.8 | 0.25 | 15.1 | 17  | 0.05 | 0.2  | 0.1  | 78  | 0.26 | 0.034 | 29  | 45  | 0.58 | 98  |
| BRW114167 | 338 | 2.2  | 4.1  | 0.5 | 2.4  | 6.8  | 34  | 0.05 | 0.2  | 0.05 | 53  | 0.48 | 0.031 | 14  | 30  | 0.87 | 167 |
| BRW114168 | 289 | 3.19 | 12.3 | 1   | 1.3  | 7.3  | 25  | 0.05 | 0.4  | 0.1  | 59  | 0.39 | 0.027 | 20  | 38  | 0.47 | 213 |
| BRW114169 | 360 | 2.82 | 8.2  | 1.2 | 1    | 7.3  | 22  | 0.05 | 0.2  | 0.1  | 54  | 0.43 | 0.036 | 20  | 38  | 0.47 | 185 |
| BRW114171 | 437 | 3.35 | 4.2  | 0.3 | 0.5  | 2    | 90  | 0.05 | 0.2  | 0.05 | 73  | 1.61 | 0.056 | 7   | 55  | 1.31 | 181 |
| BRW114172 | 262 | 2.55 | 6.5  | 0.8 | 1.7  | 6.7  | 30  | 0.05 | 0.3  | 0.05 | 55  | 0.78 | 0.072 | 26  | 65  | 0.93 | 173 |
| BRW114173 | 299 | 3.18 | 4.1  | 0.5 | 2.1  | 2.1  | 54  | 0.1  | 0.2  | 0.05 | 101 | 0.88 | 0.189 | 9   | 24  | 0.72 | 167 |
| BRW114177 | 322 | 2.86 | 2.6  | 0.3 | 8    | 1.5  | 89  | 0.05 | 0.2  | 0.05 | 88  | 1.06 | 0.085 | 5   | 45  | 1.19 | 135 |
| BRW114179 | 257 | 3.54 | 5.7  | 0.5 | 0.25 | 2.9  | 128 | 0.05 | 0.3  | 0.05 | 64  | 0.93 | 0.102 | 7   | 21  | 0.94 | 205 |
| BRW114180 | 394 | 3.24 | 6.2  | 0.2 | 0.25 | 1.1  | 90  | 0.05 | 0.2  | 0.05 | 94  | 0.84 | 0.07  | 3   | 32  | 1.25 | 263 |
| BRW114180 | 397 | 3.2  | 6.4  | 0.2 | 0.25 | 1.2  | 88  | 0.05 | 0.2  | 0.05 | 96  | 0.86 | 0.07  | 3   | 32  | 1.24 | 254 |
| BRW114181 | 444 | 3.6  | 6.1  | 0.2 | 0.25 | 1.4  | 99  | 0.05 | 0.1  | 0.05 | 109 | 1.01 | 0.079 | 4   | 29  | 1.42 | 266 |
| BRW114192 | 447 | 3.13 | 12.1 | 0.7 | 1.5  | 5.5  | 51  | 0.1  | 1.1  | 0.05 | 122 | 0.65 | 0.078 | 18  | 66  | 1.03 | 212 |
| BRW114193 | 907 | 5.81 | 4    | 1.1 | 0.7  | 6.8  | 33  | 0.05 | 0.3  | 0.05 | 109 | 0.6  | 0.104 | 25  | 199 | 1.99 | 265 |
| BRW114194 | 309 | 3.54 | 8    | 0.3 | 0.5  | 6    | 18  | 0.05 | 0.4  | 0.1  | 70  | 0.29 | 0.058 | 11  | 50  | 0.64 | 193 |
| BRW114195 | 295 | 4.79 | 3.8  | 0.4 | 1    | 1.4  | 38  | 0.2  | 0.2  | 0.05 | 109 | 0.82 | 0.199 | 6   | 91  | 1.32 | 144 |
| BRW114196 | 253 | 3.06 | 6.6  | 0.3 | 0.9  | 2.7  | 13  | 0.05 | 0.2  | 0.1  | 64  | 0.19 | 0.036 | 6   | 28  | 0.49 | 160 |
| BRW114196 | 259 | 3.13 | 6.7  | 0.3 | 0.6  | 2.8  | 14  | 0.1  | 0.3  | 0.1  | 67  | 0.2  | 0.036 | 7   | 29  | 0.49 | 167 |
| BRW114197 | 413 | 3.94 | 14.3 | 1.5 | 0.9  | 29.1 | 18  | 0.05 | 0.3  | 0.05 | 105 | 0.16 | 0.028 | 108 | 39  | 0.24 | 208 |
| BRW114198 | 403 | 3.75 | 8.1  | 1.6 | 1.3  | 31.8 | 19  | 0.1  | 0.4  | 0.1  | 70  | 0.2  | 0.049 | 148 | 51  | 0.44 | 288 |
| BRW114199 | 294 | 4.96 | 10.5 | 1.9 | 1    | 33.8 | 14  | 0.1  | 0.3  | 0.05 | 80  | 0.13 | 0.062 | 133 | 55  | 0.1  | 141 |
| BRW114200 | 99  | 3.27 | 12.2 | 2.6 | 2.4  | 20.3 | 15  | 0.05 | 0.9  | 0.1  | 40  | 0.15 | 0.044 | 68  | 29  | 0.15 | 131 |
| BRW114201 | 126 | 4.81 | 10.3 | 2.1 | 2.7  | 12.5 | 20  | 0.2  | 0.3  | 0.05 | 92  | 0.28 | 0.072 | 40  | 67  | 0.57 | 190 |
| BRW114204 | 246 | 3.31 | 5.1  | 0.9 | 2.4  | 11.5 | 30  | 0.1  | 0.2  | 0.05 | 70  | 0.5  | 0.062 | 28  | 92  | 0.94 | 220 |
| BRW114205 | 186 | 2.26 | 6.1  | 0.8 | 3.3  | 3.5  | 29  | 0.05 | 0.3  | 0.2  | 56  | 0.41 | 0.048 | 13  | 32  | 0.55 | 214 |
| BRW114206 | 182 | 1.5  | 2.1  | 0.4 | 1.6  | 3.8  | 50  | 0.05 | 0.1  | 0.05 | 26  | 0.77 | 0.018 | 9   | 82  | 1.02 | 175 |
| BRW114206 | 179 | 1.49 | 1.8  | 0.4 | 0.6  | 3.7  | 51  | 0.05 | 0.1  | 0.05 | 26  | 0.8  | 0.02  | 9   | 81  | 1.03 | 171 |
| BRW114207 | 619 | 1.87 | 3.5  | 0.7 | 0.9  | 1.7  | 54  | 0.2  | 0.3  | 0.05 | 32  | 0.6  | 0.025 | 6   | 36  | 1.66 | 187 |
| BRW114208 | 380 | 3.24 | 2.8  | 0.3 | 1    | 0.9  | 30  | 0.05 | 0.1  | 0.05 | 53  | 0.51 | 0.011 | 4   | 24  | 2.81 | 96  |
| BRW114209 | 339 | 1.7  | 5.3  | 0.3 | 6.7  | 4.5  | 14  | 0.05 | 0.2  | 0.2  | 50  | 0.17 | 0.037 | 11  | 17  | 0.25 | 106 |
| BRW114210 | 185 | 1.28 | 1.8  | 0.3 | 2.6  | 1.8  | 21  | 0.05 | 0.1  | 0.05 | 29  | 0.41 | 0.018 | 7   | 23  | 0.56 | 85  |
| BRW114211 | 275 | 2.72 | 2    | 0.4 | 4.3  | 2    | 47  | 0.05 | 0.1  | 0.05 | 42  | 0.74 | 0.024 | 4   | 46  | 1.35 | 150 |
| BRW114212 | 495 | 4.45 | 3.1  | 0.5 | 0.5  | 4.8  | 19  | 0.05 | 0.1  | 0.05 | 98  | 0.57 | 0.119 | 14  | 49  | 1.6  | 395 |
| BRW114213 | 202 | 3.29 | 2.6  | 1.7 | 6.2  | 21.7 | 15  | 0.05 | 0.1  | 0.1  | 56  | 0.33 | 0.09  | 55  | 37  | 0.71 | 234 |
| BRW114214 | 217 | 3.58 | 2.6  | 1.8 | 2.6  | 24   | 16  | 0.05 | 0.2  | 0.05 | 59  | 0.35 | 0.109 | 57  | 39  | 0.78 | 238 |
| BRW114222 | 346 | 4.41 | 4.6  | 0.9 | 0.25 | 5.1  | 54  | 0.05 | 0.1  | 0.05 | 162 | 0.61 | 0.096 | 14  | 64  | 1.12 | 558 |
| BRW114223 | 800 | 3.32 | 4.7  | 0.4 | 0.6  | 3.1  | 43  | 0.2  | 0.3  | 0.1  | 87  | 0.56 | 0.07  | 10  | 41  | 0.8  | 271 |
| BRW114238 | 283 | 4.49 | 4.2  | 1.5 | 0.9  | 13.8 | 27  | 0.05 | 0.2  | 0.1  | 61  | 0.14 | 0.037 | 40  | 51  | 0.81 | 366 |
| BRW114239 | 238 | 2.96 | 7.9  | 1   | 1.9  | 6.9  | 18  | 0.05 | 0.5  | 0.1  | 55  | 0.17 | 0.033 | 23  | 33  | 0.42 | 171 |
| BRW114240 | 238 | 2.97 | 7.9  | 1   | 2    | 5.7  | 28  | 0.05 | 0.5  | 0.1  | 73  | 0.34 | 0.019 | 19  | 55  | 0.68 | 243 |
| BRW114241 | 196 | 2.24 | 3.8  | 0.5 | 0.7  | 3.7  | 38  | 0.05 | 0.3  | 0.05 | 64  | 0.52 | 0.036 | 12  | 31  | 0.75 | 171 |
| BRW114242 | 191 | 2.19 | 5.1  | 0.7 | 0.7  | 3.6  | 60  | 0.05 | 0.3  | 0.1  | 52  | 0.87 | 0.035 | 10  | 37  | 0.7  | 192 |
| BRW114243 | 164 | 1.69 | 2    | 0.3 | 0.7  | 1.8  | 48  | 0.05 | 0.1  | 0.05 | 39  | 1.03 | 0.107 | 5   | 48  | 0.81 | 111 |
| BRW114244 | 246 | 2.07 | 4.4  | 0.7 | 1.6  | 3.2  | 42  | 0.1  | 0.3  | 0.05 | 54  | 0.7  | 0.047 | 11  | 54  | 0.74 | 170 |
| BRW114245 | 247 | 2.24 | 4.8  | 0.8 | 1.6  | 3.2  | 42  | 0.1  | 0.3  | 0.1  | 53  | 0.68 | 0.051 | 13  | 42  | 0.65 | 210 |
| BRW114246 | 392 | 2.46 | 7    | 0.9 | 3.3  | 2.9  | 39  | 0.2  | 0.4  | 0.1  | 55  | 0.56 | 0.061 | 15  | 35  | 0.58 | 260 |
| BRW114263 | 371 | 3.91 | 7.1  | 1   | 5.4  | 22.9 | 24  | 0.2  | 0.2  | 0.05 | 61  | 0.4  | 0.031 | 67  | 37  | 0.41 | 303 |
| BRW114263 | 363 | 3.8  | 6.6  | 1   | 1.3  | 22.3 | 23  | 0.2  | 0.2  | 0.05 | 60  | 0.41 | 0.031 | 63  | 37  | 0.41 | 291 |
| BRW114264 | 434 | 4.13 | 6.8  | 1.2 | 4.7  | 5.7  | 25  | 0.05 | 0.2  | 0.05 | 72  | 1.03 | 0.123 | 31  | 29  | 1    | 332 |
| BRW114265 | 471 | 4.42 | 1.5  | 0.3 | 0.25 | 1.3  | 22  | 0.05 | 0.05 | 0.05 | 135 | 0.66 | 0.126 | 5   | 37  | 1.97 | 417 |
| BRW114266 | 549 | 4.42 | 4.9  | 0.3 | 2.1  | 2.2  | 33  | 0.05 | 0.3  | 0.05 | 105 | 0.52 | 0.105 | 5   | 21  | 1.48 | 361 |
| BRW114267 | 444 | 3.91 | 4.8  | 0.5 | 0.6  | 3.2  | 29  | 0.05 | 0.2  | 0.05 | 95  | 0.57 | 0.118 | 18  | 19  | 1.52 | 237 |
| BRW114268 | 123 | 1.41 | 16.6 | 1.6 | 4.2  | 12.3 | 25  | 0.05 | 0.4  | 0.05 | 29  | 0.13 | 0.017 | 25  | 31  | 0.17 | 124 |
| BRW114269 | 416 | 4.66 | 5.2  | 1.6 | 0.25 | 13.3 | 20  | 0.05 | 0.2  | 0.1  | 69  | 0.17 | 0.046 | 37  | 65  | 1.24 | 284 |
| BRW114270 | 351 | 4.1  | 12.5 | 2.2 | 3.9  | 17.2 | 15  | 0.1  | 0.4  | 0.1  | 68  | 0.36 | 0.117 | 50  | 40  | 0.75 | 353 |
| BRW114271 | 463 | 4.75 | 6.2  | 0.7 | 1.2  | 5.8  | 11  | 0.1  | 0.4  | 0.05 | 57  | 0.15 | 0.022 | 15  | 79  | 1.1  | 209 |
| BRW114272 | 288 | 3.32 | 5.1  | 0.5 | 0.25 | 4.4  | 11  | 0.05 | 0.2  | 0.1  | 59  | 0.21 | 0.04  | 5   | 69  | 0.78 | 142 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW114159 | 0.065 | 0.5 | 1.12 | 0.012 | 0.04 | 0.05 | 0.005 | 1.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114160 | 0.091 | 0.5 | 2.22 | 0.022 | 0.04 | 0.05 | 0.005 | 3.9  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114161 | 0.119 | 1   | 2.89 | 0.013 | 0.56 | 0.05 | 0.01  | 8.9  | 0.3  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000137 |
| BRW114162 | 0.065 | 0.5 | 2.94 | 0.046 | 0.03 | 0.05 | 0.005 | 3.4  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114163 | 0.077 | 0.5 | 2.86 | 0.046 | 0.04 | 0.05 | 0.02  | 3.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114164 | 0.059 | 0.5 | 1.34 | 0.008 | 0.02 | 0.05 | 0.005 | 5    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114165 | 0.028 | 0.5 | 1.56 | 0.007 | 0.07 | 0.05 | 0.005 | 4.1  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114167 | 0.089 | 0.5 | 2.1  | 0.043 | 0.17 | 0.05 | 0.01  | 3.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114168 | 0.048 | 0.5 | 1.6  | 0.015 | 0.09 | 0.05 | 0.02  | 4.1  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114169 | 0.06  | 0.5 | 1.42 | 0.015 | 0.16 | 0.05 | 0.02  | 3.7  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114171 | 0.136 | 1   | 3.26 | 0.021 | 0.21 | 0.05 | 0.02  | 5.7  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW114172 | 0.06  | 0.5 | 1.52 | 0.016 | 0.13 | 0.05 | 0.02  | 5.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114173 | 0.099 | 0.5 | 1.73 | 0.039 | 0.06 | 0.1  | 0.03  | 4.8  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114177 | 0.144 | 0.5 | 2.53 | 0.049 | 0.06 | 0.05 | 0.01  | 4.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114179 | 0.159 | 0.5 | 3.36 | 0.03  | 0.12 | 0.05 | 0.005 | 2.3  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW114180 | 0.174 | 0.5 | 3.19 | 0.044 | 0.12 | 0.05 | 0.01  | 4.4  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW114180 | 0.174 | 0.5 | 3.14 | 0.046 | 0.12 | 0.05 | 0.005 | 4.5  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW114181 | 0.228 | 0.5 | 3.35 | 0.047 | 0.14 | 0.05 | 0.005 | 4.6  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW114192 | 0.095 | 0.5 | 1.97 | 0.015 | 0.04 | 0.05 | 0.02  | 4.8  | 0.05 | 0.025 | 7  | 0.5  | 1DX15  | WHI10000137 |
| BRW114193 | 0.13  | 1   | 3.35 | 0.014 | 0.31 | 0.05 | 0.005 | 8.7  | 0.2  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000137 |
| BRW114194 | 0.099 | 1   | 2.56 | 0.023 | 0.09 | 0.05 | 0.01  | 3.8  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW114195 | 0.095 | 0.5 | 2.23 | 0.013 | 0.02 | 0.05 | 0.01  | 6.8  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114196 | 0.022 | 0.5 | 1.19 | 0.009 | 0.08 | 0.05 | 0.005 | 3.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114196 | 0.025 | 0.5 | 1.21 | 0.009 | 0.08 | 0.05 | 0.01  | 4.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114197 | 0.031 | 1   | 0.95 | 0.005 | 0.17 | 0.05 | 0.02  | 6.9  | 0.2  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000137 |
| BRW114198 | 0.081 | 1   | 2.13 | 0.008 | 0.26 | 0.05 | 0.02  | 5.2  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114199 | 0.008 | 10  | 0.79 | 0.008 | 0.08 | 0.05 | 0.02  | 5.8  | 0.05 | 0.025 | 3  | 0.5  | 1DX15  | WHI10000137 |
| BRW114200 | 0.009 | 0.5 | 0.92 | 0.004 | 0.09 | 0.05 | 0.04  | 4.5  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000137 |
| BRW114201 | 0.049 | 0.5 | 1.57 | 0.008 | 0.11 | 0.05 | 0.03  | 7.1  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000137 |
| BRW114204 | 0.089 | 0.5 | 1.89 | 0.017 | 0.14 | 0.05 | 0.01  | 5.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114205 | 0.076 | 1   | 1.64 | 0.014 | 0.04 | 0.05 | 0.03  | 3.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114206 | 0.06  | 0.5 | 2.39 | 0.064 | 0.04 | 0.05 | 0.01  | 4.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114206 | 0.061 | 1   | 2.56 | 0.067 | 0.04 | 0.05 | 0.02  | 4.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114207 | 0.056 | 4   | 1.92 | 0.035 | 0.03 | 0.05 | 0.01  | 3.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114208 | 0.044 | 1   | 2.39 | 0.013 | 0.02 | 0.05 | 0.01  | 7.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114209 | 0.044 | 0.5 | 1.07 | 0.008 | 0.06 | 0.1  | 0.01  | 2    | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114210 | 0.047 | 1   | 0.97 | 0.012 | 0.02 | 0.05 | 0.005 | 8.8  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000137 |
| BRW114211 | 0.084 | 0.5 | 3.17 | 0.041 | 0.06 | 0.05 | 0.005 | 3.4  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114212 | 0.155 | 2   | 2.82 | 0.012 | 0.46 | 0.05 | 0.005 | 6.3  | 0.2  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000137 |
| BRW114213 | 0.057 | 0.5 | 1.8  | 0.008 | 0.29 | 0.05 | 0.03  | 3.9  | 0.2  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000137 |
| BRW114214 | 0.06  | 0.5 | 1.94 | 0.007 | 0.31 | 0.05 | 0.03  | 4    | 0.3  | 0.025 | 6  | 1.1  | 1DX15  | WHI10000137 |
| BRW114222 | 0.205 | 1   | 2.44 | 0.035 | 0.77 | 0.05 | 0.005 | 8.5  | 0.2  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000137 |
| BRW114223 | 0.112 | 2   | 2.04 | 0.03  | 0.13 | 0.05 | 0.02  | 4.8  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW114238 | 0.153 | 0.5 | 2.74 | 0.016 | 0.8  | 0.05 | 0.005 | 4.6  | 0.5  | 0.12  | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW114239 | 0.079 | 0.5 | 1.65 | 0.012 | 0.11 | 0.05 | 0.02  | 3.7  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114240 | 0.096 | 0.5 | 2.03 | 0.022 | 0.07 | 0.1  | 0.02  | 7    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114241 | 0.113 | 0.5 | 2.2  | 0.028 | 0.07 | 0.05 | 0.01  | 4.4  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114242 | 0.085 | 1   | 3.05 | 0.107 | 0.07 | 0.05 | 0.02  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114243 | 0.073 | 0.5 | 2.32 | 0.067 | 0.08 | 0.05 | 0.005 | 2.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114244 | 0.09  | 0.5 | 2.13 | 0.049 | 0.05 | 0.1  | 0.02  | 3.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114245 | 0.076 | 0.5 | 2.35 | 0.049 | 0.05 | 0.05 | 0.03  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114246 | 0.069 | 1   | 1.87 | 0.028 | 0.05 | 0.1  | 0.04  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114263 | 0.069 | 1   | 1.33 | 0.01  | 0.39 | 0.05 | 0.02  | 5.3  | 0.2  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000137 |
| BRW114263 | 0.067 | 0.5 | 1.33 | 0.01  | 0.38 | 0.05 | 0.02  | 5.2  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000137 |
| BRW114264 | 0.14  | 2   | 2.09 | 0.019 | 0.66 | 0.05 | 0.04  | 8.6  | 0.3  | 0.025 | 8  | 0.7  | 1DX15  | WHI10000137 |
| BRW114265 | 0.153 | 0.5 | 3.02 | 0.021 | 0.65 | 0.05 | 0.005 | 9.4  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW114266 | 0.236 | 1   | 2.83 | 0.018 | 0.92 | 0.05 | 0.01  | 4.5  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW114267 | 0.221 | 1   | 2.48 | 0.021 | 0.74 | 0.05 | 0.005 | 4.8  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW114268 | 0.009 | 1   | 0.45 | 0.004 | 0.09 | 0.05 | 0.02  | 4.1  | 0.1  | 0.025 | 2  | 0.8  | 1DX15  | WHI10000137 |
| BRW114269 | 0.206 | 0.5 | 2.93 | 0.008 | 1.01 | 0.05 | 0.005 | 4    | 0.6  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000137 |
| BRW114270 | 0.114 | 2   | 1.91 | 0.009 | 0.71 | 0.05 | 0.02  | 5.8  | 0.5  | 0.025 | 6  | 1    | 1DX15  | WHI10000137 |
| BRW114271 | 0.142 | 0.5 | 2.78 | 0.009 | 0.73 | 0.1  | 0.005 | 11.7 | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000137 |
| BRW114272 | 0.092 | 1   | 2.06 | 0.005 | 0.33 | 0.05 | 0.005 | 2.1  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|-------|------|
| BRW114273 | Soil | 600661     | 7003523    | 07V      | 1.5 | 38.9 | 18.4 | 93  | 0.1  | 31.7  | 10.3 |
| BRW114274 | Soil | 600698     | 7003553    | 07V      | 1.2 | 70   | 17.9 | 179 | 0.05 | 55.3  | 16.1 |
| BRW114275 | Soil | 600735     | 7003583    | 07V      | 1.1 | 48.2 | 12.6 | 105 | 0.05 | 31.1  | 13.5 |
| BRW114276 | Soil | 600775     | 7003612    | 07V      | 1.5 | 42.2 | 16.4 | 81  | 0.05 | 36.6  | 12.6 |
| BRW114277 | Soil | 600816     | 7003644    | 07V      | 1.3 | 48.2 | 29.2 | 100 | 0.05 | 44.6  | 13.9 |
| BRW114278 | Soil | 600854     | 7003675    | 07V      | 1.3 | 53.9 | 25.2 | 106 | 0.05 | 41.7  | 13.6 |
| BRW114279 | Soil | 600895     | 7003706    | 07V      | 1.9 | 52.2 | 15.1 | 100 | 0.1  | 44.8  | 13.1 |
| BRW114280 | Soil | 600934     | 7003741    | 07V      | 1.3 | 94.6 | 13.3 | 131 | 0.05 | 45    | 17.3 |
| BRW114281 | Soil | 600974     | 7003767    | 07V      | 1.4 | 74.7 | 13.3 | 170 | 0.05 | 30.4  | 12.1 |
| BRW114282 | Soil | 601012     | 7003799    | 07V      | 1   | 34.4 | 12.1 | 70  | 0.2  | 28.8  | 10.4 |
| BRW114283 | Soil | 601047     | 7003826    | 07V      | 0.7 | 39.9 | 11.4 | 61  | 0.2  | 35.5  | 12.3 |
| BRW114284 | Soil | 601085     | 7003855    | 07V      | 1   | 45.3 | 11.8 | 60  | 0.1  | 33.4  | 11.4 |
| BRW114285 | Soil | 601127     | 7003886    | 07V      | 0.7 | 35   | 8.9  | 59  | 0.1  | 27.8  | 9.9  |
| BRW114286 | Soil | 601167     | 7003919    | 07V      | 0.9 | 32.3 | 9.8  | 60  | 0.05 | 27.7  | 10.5 |
| BRW114287 | Soil | 601206     | 7003949    | 07V      | 0.9 | 32.1 | 13.3 | 56  | 0.1  | 31    | 11   |
| BRW114288 | Soil | 601245     | 7003980    | 07V      | 1.5 | 38   | 15.1 | 62  | 0.1  | 35.8  | 10.8 |
| BRW114289 | Soil | 601285     | 7004009    | 07V      | 0.9 | 36   | 13.4 | 67  | 0.1  | 31.4  | 11   |
| BRW114290 | Soil | 601323     | 7004042    | 07V      | 0.5 | 38.9 | 11.2 | 65  | 0.1  | 31.8  | 11.5 |
| BRW114291 | Soil | 601323     | 7004042    | 07V      | 0.5 | 38   | 11.8 | 61  | 0.1  | 30    | 11.3 |
| BRW114291 | REP  | 601323     | 7004042    | 07V      | 0.6 | 37.7 | 12.5 | 64  | 0.1  | 30.8  | 11.7 |
| BRW114292 | Soil | 601365     | 7004074    | 07V      | 1.1 | 26.6 | 24.1 | 124 | 0.05 | 48.1  | 19.8 |
| BRW114334 | Soil | 600274     | 7002460    | 07V      | 0.7 | 49.2 | 9.5  | 122 | 0.3  | 30.7  | 15.3 |
| BRW114338 | Soil | 600391     | 7002551    | 07V      | 0.8 | 36.4 | 9.2  | 47  | 0.05 | 30.1  | 9.7  |
| BRW114342 | Soil | 600549     | 7002677    | 07V      | 0.5 | 41   | 8.9  | 70  | 0.2  | 27.3  | 13.2 |
| BRW114344 | Soil | 600076     | 7003446    | 07V      | 1.6 | 50   | 13.2 | 95  | 0.2  | 39.4  | 15.2 |
| BRW114345 | Soil | 600115     | 7003478    | 07V      | 1.4 | 42.5 | 11.5 | 87  | 0.2  | 33.6  | 14.4 |
| BRW114346 | Soil | 600154     | 7003508    | 07V      | 1.3 | 28.6 | 6.2  | 64  | 0.1  | 29    | 19.4 |
| BRW114365 | Soil | 600902     | 7004093    | 07V      | 2.3 | 25.5 | 24.8 | 106 | 0.2  | 38.9  | 10.2 |
| BRW114366 | Soil | 600942     | 7004124    | 07V      | 0.9 | 35.8 | 17.5 | 69  | 0.05 | 33.9  | 12.5 |
| BRW114367 | Soil | 600978     | 7004154    | 07V      | 0.6 | 29.8 | 45.5 | 65  | 0.1  | 27.7  | 10.5 |
| BRW114368 | Soil | 601020     | 7004185    | 07V      | 0.6 | 33.6 | 77.9 | 70  | 0.2  | 25.9  | 10.7 |
| BRW114369 | Soil | 601059     | 7004217    | 07V      | 0.9 | 38.1 | 32.3 | 79  | 0.3  | 26.4  | 10.5 |
| BRW114371 | Soil | 601139     | 7004277    | 07V      | 0.6 | 22.1 | 9    | 71  | 0.1  | 25.1  | 8.1  |
| BRW114372 | Soil | 601177     | 7004310    | 07V      | 0.6 | 43.7 | 10   | 38  | 0.1  | 35.4  | 9.9  |
| BRW114373 | Soil | 601218     | 7004340    | 07V      | 1.9 | 38.2 | 11.6 | 160 | 0.4  | 57.8  | 13.6 |
| BRW114374 | Soil | 601218     | 7004340    | 07V      | 1.6 | 36.8 | 10.7 | 156 | 0.4  | 55.8  | 13.5 |
| BRW114375 | Soil | 601218     | 7004340    | 07V      | 1.7 | 38.4 | 10.7 | 157 | 0.4  | 58    | 14.2 |
| BRW114375 | REP  | 601218     | 7004340    | 07V      | 1.7 | 37   | 10.6 | 155 | 0.4  | 55    | 13.7 |
| BRW115505 | Soil | 600257     | 7003461    | 07V      | 1.5 | 35.7 | 5.6  | 72  | 0.05 | 46.6  | 20.5 |
| BRW115507 | Soil | 600337     | 7003525    | 07V      | 4.2 | 75.6 | 15   | 117 | 0.05 | 59.9  | 16.2 |
| BRW115510 | Soil | 600453     | 7003616    | 07V      | 1.6 | 43.1 | 20.4 | 148 | 0.05 | 36.9  | 11.6 |
| BRW115512 | Soil | 600532     | 7003678    | 07V      | 0.9 | 20.9 | 11.8 | 72  | 0.05 | 17.4  | 8.9  |
| BRW115513 | Soil | 600532     | 7003678    | 07V      | 1.2 | 23   | 14   | 77  | 0.05 | 17.9  | 9.1  |
| BRW115514 | Soil | 600573     | 7003710    | 07V      | 1.9 | 29.3 | 34.1 | 104 | 0.2  | 16.9  | 11.8 |
| BRW115515 | Soil | 600611     | 7003739    | 07V      | 1.1 | 22.4 | 24.8 | 307 | 0.3  | 33.8  | 8    |
| BRW115516 | Soil | 600650     | 7003769    | 07V      | 1.9 | 55.4 | 15   | 142 | 0.05 | 55    | 15.3 |
| BRW115517 | Soil | 600692     | 7003801    | 07V      | 1.8 | 42.5 | 30   | 108 | 0.05 | 19.7  | 8.4  |
| BRW115518 | Soil | 600729     | 7003832    | 07V      | 1.3 | 34.3 | 14.2 | 97  | 0.05 | 49.7  | 22.5 |
| BRW115518 | REP  | 600729     | 7003832    | 07V      | 1.3 | 33.1 | 14.6 | 96  | 0.05 | 47.9  | 21.3 |
| BRW115519 | Soil | 600770     | 7003863    | 07V      | 0.8 | 18.5 | 14.2 | 69  | 0.05 | 24    | 11   |
| BRW115520 | Soil | 600809     | 7003892    | 07V      | 0.8 | 37.4 | 18.9 | 91  | 0.05 | 46.2  | 16.5 |
| BRW115521 | Soil | 600849     | 7003925    | 07V      | 0.8 | 32.2 | 12.2 | 79  | 0.05 | 101.3 | 17   |
| BRW115522 | Soil | 600886     | 7003955    | 07V      | 1   | 63.9 | 10.7 | 76  | 0.2  | 41.7  | 16.9 |
| BRW115523 | Soil | 600925     | 7003983    | 07V      | 0.9 | 54.6 | 10.5 | 83  | 0.1  | 6.4   | 4.6  |
| BRW115524 | Soil | 600965     | 7004013    | 07V      | 0.9 | 62.7 | 17.8 | 105 | 0.05 | 64.5  | 14.8 |
| BRW115525 | Soil | 601004     | 7004044    | 07V      | 0.8 | 26.2 | 12.6 | 71  | 0.05 | 23.5  | 9.8  |
| BRW115526 | Soil | 601043     | 7004077    | 07V      | 1.4 | 41.5 | 36.7 | 67  | 0.1  | 37.3  | 11.1 |
| BRW115527 | Soil | 601083     | 7004106    | 07V      | 1.2 | 38   | 24.1 | 72  | 0.1  | 37.4  | 12.1 |
| BRW115528 | Soil | 601122     | 7004137    | 07V      | 0.6 | 38.8 | 16.7 | 65  | 0.1  | 31.6  | 12.2 |
| BRW115529 | Soil | 601159     | 7004169    | 07V      | 0.9 | 38   | 15.9 | 81  | 0.2  | 35.7  | 13.3 |
| BRW115530 | Soil | 601202     | 7004199    | 07V      | 0.8 | 40.4 | 16.5 | 86  | 0.2  | 34.7  | 12.8 |
| BRW115531 | Soil | 601241     | 7004232    | 07V      | 0.4 | 21.9 | 8.1  | 45  | 0.1  | 20.6  | 6.7  |
| BRW115532 | Soil | 601280     | 7004261    | 07V      | 3.1 | 24.9 | 19.8 | 153 | 0.05 | 46    | 10.3 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW114273 | 371  | 4.58 | 5.6  | 2   | 1.2  | 17.6 | 13 | 0.05 | 0.2  | 0.2  | 50  | 0.17 | 0.062 | 41 | 43  | 1.01 | 177 |
| BRW114274 | 473  | 4.75 | 12.5 | 1.5 | 2.7  | 14.7 | 12 | 0.1  | 0.2  | 0.1  | 51  | 0.21 | 0.05  | 27 | 62  | 1.5  | 162 |
| BRW114275 | 375  | 3.99 | 5.4  | 1.6 | 4.4  | 10.4 | 19 | 0.05 | 0.4  | 0.2  | 63  | 0.29 | 0.024 | 54 | 58  | 1.2  | 215 |
| BRW114276 | 344  | 3.57 | 25.4 | 0.9 | 2.1  | 8.8  | 19 | 0.05 | 1.2  | 0.1  | 69  | 0.33 | 0.054 | 23 | 47  | 0.84 | 222 |
| BRW114277 | 377  | 4.29 | 22.6 | 1.4 | 12.8 | 16.4 | 16 | 0.05 | 0.8  | 0.2  | 47  | 0.25 | 0.028 | 52 | 52  | 0.97 | 176 |
| BRW114278 | 488  | 4.17 | 9.6  | 1.3 | 0.25 | 11.8 | 13 | 0.05 | 0.2  | 0.3  | 58  | 0.35 | 0.07  | 23 | 55  | 1.72 | 248 |
| BRW114279 | 483  | 3.76 | 10.4 | 1.1 | 0.25 | 6.4  | 20 | 0.05 | 0.3  | 0.2  | 69  | 0.34 | 0.04  | 19 | 52  | 1.13 | 245 |
| BRW114280 | 571  | 4.34 | 93.2 | 1.1 | 3.3  | 10.3 | 10 | 0.1  | 4.4  | 0.2  | 89  | 0.2  | 0.037 | 46 | 77  | 2.33 | 240 |
| BRW114281 | 516  | 4.52 | 5.7  | 1   | 0.8  | 11.3 | 18 | 0.1  | 0.3  | 0.2  | 60  | 0.24 | 0.04  | 18 | 55  | 1.61 | 240 |
| BRW114282 | 401  | 3.05 | 9.5  | 1.1 | 2.7  | 7    | 24 | 0.05 | 0.4  | 0.2  | 56  | 0.45 | 0.058 | 25 | 46  | 0.82 | 240 |
| BRW114283 | 491  | 2.91 | 7.2  | 1.7 | 2.1  | 7.5  | 32 | 0.1  | 0.4  | 0.1  | 55  | 0.52 | 0.049 | 30 | 45  | 0.77 | 234 |
| BRW114284 | 391  | 2.93 | 10.7 | 1.1 | 3.4  | 7.3  | 26 | 0.05 | 0.6  | 0.2  | 55  | 0.44 | 0.033 | 22 | 38  | 0.59 | 244 |
| BRW114285 | 339  | 2.54 | 11   | 1.1 | 3    | 5.5  | 33 | 0.2  | 0.6  | 0.1  | 53  | 0.67 | 0.066 | 22 | 35  | 0.61 | 253 |
| BRW114286 | 296  | 2.81 | 10.2 | 1.1 | 4.4  | 5.6  | 24 | 0.05 | 0.6  | 0.2  | 64  | 0.42 | 0.027 | 21 | 40  | 0.56 | 250 |
| BRW114287 | 480  | 2.74 | 9.7  | 1   | 3.4  | 4.1  | 34 | 0.05 | 0.6  | 0.2  | 63  | 0.82 | 0.031 | 16 | 40  | 0.52 | 328 |
| BRW114288 | 394  | 2.74 | 10.6 | 0.7 | 3.1  | 4.3  | 26 | 0.2  | 0.8  | 0.2  | 61  | 0.71 | 0.037 | 16 | 43  | 0.48 | 278 |
| BRW114289 | 423  | 2.93 | 14.8 | 0.6 | 2.1  | 4    | 29 | 0.2  | 0.9  | 0.2  | 59  | 1.03 | 0.052 | 15 | 36  | 0.51 | 244 |
| BRW114290 | 464  | 2.86 | 15.6 | 0.9 | 3.2  | 3.9  | 30 | 0.3  | 0.8  | 0.1  | 58  | 0.95 | 0.065 | 15 | 34  | 0.53 | 273 |
| BRW114291 | 419  | 2.71 | 14.7 | 0.9 | 2.8  | 3.6  | 30 | 0.2  | 0.8  | 0.1  | 57  | 0.95 | 0.055 | 15 | 32  | 0.49 | 248 |
| BRW114291 | 411  | 2.76 | 15.5 | 1   | 3    | 3.9  | 31 | 0.2  | 0.8  | 0.2  | 58  | 0.97 | 0.059 | 17 | 34  | 0.51 | 256 |
| BRW114292 | 768  | 5.08 | 17.9 | 2.1 | 5.2  | 23.5 | 12 | 0.1  | 0.6  | 0.3  | 43  | 0.26 | 0.057 | 52 | 41  | 0.63 | 237 |
| BRW114334 | 246  | 2.39 | 5.6  | 1.1 | 2.9  | 3.8  | 47 | 0.8  | 0.3  | 0.1  | 62  | 0.69 | 0.057 | 18 | 33  | 0.7  | 283 |
| BRW114338 | 240  | 2.15 | 6    | 0.7 | 1.9  | 2.8  | 31 | 0.1  | 0.3  | 0.05 | 51  | 0.62 | 0.077 | 10 | 43  | 0.65 | 158 |
| BRW114342 | 635  | 3.28 | 5.7  | 1.1 | 5    | 4.7  | 27 | 0.1  | 0.3  | 0.1  | 78  | 1.1  | 0.113 | 24 | 36  | 0.97 | 289 |
| BRW114344 | 527  | 3.23 | 31.4 | 1.6 | 15.5 | 6.9  | 41 | 0.5  | 1.4  | 0.05 | 57  | 1.22 | 0.078 | 37 | 43  | 0.91 | 365 |
| BRW114345 | 606  | 3.19 | 18.8 | 1.5 | 6.6  | 6.5  | 38 | 0.3  | 1    | 0.05 | 60  | 1.15 | 0.082 | 34 | 40  | 0.87 | 343 |
| BRW114346 | 601  | 3.7  | 5.9  | 1   | 2.4  | 5    | 34 | 0.1  | 0.2  | 0.05 | 81  | 1.01 | 0.113 | 23 | 53  | 1.32 | 314 |
| BRW114365 | 829  | 4.47 | 150  | 1.1 | 3.7  | 3.9  | 24 | 0.5  | 2.8  | 0.2  | 66  | 0.28 | 0.069 | 11 | 47  | 0.42 | 202 |
| BRW114366 | 471  | 3    | 51.7 | 0.7 | 3.7  | 4    | 23 | 0.2  | 0.9  | 0.2  | 58  | 0.93 | 0.035 | 18 | 39  | 0.45 | 205 |
| BRW114367 | 457  | 2.61 | 33.6 | 0.7 | 3.7  | 2.6  | 28 | 0.3  | 1.1  | 0.2  | 48  | 1.83 | 0.06  | 15 | 33  | 0.43 | 205 |
| BRW114368 | 441  | 2.6  | 23.3 | 0.7 | 4.6  | 3.3  | 32 | 0.3  | 2.4  | 0.2  | 47  | 1.5  | 0.056 | 15 | 30  | 0.38 | 274 |
| BRW114369 | 541  | 2.51 | 18.8 | 1   | 4.8  | 2.7  | 36 | 0.4  | 3    | 0.2  | 38  | 1.73 | 0.078 | 16 | 22  | 0.27 | 373 |
| BRW114371 | 439  | 1.72 | 15   | 0.8 | 3.4  | 0.6  | 97 | 0.7  | 0.7  | 0.1  | 37  | 8.6  | 0.117 | 9  | 21  | 1.2  | 193 |
| BRW114372 | 232  | 2.24 | 16.4 | 0.4 | 3.2  | 2.7  | 55 | 0.1  | 0.6  | 0.2  | 55  | 3.25 | 0.036 | 18 | 29  | 0.56 | 193 |
| BRW114373 | 291  | 5.2  | 75.7 | 0.9 | 2.9  | 7.3  | 85 | 0.3  | 1.2  | 0.2  | 72  | 5.05 | 0.085 | 24 | 50  | 0.43 | 127 |
| BRW114374 | 283  | 4.93 | 73.5 | 0.9 | 2.5  | 7.3  | 79 | 0.3  | 1.2  | 0.2  | 72  | 4.75 | 0.078 | 23 | 48  | 0.42 | 123 |
| BRW114375 | 297  | 5.3  | 75.5 | 0.9 | 3    | 7.2  | 81 | 0.3  | 1.2  | 0.2  | 74  | 4.88 | 0.082 | 23 | 49  | 0.42 | 128 |
| BRW114375 | 296  | 5.27 | 73.7 | 0.9 | 2.4  | 7    | 82 | 0.3  | 1.2  | 0.2  | 73  | 4.69 | 0.081 | 23 | 47  | 0.41 | 126 |
| BRW115505 | 521  | 4.27 | 5.2  | 0.9 | 2    | 6.1  | 21 | 0.05 | 0.2  | 0.05 | 96  | 0.71 | 0.113 | 20 | 111 | 1.61 | 229 |
| BRW115507 | 898  | 4.29 | 18.2 | 2   | 2.1  | 24.3 | 22 | 0.1  | 0.6  | 0.05 | 66  | 0.16 | 0.054 | 69 | 50  | 0.5  | 191 |
| BRW115510 | 363  | 4.31 | 4.6  | 2.2 | 4    | 16.1 | 16 | 0.1  | 0.2  | 0.2  | 60  | 0.3  | 0.093 | 54 | 32  | 0.46 | 254 |
| BRW115512 | 561  | 3.31 | 1.9  | 1.2 | 2    | 9.5  | 17 | 0.05 | 0.05 | 0.05 | 55  | 0.43 | 0.042 | 31 | 74  | 1.53 | 246 |
| BRW115513 | 597  | 3.7  | 1.6  | 1.4 | 1.9  | 10   | 17 | 0.05 | 0.1  | 0.05 | 58  | 0.51 | 0.047 | 34 | 76  | 1.64 | 270 |
| BRW115514 | 443  | 4.3  | 2.7  | 2   | 1.5  | 7.5  | 69 | 0.05 | 0.3  | 0.2  | 104 | 0.33 | 0.055 | 25 | 53  | 0.73 | 212 |
| BRW115515 | 1781 | 3.09 | 18.2 | 1   | 5.4  | 3.9  | 86 | 1.4  | 1.2  | 0.1  | 53  | 8.75 | 0.108 | 15 | 26  | 3.58 | 304 |
| BRW115516 | 247  | 4.9  | 5.7  | 2.3 | 7.5  | 14.5 | 16 | 0.05 | 0.3  | 0.1  | 103 | 0.2  | 0.092 | 53 | 61  | 1.05 | 234 |
| BRW115517 | 569  | 4.92 | 30.9 | 2.1 | 2.8  | 14.5 | 9  | 0.2  | 2.4  | 0.2  | 46  | 0.1  | 0.034 | 25 | 25  | 0.41 | 208 |
| BRW115518 | 472  | 4.4  | 8.2  | 1.7 | 0.25 | 12.8 | 15 | 0.05 | 0.6  | 0.2  | 97  | 0.16 | 0.04  | 28 | 82  | 1.91 | 324 |
| BRW115518 | 462  | 4.37 | 8.1  | 1.8 | 3    | 12.7 | 15 | 0.05 | 0.6  | 0.2  | 94  | 0.15 | 0.04  | 26 | 82  | 1.95 | 301 |
| BRW115519 | 247  | 2.89 | 7.4  | 0.8 | 1.6  | 10.2 | 18 | 0.1  | 0.5  | 0.2  | 50  | 0.23 | 0.021 | 20 | 42  | 0.65 | 153 |
| BRW115520 | 340  | 4.56 | 19.6 | 1.2 | 1.7  | 12.5 | 12 | 0.05 | 1.1  | 0.2  | 54  | 0.16 | 0.032 | 19 | 50  | 0.95 | 125 |
| BRW115521 | 427  | 4.14 | 11.6 | 1   | 3.2  | 9.5  | 19 | 0.05 | 0.3  | 0.1  | 59  | 0.34 | 0.031 | 29 | 169 | 1.48 | 174 |
| BRW115522 | 642  | 4.65 | 8.1  | 1.1 | 2    | 5.9  | 12 | 0.05 | 0.4  | 0.2  | 78  | 0.25 | 0.032 | 21 | 95  | 1.37 | 203 |
| BRW115523 | 398  | 4.77 | 14   | 1   | 1.6  | 5.9  | 20 | 0.05 | 0.2  | 0.1  | 63  | 0.1  | 0.03  | 19 | 66  | 1.68 | 232 |
| BRW115524 | 487  | 3.57 | 28   | 1.2 | 5.6  | 10.9 | 20 | 0.2  | 1.2  | 0.2  | 54  | 0.56 | 0.144 | 33 | 52  | 0.82 | 219 |
| BRW115525 | 307  | 2.96 | 17.8 | 0.7 | 3.2  | 4.5  | 21 | 0.05 | 0.6  | 0.1  | 58  | 0.35 | 0.037 | 19 | 49  | 0.95 | 186 |
| BRW115526 | 393  | 2.85 | 30.9 | 0.8 | 5.2  | 5.2  | 30 | 0.3  | 2    | 0.2  | 59  | 1    | 0.046 | 20 | 42  | 0.55 | 196 |
| BRW115527 | 545  | 2.97 | 48.5 | 0.6 | 4    | 4.5  | 37 | 0.3  | 1.3  | 0.1  | 62  | 3.19 | 0.061 | 17 | 37  | 0.57 | 248 |
| BRW115528 | 472  | 2.88 | 27.2 | 0.6 | 3.5  | 4    | 29 | 0.2  | 1.1  | 0.2  | 62  | 1.12 | 0.054 | 16 | 36  | 0.54 | 326 |
| BRW115529 | 620  | 3.23 | 13.3 | 1   | 6.2  | 6.6  | 31 | 0.2  | 1.3  | 0.2  | 51  | 0.77 | 0.062 | 20 | 34  | 0.44 | 348 |
| BRW115530 | 429  | 3.23 | 11.8 | 1.2 | 6    | 6.9  | 36 | 0.2  | 1.4  | 0.3  | 49  | 0.87 | 0.067 | 22 | 31  | 0.4  | 286 |
| BRW115531 | 269  | 1.51 | 9.3  | 0.6 | 2    | 1.3  | 96 | 0.4  | 0.5  | 0.1  | 34  | 8.35 | 0.09  | 11 | 19  | 1.59 | 152 |
| BRW115532 | 212  | 3.04 | 90.1 | 0.9 | 3.1  | 5.9  | 32 | 0.3  | 1.5  | 0.3  | 56  | 1.73 | 0.025 | 14 | 34  | 0.15 | 92  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc  | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|-----|------|-------|----|------|--------|-------------|
| BRW114273 | 0.158 | 1   | 2.59 | 0.008 | 0.74 | 0.05 | 0.005 | 2.6 | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW114274 | 0.147 | 0.5 | 3.17 | 0.008 | 0.83 | 0.05 | 0.01  | 4.1 | 0.7  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW114275 | 0.17  | 0.5 | 2.7  | 0.014 | 0.46 | 0.05 | 0.01  | 4.9 | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW114276 | 0.111 | 1   | 1.85 | 0.009 | 0.3  | 0.05 | 0.01  | 4.2 | 0.3  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000137 |
| BRW114277 | 0.126 | 1   | 2.32 | 0.012 | 0.49 | 0.05 | 0.02  | 5.4 | 0.6  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW114278 | 0.179 | 0.5 | 3.2  | 0.015 | 0.93 | 0.05 | 0.005 | 3.6 | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW114279 | 0.137 | 0.5 | 2.13 | 0.01  | 0.47 | 0.05 | 0.005 | 4   | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000137 |
| BRW114280 | 0.155 | 2   | 3.66 | 0.021 | 1    | 0.05 | 0.25  | 9.6 | 0.8  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000137 |
| BRW114281 | 0.177 | 1   | 2.9  | 0.012 | 0.98 | 0.05 | 0.005 | 3.9 | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW114282 | 0.121 | 2   | 1.75 | 0.018 | 0.31 | 0.2  | 0.03  | 4.4 | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114283 | 0.114 | 2   | 1.78 | 0.023 | 0.29 | 0.1  | 0.03  | 4.5 | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000137 |
| BRW114284 | 0.109 | 1   | 1.54 | 0.02  | 0.22 | 0.1  | 0.05  | 4.8 | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000137 |
| BRW114285 | 0.097 | 1   | 1.41 | 0.028 | 0.14 | 0.1  | 0.05  | 3.8 | 0.1  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000137 |
| BRW114286 | 0.084 | 1   | 1.92 | 0.017 | 0.08 | 0.1  | 0.04  | 6   | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114287 | 0.084 | 2   | 1.78 | 0.029 | 0.07 | 0.1  | 0.04  | 5.1 | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000137 |
| BRW114288 | 0.089 | 1   | 1.77 | 0.024 | 0.07 | 0.2  | 0.06  | 5.2 | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114289 | 0.085 | 2   | 1.49 | 0.029 | 0.08 | 0.3  | 0.05  | 4.7 | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114290 | 0.082 | 2   | 1.53 | 0.029 | 0.1  | 0.3  | 0.06  | 4.7 | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114291 | 0.079 | 2   | 1.42 | 0.025 | 0.08 | 0.3  | 0.05  | 4.4 | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000137 |
| BRW114291 | 0.083 | 2   | 1.47 | 0.024 | 0.09 | 0.3  | 0.06  | 4.4 | 0.05 | 0.06  | 4  | 0.8  | 1DX15  | WHI10000137 |
| BRW114292 | 0.098 | 2   | 1.61 | 0.007 | 0.74 | 0.05 | 0.05  | 6.9 | 0.7  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW114334 | 0.073 | 1   | 2.05 | 0.021 | 0.07 | 0.05 | 0.05  | 5   | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW114338 | 0.077 | 1   | 1.65 | 0.034 | 0.07 | 0.1  | 0.03  | 4   | 0.05 | 0.05  | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114342 | 0.135 | 2   | 1.92 | 0.018 | 0.47 | 0.1  | 0.04  | 6.2 | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW114344 | 0.068 | 2   | 1.72 | 0.016 | 0.26 | 0.05 | 0.08  | 6.9 | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000137 |
| BRW114345 | 0.077 | 2   | 1.66 | 0.02  | 0.26 | 0.05 | 0.05  | 6.4 | 0.2  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000137 |
| BRW114346 | 0.12  | 1   | 1.94 | 0.018 | 0.57 | 0.05 | 0.03  | 7.6 | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW114365 | 0.045 | 2   | 1.34 | 0.01  | 0.1  | 0.3  | 0.08  | 6.6 | 0.4  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114366 | 0.052 | 2   | 1.55 | 0.019 | 0.08 | 0.1  | 0.1   | 6.7 | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000137 |
| BRW114367 | 0.049 | 3   | 1.37 | 0.02  | 0.06 | 0.2  | 0.09  | 5.4 | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114368 | 0.051 | 3   | 1.29 | 0.02  | 0.11 | 0.3  | 0.33  | 4.9 | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000137 |
| BRW114369 | 0.023 | 4   | 0.92 | 0.013 | 0.14 | 0.1  | 0.23  | 4.3 | 0.1  | 0.05  | 3  | 0.8  | 1DX15  | WHI10000137 |
| BRW114371 | 0.026 | 4   | 1.12 | 0.02  | 0.08 | 0.1  | 0.03  | 1.3 | 0.05 | 0.07  | 3  | 0.25 | 1DX15  | WHI10000137 |
| BRW114372 | 0.058 | 2   | 1.49 | 0.022 | 0.08 | 0.1  | 0.04  | 3.8 | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000137 |
| BRW114373 | 0.014 | 3   | 1.11 | 0.01  | 0.08 | 0.05 | 0.04  | 5.9 | 0.4  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW114374 | 0.014 | 2   | 1.1  | 0.01  | 0.07 | 0.05 | 0.05  | 5.5 | 0.4  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000137 |
| BRW114375 | 0.016 | 2   | 1.12 | 0.01  | 0.07 | 0.05 | 0.04  | 5.9 | 0.4  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000137 |
| BRW114375 | 0.016 | 2   | 1.1  | 0.008 | 0.07 | 0.05 | 0.05  | 5.7 | 0.4  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000137 |
| BRW115505 | 0.175 | 0.5 | 2.51 | 0.019 | 0.81 | 0.05 | 0.005 | 8.5 | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW115507 | 0.081 | 1   | 1.41 | 0.008 | 0.43 | 0.05 | 0.01  | 5.7 | 0.4  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000137 |
| BRW115510 | 0.048 | 0.5 | 1.41 | 0.007 | 0.4  | 0.05 | 0.005 | 6.2 | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW115512 | 0.121 | 0.5 | 2.52 | 0.012 | 0.66 | 0.1  | 0.005 | 6.6 | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW115513 | 0.132 | 0.5 | 2.66 | 0.012 | 0.71 | 0.1  | 0.02  | 7.3 | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000137 |
| BRW115514 | 0.193 | 0.5 | 2.49 | 0.012 | 0.46 | 0.05 | 0.01  | 5.2 | 0.3  | 0.23  | 8  | 0.5  | 1DX15  | WHI10000137 |
| BRW115515 | 0.013 | 2   | 1.18 | 0.012 | 0.07 | 0.2  | 0.14  | 5.1 | 0.1  | 0.07  | 4  | 0.8  | 1DX15  | WHI10000137 |
| BRW115516 | 0.145 | 1   | 2.48 | 0.012 | 0.89 | 0.05 | 0.005 | 7   | 0.7  | 0.025 | 8  | 1.1  | 1DX15  | WHI10000137 |
| BRW115517 | 0.079 | 2   | 1.53 | 0.009 | 0.38 | 0.1  | 0.04  | 7.7 | 0.3  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000137 |
| BRW115518 | 0.206 | 1   | 3.32 | 0.021 | 1.06 | 0.05 | 0.01  | 7.1 | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000137 |
| BRW115518 | 0.198 | 1   | 3.33 | 0.022 | 0.99 | 0.05 | 0.01  | 7.2 | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000137 |
| BRW115519 | 0.089 | 0.5 | 2.14 | 0.011 | 0.29 | 0.05 | 0.01  | 3.1 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW115520 | 0.127 | 2   | 2.56 | 0.011 | 0.64 | 0.05 | 0.005 | 4   | 0.6  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000137 |
| BRW115521 | 0.195 | 0.5 | 2.67 | 0.013 | 0.82 | 0.05 | 0.02  | 3.8 | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW115522 | 0.164 | 2   | 2.58 | 0.013 | 0.73 | 0.1  | 0.04  | 8.5 | 0.6  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000137 |
| BRW115523 | 0.222 | 0.5 | 2.92 | 0.019 | 0.99 | 0.05 | 0.005 | 7.4 | 0.5  | 0.34  | 10 | 1.2  | 1DX15  | WHI10000137 |
| BRW115524 | 0.1   | 1   | 1.79 | 0.016 | 0.34 | 0.1  | 0.04  | 5.7 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW115525 | 0.133 | 1   | 1.96 | 0.02  | 0.28 | 0.1  | 0.02  | 3.5 | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW115526 | 0.08  | 2   | 1.44 | 0.031 | 0.09 | 0.6  | 0.09  | 6   | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW115527 | 0.072 | 1   | 1.52 | 0.03  | 0.07 | 0.6  | 0.06  | 5.6 | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW115528 | 0.079 | 2   | 1.74 | 0.03  | 0.06 | 0.2  | 0.08  | 5.3 | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW115529 | 0.061 | 3   | 1.38 | 0.024 | 0.19 | 0.2  | 0.13  | 5   | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW115530 | 0.046 | 3   | 1.31 | 0.02  | 0.19 | 0.1  | 0.21  | 5.4 | 0.2  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000137 |
| BRW115531 | 0.041 | 4   | 1.02 | 0.03  | 0.08 | 0.1  | 0.03  | 2.2 | 0.05 | 0.025 | 3  | 0.7  | 1DX15  | WHI10000137 |
| BRW115532 | 0.003 | 2   | 1.08 | 0.008 | 0.12 | 0.05 | 0.04  | 9.2 | 0.2  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000137 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb    | Zn   | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|-------|------|------|-------|------|
| BRW115643 | Soil | 600159     | 7003257    | 07V      | 3.4  | 73.7  | 15.4  | 126  | 0.3  | 59.2  | 17   |
| BRW115644 | Soil | 600200     | 7003291    | 07V      | 4.5  | 49.2  | 9.4   | 90   | 0.2  | 30.3  | 11.6 |
| BRW115645 | Soil | 600240     | 7003320    | 07V      | 7.6  | 33.9  | 5.6   | 129  | 0.1  | 31.3  | 23.5 |
| BRW115646 | Soil | 600278     | 7003351    | 07V      | 1.8  | 33    | 8.6   | 76   | 0.1  | 18.9  | 12.7 |
| BRW115647 | Soil | 600319     | 7003384    | 07V      | 4.8  | 34.1  | 5.6   | 82   | 0.1  | 59.3  | 23.7 |
| BRW115648 | Soil | 600358     | 7003411    | 07V      | 4.9  | 50.8  | 14.4  | 78   | 0.05 | 53    | 18.9 |
| BRW115649 | Soil | 600398     | 7003444    | 07V      | 3.8  | 62.8  | 11.8  | 73   | 0.2  | 45.9  | 16.4 |
| BRW115650 | Soil | 600437     | 7003475    | 07V      | 1.4  | 29.3  | 10.8  | 73   | 0.1  | 30    | 12.5 |
| BRW115651 | Soil | 600477     | 7003506    | 07V      | 2    | 54.1  | 15.1  | 94   | 0.05 | 41.9  | 13.3 |
| BRW115652 | Soil | 600516     | 7003539    | 07V      | 0.7  | 39.1  | 11.3  | 150  | 0.05 | 10.5  | 8.7  |
| BRW115655 | Soil | 600594     | 7003599    | 07V      | 2    | 24    | 6.5   | 82   | 0.05 | 11.6  | 6.7  |
| BRW115667 | Soil | 601066     | 7003968    | 07V      | 2.1  | 51.7  | 14.9  | 81   | 0.2  | 42.8  | 12.3 |
| BRW115668 | Soil | 601103     | 7003999    | 07V      | 1.6  | 50.2  | 22    | 78   | 0.2  | 43.9  | 14.7 |
| BRW115669 | Soil | 601149     | 7004029    | 07V      | 0.9  | 26.1  | 12.7  | 54   | 0.05 | 29    | 9.9  |
| BRW115670 | Soil | 601183     | 7004058    | 07V      | 0.6  | 42.6  | 13.3  | 71   | 0.1  | 34.5  | 11.1 |
| BRW115671 | Soil | 601223     | 7004090    | 07V      | 0.9  | 40.7  | 21.1  | 67   | 0.2  | 33.7  | 11.3 |
| BRW115672 | Soil | 601263     | 7004121    | 07V      | 1.2  | 37.8  | 21.1  | 67   | 0.1  | 36.3  | 12.7 |
| BRW115675 | Soil | 601338     | 7004183    | 07V      | 1.3  | 33.6  | 29.4  | 85   | 0.3  | 72.2  | 20.2 |
| BRW115675 | REP  | 601338     | 7004183    | 07V      | 1.3  | 34.4  | 29.9  | 81   | 0.3  | 72.1  | 20.2 |
| BRW115803 | Soil | 600823     | 7002000    | 07V      | 1    | 72.5  | 9.2   | 153  | 0.05 | 75    | 22.4 |
| BRW117780 | Soil | 600556     | 7003318    | 07V      | 1.8  | 71.9  | 13.4  | 147  | 0.05 | 87.5  | 21.3 |
| BRW117781 | Soil | 600597     | 7003349    | 07V      | 0.7  | 66.6  | 101.2 | 1190 | 0.2  | 28.4  | 13.4 |
| BRW117782 | Soil | 600639     | 7003379    | 07V      | 18.4 | 75.8  | 15.3  | 190  | 0.05 | 60.4  | 14.4 |
| BRW117785 | Soil | 600754     | 7003471    | 07V      | 3.3  | 37    | 16.7  | 97   | 0.05 | 31.6  | 11.9 |
| BRW117786 | Soil | 600793     | 7003500    | 07V      | 0.5  | 36.5  | 4.9   | 52   | 0.05 | 46.3  | 26.3 |
| BRW117787 | Soil | 600836     | 7003532    | 07V      | 1.5  | 50.1  | 29.1  | 161  | 0.05 | 45.4  | 20.4 |
| BRW117798 | Soil | 601267     | 7003870    | 07V      | 1    | 32.2  | 10.7  | 59   | 0.05 | 27.4  | 11.1 |
| BRW117801 | Soil | 601386     | 7003964    | 07V      | 0.6  | 37.6  | 13.2  | 58   | 0.1  | 29.5  | 10.5 |
| BRW117802 | Soil | 601425     | 7003992    | 07V      | 1.2  | 40.2  | 28.1  | 85   | 0.05 | 40.5  | 11.6 |
| BRW117803 | Soil | 601425     | 7003992    | 07V      | 1.6  | 43.5  | 35.4  | 100  | 0.05 | 47.3  | 11.6 |
| BRW117804 | Soil | 601455     | 7004037    | 07V      | 1.1  | 33.4  | 14.1  | 88   | 0.05 | 31.5  | 11.4 |
| BRW117804 | REP  | 601455     | 7004037    | 07V      | 1.1  | 34    | 14.3  | 89   | 0.05 | 32    | 11.3 |
| BRW117805 | Soil | 601455     | 7004037    | 07V      | 1.2  | 35.1  | 15.7  | 93   | 0.05 | 33    | 11.7 |
| BRW90588  | Soil | 599431     | 7001674    | 07V      | 0.5  | 98.1  | 2.4   | 78   | 0.05 | 27.1  | 20.6 |
| BRW90589  | Soil | 599473     | 7001707    | 07V      | 1    | 30.5  | 6.9   | 44   | 0.05 | 74    | 13.3 |
| BRW90590  | Soil | 599510     | 7001739    | 07V      | 0.6  | 40.3  | 4     | 41   | 0.05 | 35.3  | 12.2 |
| BRW90591  | Soil | 599551     | 7001768    | 07V      | 1.1  | 39    | 7.5   | 49   | 0.05 | 67.3  | 14.6 |
| BRW90592  | Soil | 599590     | 7001798    | 07V      | 0.6  | 37.9  | 5.7   | 55   | 0.05 | 17.4  | 14.2 |
| BRW90593  | Soil | 599628     | 7001831    | 07V      | 1.2  | 62    | 2.9   | 93   | 0.05 | 32.7  | 25.3 |
| BRW90594  | Soil | 599669     | 7001859    | 07V      | 1.4  | 52.4  | 5.6   | 100  | 0.05 | 51.8  | 25.6 |
| BRW90596  | Soil | 599748     | 7001923    | 07V      | 0.7  | 11.8  | 12.5  | 53   | 0.05 | 5.6   | 6.1  |
| BRW90598  | Soil | 599828     | 7001984    | 07V      | 1.3  | 224.2 | 4.2   | 115  | 0.05 | 53.5  | 20.1 |
| BRW90599  | Soil | 599868     | 7002016    | 07V      | 0.5  | 70.3  | 6.9   | 47   | 0.05 | 23.2  | 18   |
| BRW90601  | Soil | 599941     | 7002073    | 07V      | 0.2  | 18.6  | 2.9   | 92   | 0.05 | 16.1  | 22   |
| BRW90602  | Soil | 599981     | 7002105    | 07V      | 0.2  | 99.2  | 1.5   | 30   | 0.05 | 114.3 | 22.8 |
| BRW90604  | Soil | 600060     | 7002167    | 07V      | 1.5  | 33    | 5.8   | 99   | 0.05 | 47.1  | 18.4 |
| BRW90605  | Soil | 600098     | 7002197    | 07V      | 1.4  | 30.5  | 11.3  | 57   | 0.05 | 15.8  | 7.5  |
| BRW90607  | Soil | 600178     | 7002259    | 07V      | 1.6  | 61.9  | 23.9  | 156  | 0.05 | 46.8  | 14.9 |
| BRW90608  | Soil | 600217     | 7002289    | 07V      | 1.1  | 66    | 14.3  | 140  | 0.05 | 49.4  | 16.4 |
| BRW90609  | Soil | 600257     | 7002320    | 07V      | 0.9  | 39    | 14.9  | 180  | 0.05 | 27.5  | 13.6 |
| BRW90610  | Soil | 600296     | 7002351    | 07V      | 0.8  | 35.2  | 9.9   | 80   | 0.05 | 26.9  | 12.3 |
| BRW90611  | Soil | 600335     | 7002382    | 07V      | 0.2  | 45.4  | 6.2   | 47   | 0.05 | 31.1  | 15.8 |
| BRW90612  | Soil | 600376     | 7002413    | 07V      | 0.8  | 36.6  | 8.2   | 62   | 0.1  | 25.3  | 13.3 |
| BRW90618  | Soil | 600613     | 7002595    | 07V      | 0.4  | 31.7  | 5     | 47   | 0.05 | 24.4  | 12.7 |
| BRW90621  | Soil | 599688     | 7001748    | 07V      | 1.1  | 81.2  | 9.2   | 105  | 0.05 | 37.7  | 20.7 |
| BRW90628  | Soil | 600358     | 7002273    | 07V      | 1.5  | 80.4  | 21.8  | 697  | 0.05 | 71.1  | 13.7 |
| BRW90629  | Soil | 600318     | 7002241    | 07V      | 1.2  | 50.4  | 13    | 74   | 0.05 | 48.8  | 12   |
| BRW90636  | Soil | 600595     | 7002458    | 07V      | 0.7  | 40    | 6.7   | 47   | 0.05 | 32    | 12.1 |
| BRW90637  | Soil | 600555     | 7002428    | 07V      | 0.3  | 51.7  | 6.2   | 56   | 0.05 | 41.9  | 19.4 |
| BRW90638  | Soil | 600515     | 7002396    | 07V      | 0.4  | 53.3  | 3.4   | 83   | 0.05 | 49.2  | 19.1 |
| BRW90640  | Soil | 600437     | 7002336    | 07V      | 0.4  | 33.2  | 4.9   | 34   | 0.05 | 23.1  | 14   |
| BRW90641  | Soil | 600397     | 7002305    | 07V      | 0.8  | 51.5  | 8.6   | 64   | 0.05 | 32.3  | 13.8 |
| BRW93456  | Soil | 601402     | 7004104    | 07V      | 1    | 50.3  | 13.3  | 119  | 0.1  | 45.1  | 17   |

| SampleID  | Mn   | Fe   | As_  | U    | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba   |
|-----------|------|------|------|------|------|------|-----|------|------|------|-----|------|-------|-----|-----|------|------|
| BRW115643 | 729  | 3.22 | 28.8 | 1.4  | 3.4  | 6.2  | 43  | 0.6  | 1    | 0.05 | 62  | 0.92 | 0.085 | 22  | 36  | 0.72 | 275  |
| BRW115644 | 322  | 3.74 | 6.7  | 3.4  | 2.6  | 13.2 | 33  | 0.2  | 0.3  | 0.05 | 63  | 1.27 | 0.041 | 45  | 36  | 0.67 | 406  |
| BRW115645 | 609  | 5.67 | 3.8  | 1.2  | 0.25 | 15   | 16  | 0.1  | 0.1  | 0.05 | 93  | 0.5  | 0.079 | 46  | 57  | 1.37 | 402  |
| BRW115646 | 303  | 3.38 | 3.9  | 0.8  | 12.8 | 5.8  | 19  | 0.05 | 0.2  | 0.05 | 63  | 0.64 | 0.123 | 35  | 27  | 0.88 | 214  |
| BRW115647 | 748  | 4.56 | 6    | 1.2  | 15.1 | 6.5  | 23  | 0.1  | 0.2  | 0.05 | 101 | 0.67 | 0.137 | 27  | 181 | 1.72 | 297  |
| BRW115648 | 838  | 4.02 | 24   | 1.1  | 3    | 13.8 | 32  | 0.05 | 0.5  | 0.1  | 76  | 0.34 | 0.042 | 25  | 116 | 0.65 | 299  |
| BRW115649 | 609  | 3.63 | 9.5  | 1.2  | 2.2  | 5.3  | 16  | 0.1  | 0.5  | 0.1  | 69  | 0.16 | 0.043 | 15  | 51  | 0.5  | 219  |
| BRW115650 | 276  | 3.17 | 9.5  | 1.1  | 3.6  | 8.5  | 24  | 0.05 | 0.5  | 0.2  | 68  | 0.34 | 0.045 | 20  | 47  | 0.65 | 289  |
| BRW115651 | 319  | 3.82 | 7.8  | 1.6  | 2    | 14.6 | 15  | 0.1  | 0.5  | 0.2  | 81  | 0.34 | 0.123 | 29  | 46  | 0.77 | 369  |
| BRW115652 | 715  | 5.93 | 2.7  | 1.1  | 0.25 | 12.6 | 9   | 0.05 | 0.2  | 0.05 | 44  | 0.23 | 0.086 | 22  | 27  | 1.21 | 212  |
| BRW115655 | 317  | 3.55 | 6.1  | 1.3  | 1.3  | 8.7  | 12  | 0.05 | 0.3  | 0.05 | 31  | 0.13 | 0.017 | 17  | 19  | 0.63 | 200  |
| BRW115667 | 598  | 2.94 | 11.2 | 0.9  | 18.5 | 5.5  | 51  | 0.2  | 0.6  | 0.2  | 61  | 4.29 | 0.051 | 20  | 49  | 0.71 | 232  |
| BRW115668 | 712  | 3.22 | 12.8 | 0.7  | 4.3  | 5.1  | 30  | 0.2  | 0.8  | 0.2  | 65  | 0.64 | 0.044 | 19  | 48  | 0.52 | 271  |
| BRW115669 | 292  | 2.82 | 14.7 | 1    | 2    | 4.4  | 24  | 0.1  | 0.7  | 0.1  | 55  | 1.49 | 0.028 | 14  | 38  | 0.43 | 213  |
| BRW115670 | 495  | 2.61 | 23.2 | 0.9  | 4    | 2.4  | 34  | 0.4  | 0.8  | 0.2  | 48  | 2.32 | 0.074 | 17  | 37  | 0.59 | 271  |
| BRW115671 | 466  | 2.9  | 24.2 | 0.8  | 5.4  | 3.4  | 30  | 0.3  | 1.4  | 0.2  | 55  | 1.17 | 0.06  | 15  | 35  | 0.51 | 320  |
| BRW115672 | 463  | 3.03 | 15   | 0.8  | 4.9  | 6.8  | 25  | 0.1  | 0.8  | 0.3  | 62  | 0.62 | 0.027 | 23  | 39  | 0.53 | 298  |
| BRW115675 | 720  | 4.24 | 20   | 1.6  | 6.2  | 13.6 | 24  | 0.2  | 0.8  | 0.3  | 41  | 0.33 | 0.068 | 39  | 54  | 0.5  | 257  |
| BRW115675 | 729  | 4.22 | 20   | 1.6  | 4.5  | 13.5 | 24  | 0.2  | 0.8  | 0.3  | 41  | 0.33 | 0.068 | 38  | 53  | 0.51 | 260  |
| BRW115803 | 369  | 4.26 | 15.7 | 1.1  | 3.6  | 7.6  | 29  | 0.2  | 0.1  | 0.05 | 146 | 0.41 | 0.077 | 27  | 96  | 1.5  | 544  |
| BRW117780 | 1099 | 5.49 | 72.1 | 3.5  | 15.6 | 10.9 | 21  | 0.3  | 1.1  | 0.1  | 105 | 0.27 | 0.081 | 34  | 65  | 1.27 | 523  |
| BRW117781 | 985  | 4.65 | 40.1 | 1.7  | 4.3  | 8.6  | 19  | 5.3  | 0.6  | 0.3  | 33  | 0.46 | 0.144 | 15  | 21  | 0.13 | 213  |
| BRW117782 | 540  | 5.67 | 2.4  | 2.1  | 4.4  | 18.7 | 17  | 0.05 | 0.3  | 0.1  | 117 | 0.39 | 0.133 | 49  | 61  | 0.72 | 665  |
| BRW117785 | 429  | 3.91 | 11.3 | 1.2  | 1.9  | 10.9 | 20  | 0.05 | 0.4  | 0.2  | 51  | 0.34 | 0.046 | 39  | 49  | 0.78 | 182  |
| BRW117786 | 851  | 3.75 | 2.7  | 0.3  | 1.4  | 2.7  | 17  | 0.05 | 0.05 | 0.05 | 95  | 0.49 | 0.08  | 10  | 163 | 1.7  | 261  |
| BRW117787 | 820  | 4.6  | 5    | 1.2  | 0.8  | 11.5 | 15  | 0.1  | 0.1  | 0.2  | 64  | 0.36 | 0.118 | 32  | 66  | 1.46 | 237  |
| BRW117798 | 435  | 2.68 | 14.6 | 1.5  | 4    | 4.7  | 26  | 0.1  | 0.6  | 0.1  | 51  | 0.46 | 0.047 | 17  | 36  | 0.52 | 251  |
| BRW117801 | 409  | 2.57 | 14.4 | 1.1  | 3.1  | 3.6  | 27  | 0.2  | 0.9  | 0.2  | 50  | 1.02 | 0.055 | 14  | 33  | 0.43 | 247  |
| BRW117802 | 798  | 3.39 | 61.9 | 0.6  | 2.8  | 4.2  | 26  | 0.6  | 1.5  | 0.2  | 61  | 1.13 | 0.059 | 17  | 38  | 0.45 | 256  |
| BRW117803 | 918  | 3.6  | 79.2 | 0.7  | 2.2  | 4.5  | 25  | 0.8  | 1.9  | 0.2  | 64  | 1.36 | 0.069 | 17  | 41  | 0.43 | 253  |
| BRW117804 | 341  | 3.3  | 13.8 | 1    | 2.3  | 9.1  | 20  | 0.1  | 0.6  | 0.2  | 62  | 0.55 | 0.08  | 18  | 36  | 0.55 | 253  |
| BRW117804 | 348  | 3.31 | 13.9 | 1    | 3.7  | 9.1  | 20  | 0.2  | 0.5  | 0.2  | 61  | 0.55 | 0.08  | 18  | 36  | 0.56 | 253  |
| BRW117805 | 354  | 3.42 | 13.7 | 1.1  | 4.4  | 9.9  | 20  | 0.1  | 0.6  | 0.2  | 63  | 0.54 | 0.084 | 19  | 37  | 0.56 | 257  |
| BRW90588  | 455  | 4.16 | 1.8  | 0.4  | 0.6  | 2.7  | 60  | 0.05 | 0.1  | 0.05 | 102 | 0.97 | 0.133 | 7   | 34  | 1.44 | 393  |
| BRW90589  | 225  | 2.57 | 6.3  | 0.5  | 0.25 | 2.4  | 33  | 0.05 | 0.3  | 0.1  | 63  | 0.43 | 0.037 | 9   | 152 | 1.08 | 192  |
| BRW90590  | 240  | 2.26 | 3.9  | 0.5  | 1.5  | 2.5  | 44  | 0.05 | 0.2  | 0.05 | 62  | 0.58 | 0.062 | 9   | 68  | 0.85 | 158  |
| BRW90591  | 326  | 2.69 | 4.4  | 0.6  | 3.9  | 2.8  | 43  | 0.05 | 0.2  | 0.05 | 69  | 0.63 | 0.06  | 10  | 135 | 1.13 | 210  |
| BRW90592  | 446  | 3.43 | 4.8  | 0.7  | 3.6  | 2.5  | 46  | 0.05 | 0.2  | 0.05 | 96  | 0.86 | 0.122 | 11  | 29  | 0.77 | 185  |
| BRW90593  | 686  | 5.76 | 4.1  | 0.6  | 0.7  | 3    | 64  | 0.1  | 0.1  | 0.05 | 177 | 1.31 | 0.092 | 15  | 56  | 1.7  | 297  |
| BRW90594  | 724  | 5.82 | 4.8  | 1.3  | 1.8  | 13.2 | 55  | 0.1  | 0.5  | 0.05 | 123 | 0.82 | 0.088 | 29  | 120 | 1.94 | 250  |
| BRW90596  | 255  | 2.04 | 1.5  | 0.2  | 1    | 0.7  | 73  | 0.05 | 0.05 | 0.05 | 31  | 1.12 | 0.041 | 3   | 9   | 0.59 | 88   |
| BRW90598  | 491  | 7.75 | 77.8 | 2.3  | 0.8  | 41.6 | 48  | 0.3  | 0.6  | 0.05 | 126 | 1.06 | 0.268 | 155 | 92  | 1.29 | 574  |
| BRW90599  | 425  | 2.6  | 2.5  | 0.9  | 0.25 | 6.9  | 156 | 0.05 | 0.2  | 0.05 | 59  | 1.76 | 0.055 | 10  | 57  | 0.86 | 256  |
| BRW90601  | 743  | 5.24 | 0.25 | 0.3  | 0.8  | 4.1  | 43  | 0.05 | 0.05 | 0.05 | 82  | 0.83 | 0.13  | 12  | 22  | 1.25 | 331  |
| BRW90602  | 229  | 1.84 | 0.6  | 0.05 | 0.25 | 0.4  | 23  | 0.05 | 0.05 | 0.05 | 31  | 0.34 | 0.002 | 2   | 58  | 1.94 | 75   |
| BRW90604  | 617  | 3.77 | 0.7  | 1    | 1.4  | 18   | 8   | 0.05 | 0.1  | 0.05 | 40  | 0.24 | 0.079 | 43  | 30  | 0.08 | 127  |
| BRW90605  | 276  | 3.27 | 8.5  | 1.6  | 0.9  | 17.6 | 16  | 0.1  | 0.3  | 0.1  | 54  | 0.17 | 0.128 | 114 | 26  | 0.35 | 151  |
| BRW90607  | 853  | 4.16 | 5.2  | 1.7  | 2.9  | 17.7 | 17  | 0.1  | 0.05 | 0.05 | 47  | 0.27 | 0.099 | 51  | 32  | 0.28 | 192  |
| BRW90608  | 460  | 4.18 | 12.4 | 1.6  | 10.6 | 11.5 | 29  | 0.05 | 0.1  | 0.1  | 65  | 0.33 | 0.054 | 36  | 50  | 1.19 | 322  |
| BRW90609  | 324  | 3.34 | 5.6  | 0.9  | 2.8  | 5.8  | 32  | 0.2  | 0.3  | 0.1  | 73  | 0.31 | 0.046 | 19  | 41  | 0.86 | 308  |
| BRW90610  | 222  | 2.6  | 4.7  | 1    | 2    | 5.6  | 32  | 0.1  | 0.3  | 0.1  | 56  | 0.39 | 0.036 | 18  | 35  | 0.78 | 244  |
| BRW90611  | 165  | 1.76 | 1.4  | 0.5  | 1.6  | 5.6  | 66  | 0.05 | 0.05 | 0.05 | 51  | 1.16 | 0.074 | 14  | 31  | 1.06 | 101  |
| BRW90612  | 278  | 2.52 | 6.4  | 1    | 3.8  | 5.2  | 38  | 0.2  | 0.4  | 0.1  | 60  | 0.59 | 0.053 | 17  | 32  | 0.66 | 229  |
| BRW90618  | 327  | 2.5  | 4.7  | 0.6  | 3.3  | 3.3  | 30  | 0.05 | 0.2  | 0.05 | 64  | 0.64 | 0.087 | 12  | 35  | 0.76 | 173  |
| BRW90621  | 558  | 5.05 | 6.1  | 0.9  | 1    | 4.7  | 165 | 0.05 | 0.1  | 0.05 | 148 | 1.3  | 0.109 | 17  | 63  | 1.79 | 442  |
| BRW90628  | 306  | 4    | 13.2 | 1.6  | 5.5  | 9.5  | 37  | 0.9  | 0.1  | 0.2  | 129 | 0.44 | 0.049 | 30  | 73  | 1.44 | 1017 |
| BRW90629  | 246  | 3.17 | 2.7  | 1.6  | 1.1  | 12.3 | 38  | 0.05 | 0.2  | 0.05 | 49  | 0.32 | 0.056 | 32  | 36  | 0.58 | 273  |
| BRW90636  | 237  | 2.36 | 4.9  | 0.8  | 2.3  | 3.6  | 27  | 0.05 | 0.3  | 0.1  | 57  | 0.58 | 0.091 | 12  | 37  | 0.75 | 179  |
| BRW90637  | 469  | 3.48 | 0.9  | 0.8  | 0.25 | 4.7  | 26  | 0.05 | 0.05 | 0.05 | 69  | 1.29 | 0.336 | 11  | 26  | 1.59 | 197  |
| BRW90638  | 368  | 3.14 | 1.3  | 0.4  | 1.8  | 1.4  | 22  | 0.05 | 0.05 | 0.05 | 56  | 0.81 | 0.209 | 5   | 95  | 1.67 | 209  |
| BRW90640  | 153  | 1.68 | 2.3  | 0.7  | 1.9  | 3    | 48  | 0.05 | 0.2  | 0.05 | 48  | 0.61 | 0.018 | 8   | 27  | 0.76 | 149  |
| BRW90641  | 237  | 2.46 | 6.2  | 1.2  | 3.2  | 5.6  | 41  | 0.05 | 0.4  | 0.1  | 60  | 0.53 | 0.023 | 17  | 40  | 0.6  | 214  |
| BRW93456  | 381  | 4.07 | 8.2  | 1.8  | 5.9  | 25.1 | 14  | 0.1  | 0.5  | 0.2  | 36  | 0.29 | 0.081 | 59  | 32  | 0.69 | 199  |

| SampleID  | Ti     | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|--------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW115643 | 0.053  | 3   | 1.56 | 0.015 | 0.1  | 0.05 | 0.08  | 5.9  | 0.2  | 0.025 | 5  | 1.1  | 1DX15  | WHI10000137 |
| BRW115644 | 0.086  | 2   | 1.57 | 0.015 | 0.49 | 0.05 | 0.04  | 7.1  | 0.3  | 0.025 | 6  | 1.2  | 1DX15  | WHI10000137 |
| BRW115645 | 0.165  | 0.5 | 2.63 | 0.014 | 1.23 | 0.05 | 0.01  | 11.3 | 0.5  | 0.025 | 9  | 1.1  | 1DX15  | WHI10000137 |
| BRW115646 | 0.138  | 1   | 2.01 | 0.016 | 0.6  | 0.05 | 0.03  | 4.8  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW115647 | 0.147  | 0.5 | 2.44 | 0.018 | 0.57 | 0.05 | 0.02  | 9.2  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW115648 | 0.051  | 2   | 1.66 | 0.009 | 0.2  | 0.05 | 0.01  | 6.6  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000137 |
| BRW115649 | 0.06   | 0.5 | 2.06 | 0.009 | 0.16 | 0.05 | 0.01  | 6.3  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000137 |
| BRW115650 | 0.105  | 1   | 1.92 | 0.018 | 0.18 | 0.1  | 0.02  | 4    | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW115651 | 0.145  | 1   | 1.95 | 0.01  | 0.71 | 0.05 | 0.01  | 4.6  | 0.5  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000137 |
| BRW115652 | 0.297  | 1   | 3.11 | 0.011 | 1.43 | 0.2  | 0.005 | 9.8  | 0.9  | 0.025 | 16 | 0.25 | 1DX15  | WHI10000137 |
| BRW115655 | 0.169  | 0.5 | 2.11 | 0.011 | 0.58 | 0.2  | 0.005 | 5.6  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW115667 | 0.065  | 4   | 1.62 | 0.02  | 0.1  | 0.2  | 0.07  | 6.9  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW115668 | 0.077  | 2   | 1.84 | 0.025 | 0.1  | 0.2  | 0.1   | 6    | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW115669 | 0.071  | 1   | 1.46 | 0.017 | 0.06 | 0.4  | 0.03  | 5.1  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW115670 | 0.059  | 4   | 1.41 | 0.02  | 0.09 | 0.2  | 0.08  | 4.5  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000137 |
| BRW115671 | 0.058  | 3   | 1.41 | 0.021 | 0.08 | 0.3  | 0.15  | 5    | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000137 |
| BRW115672 | 0.092  | 1   | 1.81 | 0.024 | 0.14 | 0.1  | 0.06  | 5.2  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW115675 | 0.047  | 2   | 1.39 | 0.01  | 0.45 | 0.1  | 0.05  | 5.9  | 0.7  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW115675 | 0.046  | 3   | 1.4  | 0.01  | 0.45 | 0.1  | 0.06  | 5.8  | 0.7  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW115803 | 0.142  | 0.5 | 2.91 | 0.015 | 0.72 | 0.05 | 0.005 | 8    | 0.3  | 0.025 | 12 | 0.7  | 1DX15  | WHI10000137 |
| BRW117780 | 0.115  | 2   | 2.67 | 0.009 | 0.99 | 0.05 | 0.02  | 10.3 | 0.6  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000137 |
| BRW117781 | 0.0005 | 2   | 0.75 | 0.005 | 0.14 | 0.05 | 0.05  | 11.8 | 0.3  | 0.025 | 2  | 0.25 | 1DX15  | WHI10000137 |
| BRW117782 | 0.06   | 2   | 1.89 | 0.008 | 0.64 | 0.05 | 0.005 | 10.8 | 0.6  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000137 |
| BRW117785 | 0.108  | 0.5 | 2.21 | 0.011 | 0.44 | 0.1  | 0.005 | 4.2  | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000137 |
| BRW117786 | 0.183  | 0.5 | 2.44 | 0.018 | 1.14 | 0.2  | 0.005 | 6.4  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW117787 | 0.196  | 0.5 | 3.18 | 0.01  | 1.18 | 0.05 | 0.005 | 3.5  | 0.7  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000137 |
| BRW117798 | 0.08   | 1   | 1.37 | 0.023 | 0.12 | 0.1  | 0.04  | 4.4  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000137 |
| BRW117801 | 0.068  | 2   | 1.45 | 0.024 | 0.09 | 0.2  | 0.06  | 4.5  | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000137 |
| BRW117802 | 0.059  | 2   | 1.65 | 0.024 | 0.07 | 0.6  | 0.09  | 6    | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000137 |
| BRW117803 | 0.05   | 2   | 1.61 | 0.02  | 0.07 | 0.7  | 0.12  | 6.8  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW117804 | 0.098  | 1   | 1.48 | 0.019 | 0.32 | 0.2  | 0.03  | 4.6  | 0.3  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000137 |
| BRW117804 | 0.095  | 1   | 1.49 | 0.021 | 0.31 | 0.2  | 0.03  | 4.5  | 0.3  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000137 |
| BRW117805 | 0.1    | 2   | 1.47 | 0.019 | 0.33 | 0.2  | 0.03  | 4.7  | 0.3  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000137 |
| BRW90588  | 0.271  | 0.5 | 2.63 | 0.025 | 0.46 | 0.05 | 0.005 | 3.9  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW90589  | 0.118  | 0.5 | 1.8  | 0.017 | 0.05 | 0.1  | 0.01  | 3    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW90590  | 0.104  | 1   | 1.55 | 0.028 | 0.05 | 0.05 | 0.01  | 3.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW90591  | 0.102  | 0.5 | 1.89 | 0.023 | 0.05 | 0.05 | 0.02  | 3.9  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW90592  | 0.087  | 0.5 | 1.79 | 0.043 | 0.05 | 0.05 | 0.02  | 5.9  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW90593  | 0.222  | 0.5 | 3.51 | 0.031 | 0.12 | 0.05 | 0.005 | 8.6  | 0.05 | 0.025 | 12 | 0.8  | 1DX15  | WHI10000137 |
| BRW90594  | 0.078  | 1   | 3.09 | 0.02  | 0.14 | 0.05 | 0.02  | 12.8 | 0.05 | 0.025 | 12 | 0.25 | 1DX15  | WHI10000137 |
| BRW90596  | 0.009  | 0.5 | 2.51 | 0.013 | 0.06 | 0.05 | 0.01  | 2.9  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW90598  | 0.144  | 0.5 | 2.34 | 0.023 | 0.54 | 0.05 | 0.01  | 11.5 | 0.3  | 0.025 | 9  | 1    | 1DX15  | WHI10000137 |
| BRW90599  | 0.081  | 0.5 | 3.01 | 0.024 | 0.1  | 0.05 | 0.005 | 5.9  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW90601  | 0.221  | 0.5 | 2.71 | 0.018 | 0.83 | 0.05 | 0.005 | 3    | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW90602  | 0.029  | 0.5 | 1.89 | 0.007 | 0.02 | 0.05 | 0.005 | 2.7  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000137 |
| BRW90604  | 0.005  | 0.5 | 0.43 | 0.004 | 0.06 | 0.05 | 0.03  | 4.5  | 0.2  | 0.025 | 2  | 0.25 | 1DX15  | WHI10000137 |
| BRW90605  | 0.066  | 1   | 2.07 | 0.01  | 0.2  | 0.05 | 0.01  | 3.2  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000137 |
| BRW90607  | 0.033  | 2   | 1.21 | 0.007 | 0.39 | 0.05 | 0.005 | 5.3  | 0.3  | 0.025 | 5  | 1    | 1DX15  | WHI10000137 |
| BRW90608  | 0.054  | 0.5 | 2.43 | 0.011 | 0.39 | 0.05 | 0.01  | 7.7  | 0.2  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000137 |
| BRW90609  | 0.107  | 0.5 | 2.04 | 0.015 | 0.18 | 0.05 | 0.03  | 4.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW90610  | 0.082  | 0.5 | 1.73 | 0.021 | 0.08 | 0.05 | 0.03  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW90611  | 0.077  | 0.5 | 2.9  | 0.114 | 0.17 | 0.05 | 0.01  | 3.9  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000137 |
| BRW90612  | 0.088  | 1   | 1.92 | 0.036 | 0.07 | 0.1  | 0.03  | 4.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW90618  | 0.097  | 1   | 1.67 | 0.031 | 0.12 | 0.1  | 0.02  | 5.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW90621  | 0.085  | 0.5 | 3.73 | 0.048 | 0.19 | 0.05 | 0.01  | 14   | 0.05 | 0.025 | 11 | 0.8  | 1DX15  | WHI10000137 |
| BRW90628  | 0.13   | 0.5 | 3.47 | 0.026 | 0.41 | 0.05 | 0.06  | 9.3  | 0.2  | 0.025 | 11 | 1.1  | 1DX15  | WHI10000137 |
| BRW90629  | 0.079  | 1   | 1.88 | 0.019 | 0.22 | 0.05 | 0.02  | 5.5  | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000137 |
| BRW90636  | 0.107  | 1   | 1.68 | 0.024 | 0.1  | 0.1  | 0.02  | 4.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW90637  | 0.193  | 0.5 | 2.69 | 0.015 | 0.67 | 0.05 | 0.02  | 4    | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW90638  | 0.176  | 0.5 | 2.74 | 0.014 | 0.54 | 0.05 | 0.01  | 3.4  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000137 |
| BRW90640  | 0.084  | 0.5 | 1.97 | 0.036 | 0.05 | 0.05 | 0.01  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000137 |
| BRW90641  | 0.095  | 0.5 | 1.9  | 0.032 | 0.06 | 0.1  | 0.05  | 6.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000137 |
| BRW93456  | 0.061  | 2   | 1.6  | 0.009 | 0.51 | 0.05 | 0.08  | 6    | 0.5  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000137 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb    | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|-------|-----|------|-------|------|
| BRW93457  | Soil | 601402     | 7004104    | 07V      | 1.3 | 53.3  | 14.1  | 118 | 0.1  | 51.7  | 16.7 |
| BRW93458  | Soil | 601402     | 7004104    | 07V      | 1.1 | 52.5  | 10.8  | 114 | 0.05 | 46.6  | 16.2 |
| BRW101457 | Soil | 600796     | 7002362    | 07V      | 0.9 | 42.1  | 9.1   | 45  | 0.1  | 37.1  | 12.9 |
| BRW104122 | Soil | 600777     | 7004501    | 07V      | 1.6 | 29.8  | 20.4  | 58  | 0.05 | 30.1  | 9.8  |
| BRW104123 | Soil | 600737     | 7004470    | 07V      | 0.7 | 14    | 17.6  | 30  | 0.05 | 10    | 3    |
| BRW104127 | Soil | 600577     | 7004348    | 07V      | 1.2 | 33.5  | 14.9  | 60  | 0.1  | 28.5  | 9.2  |
| BRW104137 | Soil | 600180     | 7004042    | 07V      | 3.8 | 51.1  | 17.2  | 74  | 0.2  | 41.1  | 14.8 |
| BRW104138 | Soil | 600143     | 7004013    | 07V      | 2.5 | 35.4  | 14.6  | 64  | 0.2  | 31.4  | 11.5 |
| BRW104140 | Soil | 600065     | 7003950    | 07V      | 3.5 | 45.5  | 27.2  | 74  | 0.2  | 41.9  | 13.4 |
| BRW104141 | Soil | 600026     | 7003918    | 07V      | 1.7 | 23.5  | 7.5   | 65  | 0.05 | 24.9  | 23.3 |
| BRW104142 | Soil | 599986     | 7003888    | 07V      | 4   | 25.1  | 34.3  | 96  | 0.1  | 26.7  | 12.9 |
| BRW104145 | Soil | 599866     | 7003793    | 07V      | 2.5 | 28.3  | 14.6  | 91  | 0.2  | 26.7  | 15   |
| BRW104147 | Soil | 599788     | 7003731    | 07V      | 2.3 | 35.6  | 10.6  | 114 | 0.1  | 31.6  | 19.8 |
| BRW104377 | Soil | 600976     | 7004405    | 07V      | 0.9 | 37.9  | 9.1   | 79  | 0.3  | 31.7  | 8.9  |
| BRW104380 | Soil | 600857     | 7004311    | 07V      | 1   | 25.6  | 9.1   | 71  | 0.05 | 28.5  | 8.7  |
| BRW104380 | REP  | 600857     | 7004311    | 07V      | 1   | 26.4  | 9.1   | 69  | 0.05 | 28.9  | 8.9  |
| BRW104389 | Soil | 600502     | 7004035    | 07V      | 2.1 | 46.7  | 19.3  | 71  | 0.1  | 35.9  | 11.8 |
| BRW104392 | Soil | 600383     | 7003942    | 07V      | 4.8 | 48.6  | 12.9  | 112 | 0.1  | 45.6  | 15.4 |
| BRW104397 | Soil | 600229     | 7003822    | 07V      | 2.9 | 61.8  | 15.9  | 127 | 0.4  | 55.1  | 13.8 |
| BRW108162 | Soil | 600794     | 7004393    | 07V      | 0.8 | 23.3  | 19.7  | 44  | 0.05 | 15.7  | 5.3  |
| BRW108165 | Soil | 600678     | 7004299    | 07V      | 1.3 | 24.6  | 15.6  | 50  | 0.05 | 15.8  | 4.7  |
| BRW108167 | Soil | 600599     | 7004238    | 07V      | 2   | 32.7  | 17.6  | 45  | 0.05 | 25.4  | 9    |
| BRW108168 | Soil | 600560     | 7004208    | 07V      | 2.1 | 44.5  | 16.5  | 67  | 0.05 | 37.2  | 12.3 |
| BRW108169 | Soil | 600520     | 7004177    | 07V      | 1.6 | 30.7  | 13.2  | 42  | 0.05 | 19.6  | 6.8  |
| BRW108171 | Soil | 600440     | 7004115    | 07V      | 2.9 | 42.3  | 20.8  | 46  | 0.05 | 29.6  | 9.5  |
| BRW108176 | Soil | 600241     | 7003962    | 07V      | 1.8 | 66    | 11    | 76  | 0.2  | 38    | 11.8 |
| BRW108177 | Soil | 600205     | 7003930    | 07V      | 1.9 | 46.7  | 12.8  | 65  | 0.2  | 39    | 12.6 |
| BRW108178 | Soil | 600165     | 7003901    | 07V      | 1.1 | 51.3  | 9.3   | 53  | 0.1  | 32.3  | 10.4 |
| BRW108181 | Soil | 600045     | 7003807    | 07V      | 2.2 | 27.2  | 11.3  | 95  | 0.4  | 22.4  | 11.5 |
| BRW108182 | Soil | 600045     | 7003807    | 07V      | 2.3 | 28.8  | 12    | 100 | 0.4  | 24.4  | 12.2 |
| BRW108183 | Soil | 600008     | 7003777    | 07V      | 3.8 | 42.6  | 13    | 74  | 0.4  | 28.1  | 11.8 |
| BRW108184 | Soil | 599971     | 7003746    | 07V      | 2.2 | 42.5  | 9.3   | 93  | 0.2  | 37.5  | 18.6 |
| BRW108185 | Soil | 599931     | 7003713    | 07V      | 1.1 | 31.2  | 8.1   | 71  | 0.2  | 23.2  | 13.4 |
| BRW108185 | REP  | 599931     | 7003713    | 07V      | 1.2 | 30.3  | 8     | 72  | 0.1  | 23    | 13.9 |
| BRW108186 | Soil | 599892     | 7003682    | 07V      | 6.5 | 50.6  | 38.3  | 168 | 0.3  | 42.9  | 15.3 |
| BRW108187 | Soil | 599852     | 7003653    | 07V      | 4.5 | 54.3  | 14.6  | 152 | 0.2  | 50.5  | 16.3 |
| BRW108188 | Soil | 599852     | 7003653    | 07V      | 4.5 | 57.2  | 14.1  | 160 | 0.2  | 51.6  | 16.1 |
| BRW108564 | Soil | 600079     | 7003196    | 07V      | 0.8 | 38.8  | 11    | 51  | 0.05 | 43.1  | 28.5 |
| BRW108568 | Soil | 599920     | 7003078    | 07V      | 0.5 | 220.2 | 6.8   | 42  | 0.3  | 496   | 55.3 |
| BRW108639 | Soil | 599368     | 7001753    | 07V      | 0.6 | 54.4  | 5.8   | 67  | 0.05 | 20.5  | 14.9 |
| BRW108641 | Soil | 599445     | 7001817    | 07V      | 0.6 | 54.5  | 6.9   | 54  | 0.05 | 69.1  | 23.2 |
| BRW108773 | Soil | 599058     | 7002148    | 07V      | 1   | 87.9  | 16.1  | 42  | 0.05 | 32.9  | 17.7 |
| BRW108788 | Soil | 599654     | 7002606    | 07V      | 2   | 30.1  | 22.1  | 66  | 0.1  | 28    | 9    |
| BRW108791 | Soil | 599773     | 7002700    | 07V      | 0.5 | 54.9  | 5.8   | 15  | 0.05 | 45.6  | 16.9 |
| BRW108791 | REP  | 599773     | 7002700    | 07V      | 0.5 | 52.9  | 6     | 15  | 0.05 | 44.7  | 16.9 |
| BRW108803 | Soil | 600242     | 7003071    | 07V      | 1.5 | 39.7  | 11.2  | 108 | 0.1  | 48    | 21.9 |
| BRW108804 | Soil | 600242     | 7003071    | 07V      | 1.5 | 44.3  | 9.7   | 108 | 0.1  | 47.7  | 21.9 |
| BRW113515 | Soil | 601122     | 7004393    | 07V      | 0.8 | 30.9  | 11.1  | 63  | 0.1  | 28.4  | 9.3  |
| BRW113516 | Soil | 601085     | 7004361    | 07V      | 0.5 | 15.7  | 30.8  | 77  | 0.1  | 18.9  | 3.8  |
| BRW113516 | REP  | 601085     | 7004361    | 07V      | 0.4 | 14.4  | 28.8  | 72  | 0.1  | 19.5  | 3.7  |
| BRW113517 | Soil | 601044     | 7004330    | 07V      | 3   | 34.8  | 46.5  | 96  | 0.2  | 53.7  | 12.8 |
| BRW113520 | Soil | 600925     | 7004239    | 07V      | 1.6 | 48.9  | 149.7 | 150 | 0.2  | 66.9  | 13   |
| BRW113605 | Soil | 600024     | 7003026    | 07V      | 1.2 | 157.2 | 18.7  | 73  | 0.2  | 454.5 | 70.6 |
| BRW113607 | Soil | 600103     | 7003086    | 07V      | 1   | 61.3  | 9.3   | 37  | 0.05 | 73.6  | 17.3 |
| BRW113609 | Soil | 600182     | 7003149    | 07V      | 0.7 | 76    | 12.2  | 101 | 0.2  | 66.3  | 25   |
| BRW113610 | Soil | 600221     | 7003179    | 07V      | 3.2 | 45.3  | 19.6  | 132 | 0.2  | 38.5  | 18   |
| BRW113691 | Soil | 600887     | 7004208    | 07V      | 0.9 | 29    | 41.5  | 102 | 0.05 | 25.7  | 7.6  |
| BRW113692 | Soil | 600846     | 7004177    | 07V      | 0.6 | 29.7  | 15.8  | 146 | 0.1  | 23.8  | 9.2  |
| BRW113696 | Soil | 600683     | 7004053    | 07V      | 3.8 | 82.3  | 48.4  | 118 | 0.1  | 89.2  | 24.8 |
| BRW113699 | Soil | 600565     | 7003959    | 07V      | 1.8 | 47.7  | 21.2  | 72  | 0.05 | 28.9  | 13.6 |
| BRW113703 | Soil | 600408     | 7003834    | 07V      | 1.6 | 32.5  | 10.6  | 91  | 0.1  | 37.4  | 10.8 |
| BRW113704 | Soil | 600368     | 7003804    | 07V      | 2.8 | 34.1  | 14.2  | 89  | 0.4  | 29    | 11.4 |
| BRW113705 | Soil | 600330     | 7003775    | 07V      | 1.6 | 55.4  | 12.7  | 108 | 0.05 | 50.6  | 19.1 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca    | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|------|------|-----|------|------|------|-----|-------|-------|----|-----|------|-----|
| BRW93457  | 333  | 4.23 | 7.6   | 1.9 | 7    | 23.5 | 16  | 0.05 | 0.6  | 0.2  | 42  | 0.33  | 0.081 | 56 | 39  | 0.75 | 204 |
| BRW93458  | 312  | 4.12 | 7.4   | 1.9 | 5.6  | 23.8 | 17  | 0.05 | 0.7  | 0.2  | 42  | 0.33  | 0.081 | 53 | 37  | 0.65 | 181 |
| BRW101457 | 370  | 2.49 | 5.6   | 0.9 | 0.25 | 3.5  | 37  | 0.1  | 0.4  | 0.1  | 58  | 0.7   | 0.069 | 13 | 46  | 0.71 | 267 |
| BRW104122 | 384  | 2.67 | 18.7  | 1.2 | 4.7  | 5    | 31  | 0.2  | 1.1  | 0.2  | 59  | 0.38  | 0.031 | 17 | 36  | 0.43 | 292 |
| BRW104123 | 82   | 1.35 | 18    | 0.9 | 2.4  | 5.3  | 14  | 0.05 | 1.2  | 0.2  | 34  | 0.1   | 0.01  | 13 | 12  | 0.12 | 152 |
| BRW104127 | 398  | 2.85 | 17.8  | 1.9 | 4.2  | 5    | 33  | 0.1  | 1    | 0.2  | 62  | 0.38  | 0.037 | 17 | 38  | 0.49 | 356 |
| BRW104137 | 572  | 3.08 | 12.9  | 1.2 | 1.8  | 5.3  | 22  | 0.1  | 1.2  | 0.2  | 68  | 0.26  | 0.038 | 15 | 48  | 0.44 | 242 |
| BRW104138 | 420  | 2.96 | 13    | 0.9 | 4.8  | 5.4  | 28  | 0.05 | 0.8  | 0.2  | 61  | 0.26  | 0.049 | 14 | 41  | 0.52 | 181 |
| BRW104140 | 977  | 3.15 | 28    | 1.1 | 4.5  | 5.8  | 39  | 0.1  | 1.2  | 0.2  | 64  | 0.41  | 0.038 | 15 | 55  | 0.53 | 293 |
| BRW104141 | 592  | 4.38 | 3.4   | 0.7 | 0.6  | 4.8  | 17  | 0.05 | 0.2  | 0.05 | 98  | 0.5   | 0.114 | 16 | 29  | 2.06 | 224 |
| BRW104142 | 660  | 4.96 | 5.5   | 1   | 1.2  | 17.9 | 25  | 0.1  | 0.5  | 0.05 | 59  | 0.51  | 0.129 | 46 | 35  | 0.88 | 224 |
| BRW104145 | 1061 | 3.38 | 20.2  | 1.5 | 1.4  | 5.1  | 55  | 0.3  | 0.6  | 0.05 | 55  | 1.2   | 0.085 | 22 | 35  | 0.71 | 380 |
| BRW104147 | 723  | 5.04 | 18    | 1.3 | 2.8  | 11.8 | 28  | 0.2  | 0.6  | 0.05 | 91  | 0.76  | 0.101 | 51 | 46  | 1.24 | 460 |
| BRW104377 | 209  | 2.44 | 39.5  | 1   | 11.3 | 7.6  | 76  | 0.3  | 1.4  | 0.2  | 30  | 9.37  | 0.054 | 24 | 18  | 0.26 | 121 |
| BRW104380 | 268  | 3.01 | 7.9   | 1.3 | 6.7  | 7.7  | 32  | 0.05 | 0.8  | 0.2  | 49  | 0.3   | 0.068 | 19 | 30  | 0.46 | 162 |
| BRW104380 | 267  | 2.91 | 8     | 1.3 | 4.3  | 8    | 34  | 0.05 | 0.8  | 0.2  | 46  | 0.29  | 0.068 | 20 | 31  | 0.46 | 156 |
| BRW104389 | 372  | 2.83 | 17.5  | 1   | 3.3  | 5.6  | 33  | 0.2  | 0.9  | 0.2  | 59  | 0.4   | 0.053 | 17 | 45  | 0.47 | 304 |
| BRW104392 | 834  | 4.39 | 34.7  | 1.4 | 3.7  | 6.8  | 25  | 0.2  | 1.2  | 0.2  | 80  | 0.23  | 0.051 | 17 | 43  | 0.55 | 324 |
| BRW104397 | 683  | 3.51 | 17.5  | 2.2 | 4.2  | 8.9  | 26  | 0.5  | 0.8  | 0.2  | 66  | 0.26  | 0.078 | 48 | 47  | 0.61 | 410 |
| BRW108162 | 209  | 2.08 | 27.1  | 1.6 | 2.3  | 6.2  | 24  | 0.05 | 1.3  | 0.2  | 45  | 0.24  | 0.02  | 15 | 25  | 0.32 | 228 |
| BRW108165 | 169  | 2.23 | 15.1  | 1.7 | 2.9  | 7.7  | 21  | 0.05 | 0.8  | 0.2  | 50  | 0.2   | 0.024 | 16 | 27  | 0.33 | 206 |
| BRW108167 | 292  | 2.25 | 10.7  | 1.1 | 2.7  | 5.6  | 26  | 0.1  | 0.8  | 0.2  | 52  | 0.28  | 0.024 | 14 | 36  | 0.33 | 283 |
| BRW108168 | 355  | 3.22 | 12.9  | 1.2 | 5.1  | 4.9  | 37  | 0.05 | 1    | 0.2  | 69  | 0.42  | 0.032 | 17 | 53  | 0.52 | 365 |
| BRW108169 | 262  | 1.99 | 9.4   | 1.2 | 6    | 6    | 26  | 0.05 | 1    | 0.1  | 51  | 0.25  | 0.02  | 19 | 29  | 0.32 | 265 |
| BRW108171 | 329  | 2.64 | 14.7  | 0.8 | 5.5  | 6.3  | 25  | 0.05 | 1.2  | 0.2  | 60  | 0.26  | 0.019 | 16 | 36  | 0.37 | 276 |
| BRW108176 | 454  | 3.25 | 16.2  | 1.1 | 14.9 | 5.6  | 32  | 0.05 | 1.1  | 0.2  | 72  | 0.46  | 0.054 | 18 | 45  | 0.69 | 274 |
| BRW108177 | 496  | 3.19 | 17.6  | 1   | 5.9  | 4.8  | 30  | 0.05 | 1.1  | 0.2  | 63  | 0.39  | 0.042 | 17 | 46  | 0.58 | 264 |
| BRW108178 | 420  | 2.71 | 12.2  | 0.6 | 8.9  | 4.3  | 35  | 0.05 | 0.8  | 0.2  | 60  | 0.59  | 0.057 | 14 | 34  | 0.6  | 240 |
| BRW108181 | 652  | 3.45 | 5.3   | 1.3 | 1.7  | 4.9  | 47  | 0.4  | 0.3  | 0.1  | 59  | 0.82  | 0.059 | 31 | 30  | 0.61 | 448 |
| BRW108182 | 688  | 3.72 | 5.5   | 1.4 | 0.5  | 5.1  | 48  | 0.4  | 0.4  | 0.1  | 67  | 0.86  | 0.065 | 33 | 34  | 0.6  | 468 |
| BRW108183 | 526  | 3.35 | 20.6  | 2.1 | 7.1  | 3.7  | 47  | 0.3  | 0.8  | 0.2  | 54  | 0.82  | 0.085 | 27 | 36  | 0.57 | 418 |
| BRW108184 | 517  | 4.15 | 8.1   | 1.1 | 7.1  | 6.8  | 36  | 0.1  | 0.3  | 0.05 | 74  | 0.77  | 0.06  | 27 | 57  | 1.13 | 325 |
| BRW108185 | 571  | 3.11 | 7.7   | 1.9 | 1.8  | 5.4  | 47  | 0.2  | 0.4  | 0.05 | 52  | 1.31  | 0.082 | 27 | 29  | 0.73 | 388 |
| BRW108185 | 556  | 3.12 | 7.4   | 1.8 | 1.3  | 5.3  | 48  | 0.2  | 0.4  | 0.05 | 52  | 1.27  | 0.079 | 28 | 30  | 0.7  | 384 |
| BRW108186 | 713  | 4.42 | 774.8 | 1.1 | 6.8  | 12.4 | 36  | 1.1  | 6.9  | 0.1  | 54  | 0.51  | 0.082 | 27 | 30  | 0.52 | 232 |
| BRW108187 | 685  | 4.36 | 33.1  | 1.2 | 3.2  | 11   | 30  | 0.4  | 1.2  | 0.05 | 63  | 0.32  | 0.061 | 26 | 45  | 0.59 | 298 |
| BRW108188 | 736  | 4.68 | 32.2  | 1.1 | 2.7  | 10.2 | 31  | 0.4  | 0.9  | 0.05 | 71  | 0.33  | 0.06  | 27 | 49  | 0.64 | 308 |
| BRW108564 | 596  | 3.14 | 6.2   | 0.5 | 0.25 | 1.9  | 56  | 0.05 | 0.2  | 0.05 | 85  | 1.25  | 0.067 | 6  | 30  | 1.48 | 180 |
| BRW108568 | 603  | 3.88 | 2.6   | 0.3 | 5.6  | 1.1  | 19  | 0.05 | 0.1  | 0.05 | 18  | 0.38  | 0.032 | 3  | 22  | 5.17 | 84  |
| BRW108639 | 502  | 2.97 | 1.7   | 0.1 | 1.1  | 1    | 138 | 0.05 | 0.1  | 0.05 | 77  | 1.08  | 0.078 | 5  | 25  | 1    | 199 |
| BRW108641 | 509  | 3.64 | 3.4   | 0.9 | 1    | 3.1  | 76  | 0.05 | 0.1  | 0.05 | 89  | 1.14  | 0.122 | 9  | 76  | 2.07 | 171 |
| BRW108773 | 395  | 2.82 | 1.6   | 0.2 | 0.25 | 1.4  | 135 | 0.05 | 0.1  | 0.05 | 85  | 1.26  | 0.103 | 2  | 55  | 1.33 | 247 |
| BRW108788 | 425  | 3.31 | 11.6  | 1.5 | 4.5  | 42   | 23  | 0.05 | 0.5  | 0.2  | 61  | 0.28  | 0.028 | 91 | 48  | 0.51 | 276 |
| BRW108791 | 204  | 1.28 | 2.8   | 0.2 | 0.25 | 1.1  | 28  | 0.05 | 0.1  | 0.05 | 40  | 0.33  | 0.008 | 4  | 24  | 0.7  | 118 |
| BRW108791 | 207  | 1.26 | 2.8   | 0.2 | 0.25 | 1.1  | 27  | 0.05 | 0.1  | 0.05 | 39  | 0.33  | 0.007 | 4  | 24  | 0.7  | 118 |
| BRW108803 | 756  | 5.44 | 4.5   | 0.7 | 0.7  | 8.5  | 21  | 0.1  | 0.1  | 0.05 | 98  | 0.8   | 0.117 | 24 | 89  | 1.66 | 382 |
| BRW108804 | 812  | 5.33 | 4.1   | 0.7 | 1    | 9    | 23  | 0.05 | 0.1  | 0.05 | 93  | 0.82  | 0.116 | 28 | 80  | 1.68 | 390 |
| BRW113515 | 352  | 2.31 | 12.5  | 0.7 | 4.9  | 2.1  | 85  | 0.3  | 0.7  | 0.2  | 49  | 5.54  | 0.062 | 12 | 28  | 0.88 | 237 |
| BRW113516 | 504  | 1.16 | 35.7  | 1.2 | 1.5  | 0.3  | 117 | 1.3  | 1    | 0.05 | 25  | 14.2  | 0.173 | 11 | 19  | 0.63 | 111 |
| BRW113516 | 463  | 1.1  | 33.2  | 1.2 | 4    | 0.3  | 118 | 1.2  | 1    | 0.05 | 24  | 13.76 | 0.162 | 9  | 17  | 0.61 | 105 |
| BRW113517 | 529  | 4.15 | 36.3  | 1.7 | 5.3  | 8.3  | 27  | 0.1  | 1.7  | 0.3  | 60  | 0.4   | 0.043 | 26 | 56  | 0.4  | 190 |
| BRW113520 | 1028 | 3.62 | 50.2  | 1.6 | 7    | 4.4  | 72  | 1    | 10.4 | 0.3  | 41  | 0.94  | 0.108 | 21 | 33  | 0.3  | 316 |
| BRW113605 | 889  | 6.68 | 6.8   | 0.5 | 6.3  | 6.6  | 24  | 0.05 | 0.3  | 0.05 | 72  | 0.82  | 0.05  | 21 | 100 | 2.99 | 154 |
| BRW113607 | 284  | 2.37 | 7     | 0.6 | 3.1  | 4.5  | 31  | 0.05 | 0.3  | 0.05 | 52  | 0.58  | 0.033 | 14 | 52  | 0.81 | 182 |
| BRW113609 | 612  | 4.46 | 32.9  | 0.6 | 1.1  | 9.3  | 27  | 0.2  | 0.6  | 0.05 | 103 | 1.08  | 0.134 | 25 | 63  | 1.76 | 211 |
| BRW113610 | 558  | 5.01 | 3.5   | 1.3 | 1.8  | 29.7 | 32  | 0.2  | 0.1  | 0.05 | 85  | 0.73  | 0.066 | 78 | 54  | 0.94 | 462 |
| BRW113691 | 426  | 2.82 | 36.3  | 1.2 | 1.6  | 6.3  | 24  | 0.4  | 1.1  | 0.2  | 40  | 0.82  | 0.095 | 20 | 53  | 0.61 | 187 |
| BRW113692 | 516  | 4.4  | 24.6  | 1.1 | 3.1  | 5.2  | 24  | 0.2  | 0.4  | 0.2  | 72  | 0.43  | 0.056 | 16 | 99  | 1.1  | 430 |
| BRW113696 | 458  | 5.7  | 211   | 1.8 | 4.2  | 8    | 26  | 0.2  | 4.4  | 0.4  | 90  | 0.27  | 0.113 | 32 | 77  | 0.99 | 431 |
| BRW113699 | 251  | 3.35 | 66.2  | 1.3 | 2    | 4.8  | 24  | 0.1  | 2.2  | 0.2  | 50  | 0.1   | 0.041 | 14 | 29  | 0.24 | 184 |
| BRW113703 | 292  | 3.46 | 11.9  | 0.8 | 0.7  | 6.1  | 16  | 0.1  | 0.5  | 0.1  | 64  | 0.26  | 0.065 | 16 | 54  | 0.95 | 238 |
| BRW113704 | 571  | 2.99 | 17.7  | 1.6 | 5.2  | 6.9  | 20  | 0.3  | 0.6  | 0.2  | 60  | 0.28  | 0.073 | 34 | 38  | 0.49 | 292 |
| BRW113705 | 496  | 4.25 | 4.3   | 1.4 | 1.5  | 13.6 | 18  | 0.05 | 0.2  | 0.1  | 69  | 0.25  | 0.038 | 34 | 59  | 1.34 | 269 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW93457  | 0.072 | 2   | 1.71 | 0.009 | 0.5  | 0.05 | 0.07  | 6.3  | 0.6  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000137 |
| BRW93458  | 0.073 | 0.5 | 1.58 | 0.009 | 0.47 | 0.05 | 0.08  | 5.8  | 0.5  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000137 |
| BRW101457 | 0.079 | 1   | 1.81 | 0.019 | 0.05 | 0.2  | 0.02  | 4    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW104122 | 0.094 | 1   | 1.93 | 0.021 | 0.09 | 0.05 | 0.1   | 4.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000138 |
| BRW104123 | 0.081 | 0.5 | 1.05 | 0.015 | 0.1  | 0.05 | 0.14  | 2.4  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000138 |
| BRW104127 | 0.085 | 1   | 1.64 | 0.019 | 0.07 | 0.1  | 0.03  | 5.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW104137 | 0.055 | 2   | 1.69 | 0.007 | 0.17 | 0.1  | 0.02  | 5.1  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW104138 | 0.07  | 2   | 1.64 | 0.012 | 0.16 | 0.1  | 0.005 | 4.5  | 0.05 | 0.025 | 5  | 0.8  | 1DX15  | WHI10000138 |
| BRW104140 | 0.076 | 3   | 1.66 | 0.018 | 0.09 | 0.1  | 0.03  | 6.2  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000138 |
| BRW104141 | 0.239 | 1   | 1.34 | 0.019 | 1.5  | 0.1  | 0.01  | 6.8  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000138 |
| BRW104142 | 0.098 | 2   | 2.95 | 0.011 | 0.83 | 0.1  | 0.02  | 8.4  | 0.4  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000138 |
| BRW104145 | 0.047 | 2   | 1.26 | 0.011 | 0.14 | 0.05 | 0.06  | 5.2  | 0.1  | 0.07  | 5  | 0.9  | 1DX15  | WHI10000138 |
| BRW104147 | 0.118 | 2   | 2.74 | 0.014 | 0.43 | 0.05 | 0.03  | 10.3 | 0.2  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000138 |
| BRW104377 | 0.007 | 4   | 0.76 | 0.01  | 0.14 | 0.5  | 0.25  | 2.6  | 0.5  | 0.06  | 3  | 0.8  | 1DX15  | WHI10000138 |
| BRW104380 | 0.071 | 2   | 1.13 | 0.016 | 0.17 | 0.1  | 0.04  | 5    | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000138 |
| BRW104380 | 0.072 | 2   | 1.17 | 0.016 | 0.17 | 0.05 | 0.04  | 4.9  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000138 |
| BRW104389 | 0.078 | 2   | 1.6  | 0.02  | 0.1  | 0.1  | 0.05  | 4.9  | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000138 |
| BRW104392 | 0.07  | 1   | 1.96 | 0.007 | 0.22 | 0.05 | 0.03  | 5.6  | 0.3  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000138 |
| BRW104397 | 0.07  | 1   | 1.56 | 0.008 | 0.32 | 0.1  | 0.04  | 5.3  | 0.3  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000138 |
| BRW108162 | 0.085 | 0.5 | 1.63 | 0.015 | 0.12 | 0.05 | 0.25  | 3.7  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW108165 | 0.091 | 0.5 | 1.54 | 0.011 | 0.19 | 0.05 | 0.03  | 3.7  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW108167 | 0.086 | 0.5 | 1.74 | 0.014 | 0.1  | 0.05 | 0.03  | 3.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW108168 | 0.096 | 1   | 2.03 | 0.021 | 0.1  | 0.05 | 0.04  | 5.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000138 |
| BRW108169 | 0.085 | 0.5 | 1.17 | 0.014 | 0.07 | 0.05 | 0.02  | 3.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW108171 | 0.09  | 1   | 1.83 | 0.017 | 0.09 | 0.05 | 0.03  | 4.7  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW108176 | 0.102 | 3   | 1.72 | 0.017 | 0.21 | 0.1  | 0.05  | 5.5  | 0.1  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000138 |
| BRW108177 | 0.08  | 2   | 1.69 | 0.012 | 0.17 | 0.1  | 0.04  | 5.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW108178 | 0.082 | 3   | 1.38 | 0.024 | 0.08 | 0.2  | 0.06  | 4.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW108181 | 0.094 | 2   | 2.12 | 0.02  | 0.39 | 0.05 | 0.03  | 4.9  | 0.3  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000138 |
| BRW108182 | 0.095 | 2   | 2.06 | 0.021 | 0.4  | 0.1  | 0.03  | 5.1  | 0.2  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000138 |
| BRW108183 | 0.049 | 2   | 1.75 | 0.012 | 0.18 | 0.05 | 0.05  | 4.6  | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000138 |
| BRW108184 | 0.072 | 2   | 2.08 | 0.015 | 0.21 | 0.1  | 0.03  | 7.3  | 0.2  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000138 |
| BRW108185 | 0.065 | 3   | 1.6  | 0.012 | 0.24 | 0.1  | 0.04  | 6    | 0.2  | 0.05  | 5  | 1.1  | 1DX15  | WHI10000138 |
| BRW108185 | 0.065 | 3   | 1.5  | 0.012 | 0.24 | 0.1  | 0.04  | 6    | 0.1  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000138 |
| BRW108186 | 0.034 | 3   | 1.1  | 0.013 | 0.18 | 0.1  | 0.06  | 6    | 0.2  | 0.025 | 4  | 1.3  | 1DX15  | WHI10000138 |
| BRW108187 | 0.043 | 2   | 1.34 | 0.005 | 0.23 | 0.05 | 0.03  | 6.7  | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000138 |
| BRW108188 | 0.049 | 1   | 1.48 | 0.007 | 0.26 | 0.05 | 0.04  | 7.6  | 0.3  | 0.025 | 6  | 1.1  | 1DX15  | WHI10000138 |
| BRW108564 | 0.118 | 2   | 4.35 | 0.021 | 0.06 | 0.05 | 0.02  | 6.8  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000138 |
| BRW108568 | 0.059 | 1   | 3.4  | 0.038 | 0.06 | 0.05 | 0.03  | 1.8  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW108639 | 0.053 | 0.5 | 2.5  | 0.034 | 0.09 | 0.05 | 0.01  | 4.8  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000138 |
| BRW108641 | 0.213 | 1   | 3.3  | 0.036 | 0.31 | 0.05 | 0.005 | 5.1  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000138 |
| BRW108773 | 0.203 | 1   | 2.73 | 0.073 | 0.18 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000138 |
| BRW108788 | 0.048 | 1   | 2.34 | 0.013 | 0.09 | 0.05 | 0.03  | 6.3  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000138 |
| BRW108791 | 0.035 | 0.5 | 1.66 | 0.02  | 0.03 | 0.05 | 0.005 | 3.4  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000138 |
| BRW108791 | 0.036 | 0.5 | 1.64 | 0.02  | 0.03 | 0.05 | 0.005 | 3.3  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000138 |
| BRW108803 | 0.074 | 0.5 | 3.03 | 0.011 | 0.55 | 0.05 | 0.02  | 12.1 | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000138 |
| BRW108804 | 0.068 | 1   | 3.04 | 0.011 | 0.51 | 0.05 | 0.02  | 11.3 | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000138 |
| BRW113515 | 0.07  | 2   | 1.58 | 0.043 | 0.09 | 0.2  | 0.06  | 3.1  | 0.05 | 0.06  | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW113516 | 0.009 | 7   | 0.75 | 0.012 | 0.04 | 0.2  | 0.05  | 0.9  | 0.05 | 0.15  | 2  | 0.25 | 1DX15  | WHI10000138 |
| BRW113516 | 0.009 | 7   | 0.73 | 0.012 | 0.04 | 0.1  | 0.05  | 0.8  | 0.05 | 0.15  | 2  | 0.25 | 1DX15  | WHI10000138 |
| BRW113517 | 0.044 | 5   | 1.45 | 0.013 | 0.13 | 0.4  | 0.12  | 8    | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW113520 | 0.015 | 4   | 0.82 | 0.007 | 0.15 | 0.6  | 0.62  | 8.3  | 0.3  | 0.025 | 2  | 0.25 | 1DX15  | WHI10000138 |
| BRW113605 | 0.051 | 3   | 2.24 | 0.02  | 0.06 | 0.05 | 0.03  | 7.4  | 0.2  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000138 |
| BRW113607 | 0.075 | 1   | 1.64 | 0.032 | 0.05 | 0.05 | 0.02  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW113609 | 0.145 | 1   | 2.66 | 0.026 | 0.24 | 0.05 | 0.02  | 8.1  | 0.3  | 0.025 | 10 | 0.7  | 1DX15  | WHI10000138 |
| BRW113610 | 0.154 | 0.5 | 2.36 | 0.014 | 0.75 | 0.05 | 0.02  | 6.8  | 0.4  | 0.025 | 9  | 1.2  | 1DX15  | WHI10000138 |
| BRW113691 | 0.054 | 4   | 1.63 | 0.013 | 0.32 | 0.2  | 0.05  | 7.6  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW113692 | 0.131 | 2   | 3.28 | 0.023 | 0.57 | 0.1  | 0.02  | 10.8 | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000138 |
| BRW113696 | 0.152 | 1   | 2.43 | 0.011 | 0.54 | 0.05 | 0.03  | 7.5  | 0.4  | 0.05  | 9  | 0.9  | 1DX15  | WHI10000138 |
| BRW113699 | 0.028 | 0.5 | 1.05 | 0.006 | 0.06 | 0.05 | 0.03  | 3.3  | 0.1  | 0.025 | 3  | 1    | 1DX15  | WHI10000138 |
| BRW113703 | 0.115 | 1   | 1.99 | 0.009 | 0.41 | 0.05 | 0.005 | 3    | 0.4  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000138 |
| BRW113704 | 0.068 | 0.5 | 1.39 | 0.009 | 0.25 | 0.1  | 0.03  | 3.9  | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000138 |
| BRW113705 | 0.219 | 0.5 | 2.58 | 0.011 | 1.18 | 0.05 | 0.01  | 4.2  | 0.6  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000138 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW113706 | Soil | 600289     | 7003743    | 07V      | 1.9  | 38.8  | 13.5 | 104 | 0.1  | 49.6  | 14.4 |
| BRW113707 | Soil | 600251     | 7003711    | 07V      | 2.7  | 53    | 14.2 | 128 | 0.2  | 50.3  | 10.4 |
| BRW113732 | Soil | 599028     | 7002756    | 07V      | 0.8  | 37.1  | 8.5  | 53  | 0.2  | 23.5  | 12   |
| BRW113733 | Soil | 598989     | 7002725    | 07V      | 0.7  | 42.8  | 8.3  | 47  | 0.05 | 24.7  | 11.2 |
| BRW113734 | Soil | 598950     | 7002695    | 07V      | 0.5  | 55.5  | 5.7  | 41  | 0.1  | 17.5  | 10.6 |
| BRW113791 | Soil | 599486     | 7002985    | 07V      | 0.2  | 86.4  | 3.4  | 31  | 0.05 | 164.8 | 52.1 |
| BRW113799 | Soil | 599171     | 7002740    | 07V      | 1.2  | 31.1  | 8    | 117 | 0.05 | 35.8  | 36.1 |
| BRW113801 | Soil | 599130     | 7002709    | 07V      | 1    | 38.8  | 6.8  | 60  | 0.2  | 26    | 13.7 |
| BRW113805 | Soil | 598972     | 7002585    | 07V      | 0.4  | 66.3  | 5.5  | 45  | 0.05 | 22.6  | 11.3 |
| BRW113806 | Soil | 598932     | 7002554    | 07V      | 0.05 | 30    | 2.2  | 71  | 0.05 | 29.5  | 8.6  |
| BRW113807 | Soil | 598893     | 7002524    | 07V      | 0.5  | 59.2  | 7    | 81  | 0.05 | 32.2  | 27.7 |
| BRW113808 | Soil | 598852     | 7002493    | 07V      | 0.7  | 48.2  | 10.7 | 53  | 0.05 | 25    | 11.2 |
| BRW113809 | Soil | 598815     | 7002461    | 07V      | 0.7  | 43    | 10.7 | 76  | 0.05 | 31.6  | 19.1 |
| BRW113827 | Soil | 599818     | 7002233    | 07V      | 0.7  | 90.8  | 8.9  | 68  | 0.05 | 87.4  | 17.4 |
| BRW113829 | Soil | 599900     | 7002293    | 07V      | 1.4  | 43.8  | 12.2 | 161 | 0.05 | 37.3  | 9.9  |
| BRW113830 | Soil | 599939     | 7002327    | 07V      | 1.1  | 48.2  | 16.5 | 147 | 0.05 | 31.3  | 9.2  |
| BRW113830 | REP  | 599939     | 7002327    | 07V      | 1.1  | 47.1  | 16.5 | 148 | 0.05 | 31.4  | 9.3  |
| BRW113831 | Soil | 599978     | 7002357    | 07V      | 2.4  | 48.3  | 15.7 | 105 | 0.05 | 27.1  | 5.8  |
| BRW113834 | Soil | 600096     | 7002449    | 07V      | 1.2  | 51.8  | 47.3 | 97  | 0.05 | 36.6  | 15   |
| BRW113835 | Soil | 600134     | 7002478    | 07V      | 0.2  | 64.2  | 3    | 197 | 0.05 | 33.3  | 13.8 |
| BRW114077 | Soil | 599755     | 7002310    | 07V      | 1    | 39.5  | 10.1 | 34  | 0.05 | 29.8  | 9.9  |
| BRW114079 | Soil | 599835     | 7002370    | 07V      | 1.8  | 38.9  | 18.6 | 94  | 0.05 | 37    | 10   |
| BRW114080 | Soil | 599873     | 7002402    | 07V      | 1.1  | 30    | 12.8 | 61  | 0.05 | 33.2  | 7.6  |
| BRW114083 | Soil | 599992     | 7002494    | 07V      | 1.4  | 36.2  | 12.9 | 79  | 0.1  | 30.1  | 8.5  |
| BRW114088 | Soil | 600191     | 7002649    | 07V      | 0.4  | 27.7  | 6.3  | 36  | 0.05 | 18.5  | 8.1  |
| BRW114093 | Soil | 600388     | 7002802    | 07V      | 0.5  | 61.3  | 4.6  | 40  | 0.05 | 72.4  | 19.7 |
| BRW114095 | Soil | 600466     | 7002865    | 07V      | 2.7  | 46.8  | 8.9  | 120 | 0.05 | 56.3  | 18.7 |
| BRW114095 | REP  | 600466     | 7002865    | 07V      | 2.7  | 48.2  | 9.1  | 120 | 0.05 | 57.9  | 19   |
| BRW114153 | Soil | 600013     | 7003273    | 07V      | 0.9  | 30.1  | 11.1 | 45  | 0.05 | 28.2  | 13.8 |
| BRW114174 | Soil | 599112     | 7002567    | 07V      | 0.8  | 87    | 4.9  | 68  | 0.05 | 29.3  | 22.7 |
| BRW114178 | Soil | 598957     | 7002445    | 07V      | 0.6  | 86.8  | 7.7  | 55  | 0.05 | 42.1  | 16.2 |
| BRW114316 | Soil | 599563     | 7001910    | 07V      | 1.6  | 54.1  | 8.4  | 88  | 0.05 | 37.5  | 25.5 |
| BRW114318 | Soil | 599644     | 7001970    | 07V      | 0.9  | 84.6  | 7.4  | 138 | 0.05 | 40.1  | 23.3 |
| BRW114323 | Soil | 599842     | 7002124    | 07V      | 0.3  | 48.3  | 6.4  | 88  | 0.05 | 38.3  | 23.2 |
| BRW114324 | Soil | 599881     | 7002155    | 07V      | 1    | 73.2  | 9.4  | 102 | 0.05 | 39    | 26   |
| BRW114328 | Soil | 600039     | 7002276    | 07V      | 2.1  | 55.3  | 15.6 | 216 | 0.05 | 46.6  | 13   |
| BRW114329 | Soil | 600077     | 7002306    | 07V      | 2.1  | 42.9  | 15.9 | 115 | 0.1  | 38    | 10   |
| BRW114330 | Soil | 600116     | 7002337    | 07V      | 1.8  | 46.7  | 12.6 | 168 | 0.05 | 52.1  | 20.8 |
| BRW114331 | Soil | 600157     | 7002368    | 07V      | 1.5  | 54.8  | 30   | 167 | 0.05 | 52.9  | 20.1 |
| BRW114332 | Soil | 600194     | 7002398    | 07V      | 1.1  | 36.4  | 13.5 | 192 | 0.05 | 29.6  | 12.8 |
| BRW114333 | Soil | 600235     | 7002429    | 07V      | 0.5  | 43.2  | 7.4  | 179 | 0.05 | 30.5  | 15.2 |
| BRW114335 | Soil | 600313     | 7002491    | 07V      | 1    | 59.9  | 11.4 | 47  | 0.05 | 55.6  | 18.2 |
| BRW114336 | Soil | 600352     | 7002521    | 07V      | 0.2  | 43.7  | 9.3  | 55  | 0.05 | 54.1  | 16.3 |
| BRW114337 | Soil | 600352     | 7002521    | 07V      | 0.2  | 44.4  | 8    | 56  | 0.05 | 55.3  | 16.7 |
| BRW90595  | Soil | 599709     | 7001891    | 07V      | 0.2  | 66.2  | 1.3  | 64  | 0.05 | 10.5  | 18.3 |
| BRW90619  | Soil | 600650     | 7002628    | 07V      | 1.4  | 41.5  | 11.1 | 71  | 0.05 | 41.9  | 14.8 |
| BRW90620  | Soil | 600650     | 7002628    | 07V      | 1.2  | 40.8  | 11.1 | 74  | 0.05 | 42.4  | 14.5 |
| BRW93378  | Soil | 600971     | 7004655    | 07V      | 1.8  | 28.2  | 18.9 | 57  | 0.05 | 31.4  | 8.1  |
| BRW93379  | Soil | 600934     | 7004623    | 07V      | 2.4  | 32.2  | 29.6 | 65  | 0.1  | 37.7  | 10.2 |
| BRW93380  | Soil | 600895     | 7004592    | 07V      | 1.3  | 30.6  | 16.8 | 50  | 0.05 | 24.1  | 6.6  |
| BRW93381  | Soil | 600855     | 7004562    | 07V      | 1.7  | 35.8  | 18.2 | 58  | 0.05 | 34.9  | 9.5  |
| BRW93382  | Soil | 600815     | 7004530    | 07V      | 1.3  | 21.3  | 19.2 | 40  | 0.05 | 21    | 6    |
| BRW101281 | Soil | 599201     | 7002129    | 07V      | 0.2  | 33.7  | 1.4  | 28  | 0.05 | 20.5  | 12.7 |
| BRW101283 | Soil | 599281     | 7002190    | 07V      | 0.2  | 190.8 | 1.3  | 45  | 0.05 | 23.7  | 30   |
| BRW101285 | Soil | 599359     | 7002254    | 07V      | 0.7  | 33.6  | 3.1  | 47  | 0.1  | 29.3  | 14.4 |
| BRW101286 | Soil | 599400     | 7002286    | 07V      | 0.2  | 22.8  | 2.4  | 57  | 0.05 | 6.1   | 11   |
| BRW101287 | Soil | 599438     | 7002315    | 07V      | 0.7  | 21.3  | 3.5  | 66  | 0.05 | 11.8  | 11.3 |
| BRW101290 | Soil | 599553     | 7002407    | 07V      | 5.2  | 74.9  | 6.8  | 129 | 0.2  | 65.3  | 34.5 |
| BRW101293 | Soil | 599673     | 7002498    | 07V      | 1.4  | 48.1  | 17.5 | 150 | 0.05 | 53.7  | 14.9 |
| BRW101456 | Soil | 600756     | 7002329    | 07V      | 0.3  | 30.8  | 5    | 47  | 0.05 | 28.9  | 12.4 |
| BRW101458 | Soil | 600836     | 7002392    | 07V      | 0.3  | 25.7  | 3.4  | 32  | 0.05 | 78.9  | 16.6 |
| BRW101458 | REP  | 600836     | 7002392    | 07V      | 0.3  | 25.6  | 3.4  | 32  | 0.05 | 75.8  | 16.9 |
| BRW104133 | Soil | 600339     | 7004162    | 07V      | 1.6  | 40    | 12.8 | 77  | 0.05 | 28.2  | 8.4  |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|-----|------|------|------|-----|------|-------|-----|-----|------|-----|
| BRW113706 | 305  | 3.72 | 8.7  | 0.8 | 0.9  | 6.7  | 16  | 0.05 | 0.3  | 0.1  | 62  | 0.22 | 0.059 | 13  | 61  | 0.96 | 244 |
| BRW113707 | 219  | 4.4  | 34.9 | 0.9 | 2    | 9.4  | 18  | 0.1  | 1.3  | 0.1  | 89  | 0.19 | 0.065 | 29  | 74  | 1    | 332 |
| BRW113732 | 284  | 2.62 | 5.1  | 0.6 | 0.25 | 1.8  | 56  | 0.05 | 0.3  | 0.05 | 67  | 0.66 | 0.076 | 10  | 45  | 0.74 | 207 |
| BRW113733 | 248  | 2.48 | 5.1  | 0.5 | 0.25 | 2.2  | 48  | 0.05 | 0.3  | 0.1  | 63  | 0.58 | 0.064 | 9   | 53  | 0.79 | 190 |
| BRW113734 | 219  | 2.29 | 2.8  | 0.5 | 0.25 | 1.5  | 59  | 0.1  | 0.2  | 0.05 | 61  | 0.75 | 0.082 | 6   | 34  | 0.76 | 132 |
| BRW113791 | 293  | 2.26 | 1    | 0.8 | 0.25 | 15.8 | 22  | 0.05 | 0.05 | 0.05 | 108 | 0.59 | 0.108 | 18  | 55  | 1.03 | 96  |
| BRW113799 | 2938 | 7.83 | 15.9 | 0.7 | 2.3  | 2.9  | 82  | 0.3  | 0.8  | 0.05 | 196 | 2.86 | 0.85  | 23  | 33  | 1.31 | 241 |
| BRW113801 | 315  | 3.02 | 5.9  | 0.9 | 5.8  | 3    | 54  | 0.1  | 0.4  | 0.1  | 76  | 0.8  | 0.161 | 13  | 37  | 0.7  | 272 |
| BRW113805 | 271  | 2.41 | 3.5  | 0.4 | 1.2  | 2.2  | 76  | 0.05 | 0.2  | 0.05 | 67  | 0.83 | 0.088 | 6   | 45  | 0.89 | 176 |
| BRW113806 | 315  | 1.98 | 0.8  | 0.2 | 0.7  | 0.6  | 164 | 0.05 | 0.05 | 0.05 | 38  | 1.04 | 0.094 | 2   | 74  | 0.8  | 127 |
| BRW113807 | 808  | 4.42 | 5.6  | 0.4 | 1.7  | 2.4  | 134 | 0.05 | 0.8  | 0.05 | 115 | 1.94 | 0.09  | 7   | 57  | 1.7  | 176 |
| BRW113808 | 272  | 2.88 | 6.6  | 0.5 | 1.3  | 3.1  | 54  | 0.05 | 0.3  | 0.1  | 79  | 0.69 | 0.053 | 9   | 37  | 0.79 | 214 |
| BRW113809 | 543  | 3.91 | 6.4  | 0.5 | 0.8  | 2.8  | 94  | 0.1  | 0.7  | 0.05 | 98  | 1.05 | 0.063 | 6   | 42  | 1.53 | 226 |
| BRW113827 | 386  | 4.07 | 4.3  | 0.6 | 1.2  | 1.7  | 46  | 0.05 | 0.2  | 0.05 | 90  | 0.79 | 0.137 | 8   | 96  | 0.88 | 366 |
| BRW113829 | 329  | 3.37 | 3    | 2.1 | 2.3  | 14.4 | 13  | 0.2  | 0.2  | 0.05 | 74  | 0.11 | 0.033 | 44  | 51  | 0.38 | 189 |
| BRW113830 | 228  | 3.52 | 2.4  | 3.1 | 1.2  | 15.1 | 14  | 0.05 | 0.05 | 0.1  | 65  | 0.12 | 0.039 | 49  | 49  | 0.63 | 339 |
| BRW113830 | 236  | 3.59 | 2    | 3   | 1.6  | 14.9 | 13  | 0.05 | 0.05 | 0.1  | 64  | 0.12 | 0.039 | 48  | 48  | 0.62 | 331 |
| BRW113831 | 317  | 3.59 | 3.2  | 3.7 | 1.6  | 50.4 | 13  | 0.05 | 0.2  | 0.1  | 41  | 0.1  | 0.05  | 154 | 30  | 0.34 | 184 |
| BRW113834 | 491  | 3.62 | 5.3  | 1.9 | 3.2  | 13.1 | 46  | 0.05 | 0.3  | 0.4  | 61  | 0.33 | 0.024 | 32  | 38  | 0.83 | 313 |
| BRW113835 | 300  | 2.09 | 1    | 0.5 | 0.5  | 1.6  | 25  | 0.7  | 0.05 | 0.05 | 42  | 0.49 | 0.037 | 6   | 55  | 0.73 | 148 |
| BRW114077 | 100  | 2.71 | 7.3  | 0.3 | 0.25 | 0.4  | 19  | 0.05 | 0.3  | 0.05 | 80  | 0.25 | 0.056 | 5   | 48  | 0.39 | 132 |
| BRW114079 | 184  | 4.14 | 8.3  | 1   | 3.8  | 4.9  | 23  | 0.05 | 0.5  | 0.1  | 113 | 0.34 | 0.074 | 21  | 67  | 0.49 | 203 |
| BRW114080 | 207  | 2.63 | 3.8  | 1.4 | 2    | 4.3  | 27  | 0.05 | 0.3  | 0.1  | 61  | 0.36 | 0.036 | 16  | 62  | 0.53 | 251 |
| BRW114083 | 211  | 2.83 | 6.3  | 1.8 | 1.8  | 7.8  | 25  | 0.05 | 0.3  | 0.1  | 45  | 0.29 | 0.038 | 29  | 39  | 0.55 | 259 |
| BRW114088 | 155  | 1.76 | 2.7  | 0.5 | 0.9  | 5.2  | 29  | 0.05 | 0.2  | 0.05 | 44  | 0.45 | 0.033 | 14  | 50  | 0.6  | 159 |
| BRW114093 | 342  | 2.56 | 1.1  | 0.2 | 0.25 | 1.6  | 18  | 0.05 | 0.05 | 0.05 | 64  | 0.46 | 0.079 | 6   | 30  | 1.34 | 120 |
| BRW114095 | 501  | 5.65 | 2.2  | 0.9 | 0.25 | 28.6 | 22  | 0.05 | 0.2  | 0.05 | 117 | 0.39 | 0.026 | 67  | 104 | 1.19 | 422 |
| BRW114095 | 533  | 5.81 | 2.3  | 0.9 | 0.25 | 29.1 | 22  | 0.05 | 0.2  | 0.05 | 117 | 0.42 | 0.025 | 66  | 106 | 1.19 | 429 |
| BRW114153 | 292  | 2.54 | 6.1  | 0.7 | 2    | 3.1  | 34  | 0.05 | 0.3  | 0.05 | 66  | 0.67 | 0.034 | 11  | 36  | 0.8  | 192 |
| BRW114174 | 390  | 4.89 | 4    | 0.5 | 1.4  | 1.6  | 99  | 0.1  | 0.2  | 0.05 | 133 | 1.9  | 0.538 | 7   | 32  | 1.12 | 176 |
| BRW114178 | 317  | 3.09 | 4.3  | 0.4 | 1.4  | 2.3  | 79  | 0.05 | 0.3  | 0.05 | 87  | 0.7  | 0.057 | 6   | 69  | 1.1  | 191 |
| BRW114316 | 462  | 3.98 | 52.1 | 0.5 | 0.25 | 1.8  | 49  | 0.1  | 0.4  | 0.05 | 125 | 0.95 | 0.087 | 7   | 49  | 1.2  | 289 |
| BRW114318 | 644  | 5.45 | 3.3  | 0.8 | 1.9  | 7.7  | 57  | 0.2  | 0.2  | 0.05 | 132 | 1.17 | 0.233 | 23  | 75  | 1.85 | 274 |
| BRW114323 | 734  | 5.57 | 2    | 0.7 | 0.25 | 5.6  | 70  | 0.05 | 0.1  | 0.05 | 112 | 1.2  | 0.074 | 14  | 151 | 1.96 | 380 |
| BRW114324 | 537  | 4.74 | 1.5  | 1.3 | 0.25 | 16.3 | 105 | 0.05 | 0.2  | 0.05 | 111 | 1.05 | 0.071 | 51  | 71  | 1.08 | 246 |
| BRW114328 | 610  | 5.6  | 3    | 3.1 | 4.7  | 26.5 | 17  | 0.05 | 0.4  | 0.1  | 90  | 0.2  | 0.055 | 76  | 59  | 0.59 | 272 |
| BRW114329 | 296  | 3.56 | 5    | 2   | 14.3 | 10.9 | 20  | 0.1  | 0.4  | 0.1  | 48  | 0.21 | 0.071 | 39  | 43  | 0.33 | 172 |
| BRW114330 | 462  | 5.09 | 0.8  | 1.8 | 0.25 | 17.9 | 20  | 0.05 | 0.1  | 0.05 | 82  | 0.14 | 0.067 | 59  | 95  | 1.27 | 323 |
| BRW114331 | 408  | 5.02 | 2.3  | 1.1 | 0.6  | 11.7 | 27  | 0.2  | 0.2  | 0.2  | 117 | 0.43 | 0.137 | 29  | 69  | 1.21 | 370 |
| BRW114332 | 280  | 3.17 | 4.9  | 0.9 | 1.8  | 5    | 22  | 0.3  | 0.3  | 0.1  | 75  | 0.27 | 0.043 | 15  | 44  | 0.76 | 326 |
| BRW114333 | 190  | 2.38 | 2    | 0.4 | 0.25 | 5.9  | 93  | 1.1  | 0.05 | 0.05 | 66  | 0.85 | 0.101 | 11  | 34  | 1    | 337 |
| BRW114335 | 284  | 2.43 | 4.5  | 0.9 | 1.4  | 3    | 40  | 0.05 | 0.2  | 0.05 | 51  | 0.72 | 0.061 | 11  | 54  | 1.04 | 164 |
| BRW114336 | 250  | 2.2  | 1    | 0.3 | 0.25 | 1.6  | 17  | 0.05 | 0.05 | 0.05 | 42  | 0.69 | 0.068 | 4   | 108 | 1.46 | 70  |
| BRW114337 | 239  | 2.2  | 1.4  | 0.3 | 0.25 | 1.6  | 16  | 0.05 | 0.05 | 0.05 | 43  | 0.67 | 0.065 | 4   | 113 | 1.47 | 69  |
| BRW90595  | 478  | 5.1  | 1.5  | 0.4 | 0.25 | 0.7  | 83  | 0.05 | 0.05 | 0.05 | 149 | 2.16 | 0.58  | 8   | 21  | 1.2  | 92  |
| BRW90619  | 525  | 3.6  | 6.1  | 0.8 | 2.9  | 12   | 26  | 0.1  | 0.3  | 0.05 | 62  | 0.66 | 0.056 | 37  | 50  | 0.93 | 267 |
| BRW90620  | 455  | 3.44 | 6.2  | 0.7 | 10.9 | 12.6 | 24  | 0.05 | 0.3  | 0.05 | 59  | 0.6  | 0.055 | 39  | 49  | 0.91 | 267 |
| BRW93378  | 228  | 2.64 | 13.1 | 1.6 | 3.1  | 6.1  | 35  | 0.05 | 0.7  | 0.2  | 52  | 0.43 | 0.039 | 19  | 49  | 0.44 | 284 |
| BRW93379  | 352  | 2.99 | 19.8 | 2   | 6    | 5.9  | 37  | 0.1  | 1.1  | 0.2  | 59  | 0.47 | 0.045 | 18  | 47  | 0.44 | 368 |
| BRW93380  | 201  | 2.52 | 13.8 | 1.4 | 4.6  | 5.3  | 29  | 0.05 | 0.8  | 0.2  | 51  | 0.37 | 0.027 | 15  | 33  | 0.39 | 277 |
| BRW93381  | 300  | 2.81 | 16.7 | 0.9 | 3.7  | 5.1  | 35  | 0.05 | 0.8  | 0.2  | 58  | 0.44 | 0.036 | 16  | 42  | 0.47 | 309 |
| BRW93382  | 172  | 1.94 | 15   | 1.3 | 4.8  | 5.9  | 23  | 0.05 | 0.9  | 0.2  | 48  | 0.23 | 0.016 | 16  | 31  | 0.29 | 212 |
| BRW101281 | 213  | 1.61 | 1.9  | 0.2 | 0.25 | 1.1  | 153 | 0.05 | 0.2  | 0.05 | 46  | 0.84 | 0.036 | 3   | 45  | 0.74 | 94  |
| BRW101283 | 480  | 3.21 | 2.1  | 0.1 | 0.25 | 0.5  | 79  | 0.05 | 0.1  | 0.05 | 97  | 1.24 | 0.1   | 0.5 | 21  | 1.46 | 120 |
| BRW101285 | 325  | 2.88 | 2.4  | 0.3 | 1.4  | 1.6  | 44  | 0.1  | 0.1  | 0.05 | 108 | 0.75 | 0.088 | 7   | 57  | 0.89 | 194 |
| BRW101286 | 461  | 3.47 | 1.7  | 0.4 | 0.7  | 2.4  | 158 | 0.05 | 0.1  | 0.05 | 75  | 1.58 | 0.241 | 9   | 8   | 0.63 | 231 |
| BRW101287 | 591  | 2.88 | 2    | 0.2 | 0.25 | 0.9  | 72  | 0.1  | 0.05 | 0.05 | 79  | 0.88 | 0.172 | 5   | 24  | 0.72 | 155 |
| BRW101290 | 1333 | 6.75 | 2.6  | 2.2 | 0.7  | 18.6 | 42  | 0.2  | 0.1  | 0.05 | 155 | 0.97 | 0.163 | 84  | 99  | 1.83 | 230 |
| BRW101293 | 392  | 4.02 | 3.6  | 1.2 | 7.4  | 16.9 | 8   | 0.05 | 0.05 | 0.05 | 72  | 0.35 | 0.105 | 90  | 47  | 0.29 | 163 |
| BRW101456 | 260  | 2.09 | 4.9  | 0.7 | 4.8  | 2.7  | 37  | 0.1  | 0.3  | 0.05 | 53  | 0.76 | 0.063 | 10  | 34  | 0.68 | 181 |
| BRW101458 | 208  | 1.98 | 2.1  | 0.2 | 0.25 | 1.3  | 24  | 0.05 | 0.05 | 0.05 | 54  | 0.61 | 0.037 | 4   | 228 | 1.3  | 119 |
| BRW101458 | 206  | 1.95 | 2.1  | 0.2 | 0.25 | 1.3  | 25  | 0.05 | 0.05 | 0.05 | 54  | 0.61 | 0.036 | 4   | 228 | 1.27 | 120 |
| BRW104133 | 212  | 2.55 | 30.5 | 1.3 | 2.4  | 8.8  | 27  | 0.1  | 1.2  | 0.2  | 52  | 0.09 | 0.026 | 21  | 32  | 0.29 | 223 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW113706 | 0.155 | 0.5 | 1.96 | 0.009 | 0.69 | 0.1  | 0.01  | 2.8  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000138 |
| BRW113707 | 0.126 | 1   | 1.88 | 0.009 | 0.7  | 0.05 | 0.01  | 4.3  | 0.6  | 0.08  | 7  | 0.9  | 1DX15  | WHI10000138 |
| BRW113732 | 0.093 | 1   | 2    | 0.025 | 0.06 | 0.1  | 0.03  | 3.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000138 |
| BRW113733 | 0.1   | 2   | 1.89 | 0.027 | 0.05 | 0.1  | 0.04  | 3.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW113734 | 0.089 | 0.5 | 1.83 | 0.039 | 0.04 | 0.1  | 0.01  | 3.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW113791 | 0.153 | 0.5 | 1.71 | 0.015 | 0.24 | 1.2  | 0.005 | 9.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW113799 | 0.037 | 2   | 2.9  | 0.013 | 0.14 | 0.5  | 0.12  | 53   | 0.05 | 0.025 | 11 | 0.8  | 1DX15  | WHI10000138 |
| BRW113801 | 0.106 | 1   | 1.73 | 0.034 | 0.08 | 0.2  | 0.02  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW113805 | 0.129 | 0.5 | 2.01 | 0.05  | 0.07 | 0.2  | 0.01  | 4.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW113806 | 0.098 | 0.5 | 1.72 | 0.097 | 0.09 | 0.05 | 0.005 | 3.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW113807 | 0.206 | 2   | 5.1  | 0.052 | 0.09 | 0.05 | 0.01  | 8.6  | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000138 |
| BRW113808 | 0.125 | 1   | 2.61 | 0.032 | 0.06 | 0.1  | 0.01  | 3.9  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000138 |
| BRW113809 | 0.219 | 1   | 4.32 | 0.023 | 0.08 | 0.05 | 0.01  | 3.8  | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000138 |
| BRW113827 | 0.077 | 0.5 | 2.02 | 0.02  | 0.03 | 0.05 | 0.03  | 9.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW113829 | 0.061 | 0.5 | 1.18 | 0.004 | 0.36 | 0.05 | 0.02  | 5.6  | 0.3  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000138 |
| BRW113830 | 0.106 | 0.5 | 1.98 | 0.007 | 0.71 | 0.05 | 0.01  | 5.5  | 0.6  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000138 |
| BRW113830 | 0.104 | 0.5 | 1.86 | 0.007 | 0.7  | 0.05 | 0.01  | 5.3  | 0.6  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000138 |
| BRW113831 | 0.054 | 0.5 | 1.4  | 0.006 | 0.34 | 0.05 | 0.02  | 6.4  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000138 |
| BRW113834 | 0.089 | 0.5 | 2.23 | 0.015 | 0.18 | 0.05 | 0.02  | 4.8  | 0.2  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000138 |
| BRW113835 | 0.088 | 0.5 | 1.34 | 0.022 | 0.06 | 0.05 | 0.005 | 15   | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000138 |
| BRW114077 | 0.04  | 0.5 | 1.26 | 0.016 | 0.03 | 0.05 | 0.005 | 4.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW114079 | 0.039 | 1   | 1.43 | 0.01  | 0.1  | 0.05 | 0.01  | 8.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW114080 | 0.062 | 0.5 | 1.63 | 0.012 | 0.06 | 0.05 | 0.03  | 4.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW114083 | 0.07  | 0.5 | 1.61 | 0.018 | 0.14 | 0.05 | 0.03  | 4.2  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW114088 | 0.078 | 0.5 | 1.62 | 0.025 | 0.05 | 0.05 | 0.005 | 2.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW114093 | 0.105 | 0.5 | 1.73 | 0.011 | 0.12 | 0.05 | 0.005 | 3.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW114095 | 0.179 | 0.5 | 2.74 | 0.011 | 0.75 | 0.05 | 0.005 | 8.9  | 0.7  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000138 |
| BRW114095 | 0.182 | 1   | 2.8  | 0.01  | 0.78 | 0.05 | 0.02  | 8.9  | 0.7  | 0.025 | 10 | 0.6  | 1DX15  | WHI10000138 |
| BRW114153 | 0.095 | 1   | 2.21 | 0.024 | 0.05 | 0.05 | 0.02  | 5.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW114174 | 0.124 | 0.5 | 2.14 | 0.113 | 0.08 | 0.05 | 0.01  | 9.3  | 0.05 | 0.025 | 7  | 0.8  | 1DX15  | WHI10000138 |
| BRW114178 | 0.156 | 2   | 2.56 | 0.034 | 0.06 | 0.05 | 0.01  | 4    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000138 |
| BRW114316 | 0.171 | 1   | 2.54 | 0.044 | 0.2  | 0.05 | 0.005 | 6    | 0.05 | 0.025 | 9  | 0.6  | 1DX15  | WHI10000138 |
| BRW114318 | 0.213 | 1   | 2.81 | 0.041 | 0.36 | 0.05 | 0.01  | 8.9  | 0.05 | 0.025 | 11 | 0.7  | 1DX15  | WHI10000138 |
| BRW114323 | 0.055 | 0.5 | 3.19 | 0.023 | 0.13 | 0.05 | 0.01  | 12.5 | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000138 |
| BRW114324 | 0.151 | 0.5 | 2.92 | 0.022 | 0.03 | 0.05 | 0.01  | 8.9  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000138 |
| BRW114328 | 0.196 | 0.5 | 2.09 | 0.01  | 0.93 | 0.05 | 0.03  | 9.5  | 0.7  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000138 |
| BRW114329 | 0.024 | 1   | 1.18 | 0.006 | 0.2  | 0.05 | 0.03  | 4    | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW114330 | 0.286 | 0.5 | 3.09 | 0.009 | 1.37 | 0.05 | 0.005 | 5.5  | 0.7  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000138 |
| BRW114331 | 0.114 | 0.5 | 2.97 | 0.011 | 0.7  | 0.05 | 0.01  | 6.2  | 0.3  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000138 |
| BRW114332 | 0.103 | 0.5 | 1.97 | 0.012 | 0.09 | 0.05 | 0.01  | 4.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW114333 | 0.127 | 0.5 | 2.73 | 0.027 | 0.16 | 0.05 | 0.01  | 4    | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000138 |
| BRW114335 | 0.102 | 0.5 | 2.26 | 0.048 | 0.06 | 0.1  | 0.03  | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW114336 | 0.159 | 2   | 2.18 | 0.018 | 0.46 | 0.1  | 0.01  | 3.2  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW114337 | 0.16  | 0.5 | 2.14 | 0.02  | 0.47 | 0.1  | 0.005 | 3.7  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW90595  | 0.071 | 0.5 | 1.83 | 0.129 | 0.07 | 0.05 | 0.005 | 15.2 | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000138 |
| BRW90619  | 0.06  | 1   | 2.19 | 0.023 | 0.18 | 0.05 | 0.02  | 5    | 0.05 | 0.025 | 7  | 0.6  | 1DX15  | WHI10000138 |
| BRW90620  | 0.074 | 1   | 2.07 | 0.021 | 0.22 | 0.05 | 0.02  | 4.9  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000138 |
| BRW93378  | 0.079 | 1   | 1.86 | 0.017 | 0.08 | 0.05 | 0.03  | 4.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000138 |
| BRW93379  | 0.073 | 0.5 | 1.92 | 0.02  | 0.09 | 0.05 | 0.05  | 5    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000138 |
| BRW93380  | 0.076 | 0.5 | 2.05 | 0.017 | 0.1  | 0.05 | 0.06  | 4.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000138 |
| BRW93381  | 0.087 | 0.5 | 1.98 | 0.027 | 0.08 | 0.05 | 0.05  | 4.5  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000138 |
| BRW93382  | 0.102 | 1   | 1.62 | 0.015 | 0.06 | 0.05 | 0.04  | 3.6  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000138 |
| BRW101281 | 0.081 | 1   | 1.7  | 0.014 | 0.07 | 0.05 | 0.005 | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000172 |
| BRW101283 | 0.105 | 2   | 2.66 | 0.069 | 0.1  | 0.05 | 0.005 | 5.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW101285 | 0.125 | 2   | 2.12 | 0.051 | 0.09 | 0.05 | 0.01  | 5.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW101286 | 0.074 | 1   | 2.45 | 0.063 | 0.07 | 0.05 | 0.01  | 9.1  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000172 |
| BRW101287 | 0.105 | 2   | 2.18 | 0.041 | 0.1  | 0.05 | 0.005 | 5.1  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000172 |
| BRW101290 | 0.077 | 2   | 2.8  | 0.011 | 0.29 | 0.05 | 0.02  | 18.1 | 0.2  | 0.025 | 10 | 1.2  | 1DX15  | WHI10000172 |
| BRW101293 | 0.032 | 2   | 1.04 | 0.005 | 0.3  | 0.05 | 0.005 | 4.6  | 0.5  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000172 |
| BRW101456 | 0.068 | 0.5 | 1.6  | 0.022 | 0.05 | 0.1  | 0.03  | 4.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000172 |
| BRW101458 | 0.133 | 0.5 | 2.09 | 0.011 | 0.09 | 0.05 | 0.005 | 3    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW101458 | 0.134 | 0.5 | 2.05 | 0.011 | 0.09 | 0.05 | 0.005 | 3    | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW104133 | 0.054 | 1   | 1.17 | 0.006 | 0.11 | 0.05 | 0.02  | 4.3  | 0.3  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000172 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|------|------|
| BRW104136 | Soil | 600222     | 7004073    | 07V      | 2.4 | 30.3  | 12.1 | 96  | 0.2  | 25.8 | 10.3 |
| BRW104139 | Soil | 600105     | 7003979    | 07V      | 1.6 | 47.2  | 9.1  | 53  | 0.05 | 33.8 | 11   |
| BRW108173 | Soil | 600361     | 7004054    | 07V      | 4.7 | 50.8  | 16.3 | 116 | 0.1  | 36.5 | 11.3 |
| BRW108173 | REP  | 600361     | 7004054    | 07V      | 4.8 | 50    | 16.3 | 118 | 0.1  | 35.4 | 11.5 |
| BRW108175 | Soil | 600282     | 7003990    | 07V      | 1.9 | 65.5  | 11.7 | 129 | 0.1  | 57.1 | 16.3 |
| BRW108179 | Soil | 600126     | 7003869    | 07V      | 3.8 | 83    | 7.4  | 101 | 0.2  | 48.9 | 17.7 |
| BRW108640 | Soil | 599407     | 7001784    | 07V      | 0.3 | 78.4  | 1.8  | 64  | 0.05 | 21.9 | 20.4 |
| BRW108779 | Soil | 599296     | 7002332    | 07V      | 0.3 | 37    | 2.7  | 56  | 0.05 | 16.5 | 13.1 |
| BRW108805 | Soil | 600282     | 7003101    | 07V      | 2.9 | 36.9  | 14.6 | 119 | 0.05 | 25.5 | 12.3 |
| BRW113604 | Soil | 599982     | 7002995    | 07V      | 0.3 | 21.2  | 2.5  | 25  | 0.05 | 19.5 | 13   |
| BRW113738 | Soil | 598792     | 7002571    | 07V      | 0.5 | 69.2  | 3.6  | 60  | 0.05 | 32.2 | 21.2 |
| BRW113740 | Soil | 598753     | 7002540    | 07V      | 0.5 | 17.8  | 4.7  | 58  | 0.05 | 20.2 | 13.9 |
| BRW113813 | Soil | 599307     | 7001832    | 07V      | 0.2 | 46.7  | 3.1  | 55  | 0.05 | 27.2 | 19.8 |
| BRW113816 | Soil | 599428     | 7001927    | 07V      | 0.3 | 87.8  | 2.8  | 53  | 0.1  | 34.8 | 20.2 |
| BRW113817 | Soil | 599464     | 7001956    | 07V      | 0.4 | 83.5  | 3.6  | 29  | 0.05 | 24.9 | 9.5  |
| BRW113818 | Soil | 599505     | 7001986    | 07V      | 0.3 | 38.3  | 3.5  | 61  | 0.05 | 44.3 | 18.6 |
| BRW113819 | Soil | 599544     | 7002018    | 07V      | 0.6 | 53.1  | 5.2  | 72  | 0.05 | 21.9 | 16.5 |
| BRW113820 | Soil | 599584     | 7002048    | 07V      | 0.3 | 28.4  | 2.7  | 76  | 0.05 | 12.9 | 16.5 |
| BRW113821 | Soil | 599622     | 7002078    | 07V      | 0.6 | 39    | 4.4  | 85  | 0.05 | 17.5 | 15.4 |
| BRW113821 | REP  | 599622     | 7002078    | 07V      | 0.6 | 38.5  | 4.5  | 85  | 0.05 | 17.2 | 15.5 |
| BRW113822 | Soil | 599661     | 7002109    | 07V      | 0.8 | 46.1  | 3.1  | 94  | 0.05 | 19.1 | 21.1 |
| BRW113823 | Soil | 599700     | 7002141    | 07V      | 1.5 | 61.7  | 4.2  | 119 | 0.05 | 35.7 | 15   |
| BRW113824 | Soil | 599700     | 7002141    | 07V      | 1.3 | 63.5  | 4.2  | 114 | 0.05 | 32.9 | 14.6 |
| BRW113837 | Soil | 600213     | 7002538    | 07V      | 0.1 | 88.7  | 2.5  | 44  | 0.05 | 30.9 | 18.9 |
| BRW113921 | Soil | 600225     | 7002930    | 07V      | 0.5 | 54.6  | 4.5  | 36  | 0.05 | 52.9 | 28.3 |
| BRW113923 | Soil | 600305     | 7002993    | 07V      | 2.1 | 44.2  | 16.8 | 127 | 0.1  | 42.1 | 12.6 |
| BRW114072 | Soil | 599559     | 7002156    | 07V      | 0.4 | 45.8  | 2.7  | 73  | 0.05 | 17   | 21.1 |
| BRW114075 | Soil | 599675     | 7002247    | 07V      | 0.4 | 51.9  | 6.2  | 55  | 0.05 | 35.1 | 15.7 |
| BRW114076 | Soil | 599718     | 7002277    | 07V      | 0.3 | 28.5  | 4.2  | 42  | 0.05 | 16.5 | 10.9 |
| BRW114078 | Soil | 599795     | 7002340    | 07V      | 0.4 | 26.6  | 2.3  | 40  | 0.05 | 17   | 11.8 |
| BRW114081 | Soil | 599913     | 7002432    | 07V      | 0.7 | 28.4  | 8.4  | 72  | 0.05 | 22   | 9.1  |
| BRW114082 | Soil | 599954     | 7002463    | 07V      | 1.4 | 34.1  | 15.9 | 86  | 0.05 | 21.1 | 6.1  |
| BRW114084 | Soil | 600032     | 7002526    | 07V      | 0.9 | 26.5  | 9.1  | 52  | 0.05 | 21.2 | 9.2  |
| BRW114085 | Soil | 600072     | 7002556    | 07V      | 0.6 | 30.8  | 9    | 67  | 0.05 | 29.5 | 14.8 |
| BRW114086 | Soil | 600110     | 7002587    | 07V      | 0.2 | 22.3  | 2.3  | 17  | 0.05 | 28.9 | 6.6  |
| BRW114087 | Soil | 600150     | 7002618    | 07V      | 0.4 | 29.3  | 3.4  | 29  | 0.05 | 24.4 | 9.9  |
| BRW114087 | REP  | 600150     | 7002618    | 07V      | 0.4 | 28.3  | 3    | 30  | 0.05 | 24.1 | 9.7  |
| BRW114090 | Soil | 600269     | 7002710    | 07V      | 0.1 | 38    | 2.6  | 15  | 0.05 | 52.7 | 12.4 |
| BRW114092 | Soil | 600349     | 7002772    | 07V      | 0.7 | 11.9  | 5.8  | 40  | 0.2  | 12   | 6    |
| BRW114094 | Soil | 600428     | 7002833    | 07V      | 1.4 | 17.1  | 13.6 | 59  | 0.2  | 27.2 | 10.2 |
| BRW114096 | Soil | 600466     | 7002865    | 07V      | 2.6 | 32.2  | 5.9  | 84  | 0.1  | 36.8 | 13.6 |
| BRW114151 | Soil | 600097     | 7003338    | 07V      | 2.4 | 44.1  | 18.3 | 132 | 0.3  | 39.9 | 11.8 |
| BRW114152 | Soil | 600054     | 7003303    | 07V      | 0.8 | 42.2  | 9.6  | 65  | 0.1  | 42.8 | 16   |
| BRW114156 | Soil | 599856     | 7003148    | 07V      | 0.4 | 25    | 5.4  | 44  | 0.05 | 16.4 | 17.1 |
| BRW114157 | Soil | 599818     | 7003118    | 07V      | 0.5 | 31.7  | 5.1  | 36  | 0.05 | 36.9 | 14.6 |
| BRW114158 | Soil | 599775     | 7003086    | 07V      | 0.2 | 23.1  | 8.2  | 29  | 0.05 | 54.3 | 14.7 |
| BRW114182 | Soil | 599183     | 7001990    | 07V      | 0.2 | 81.5  | 2.8  | 55  | 0.05 | 25.3 | 18.6 |
| BRW114183 | Soil | 599220     | 7002021    | 07V      | 0.5 | 49    | 4.8  | 54  | 0.05 | 33.6 | 15.3 |
| BRW114184 | Soil | 599261     | 7002052    | 07V      | 0.4 | 43.7  | 3.2  | 52  | 0.05 | 89.4 | 22.4 |
| BRW114185 | Soil | 599299     | 7002083    | 07V      | 0.6 | 44.6  | 3.7  | 54  | 0.1  | 89.2 | 21.4 |
| BRW114186 | Soil | 599342     | 7002114    | 07V      | 0.4 | 107.1 | 5    | 47  | 0.1  | 30.9 | 15.4 |
| BRW114187 | Soil | 599381     | 7002144    | 07V      | 0.6 | 64.9  | 3.6  | 32  | 0.05 | 20.4 | 10.7 |
| BRW114188 | Soil | 599421     | 7002175    | 07V      | 1.4 | 55.3  | 5.2  | 60  | 0.05 | 37.7 | 16.4 |
| BRW114189 | Soil | 599462     | 7002206    | 07V      | 0.9 | 63.8  | 5.6  | 89  | 0.05 | 17.3 | 22.4 |
| BRW114190 | Soil | 599501     | 7002237    | 07V      | 1.2 | 45    | 6.5  | 50  | 0.05 | 24.1 | 17.4 |
| BRW114191 | Soil | 599541     | 7002268    | 07V      | 0.5 | 26.7  | 5.5  | 74  | 0.05 | 15.6 | 15.3 |
| BRW114202 | Soil | 599976     | 7002604    | 07V      | 1.3 | 30.5  | 12   | 92  | 0.05 | 30.6 | 9.6  |
| BRW114203 | Soil | 600012     | 7002636    | 07V      | 0.9 | 26.2  | 8.2  | 59  | 0.05 | 24.5 | 9.1  |
| BRW114315 | Soil | 599523     | 7001879    | 07V      | 0.4 | 128.5 | 2    | 34  | 0.05 | 21.3 | 21.1 |
| BRW114321 | Soil | 599761     | 7002063    | 07V      | 0.1 | 19.4  | 6.1  | 84  | 0.05 | 6.7  | 18.8 |
| BRW114322 | Soil | 599804     | 7002093    | 07V      | 0.3 | 38.3  | 2.6  | 35  | 0.05 | 32.2 | 14   |
| BRW114326 | Soil | 599957     | 7002213    | 07V      | 0.3 | 44.3  | 12.3 | 233 | 0.05 | 50.2 | 14.7 |
| BRW114327 | Soil | 599996     | 7002244    | 07V      | 1.3 | 37.9  | 18.9 | 205 | 0.05 | 39.9 | 5.7  |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|-----|------|------|------|-----|------|-------|----|-----|------|-----|
| BRW104136 | 623  | 3.11 | 8.8  | 1.2 | 0.8  | 6.6  | 34  | 0.2  | 1    | 0.1  | 70  | 0.3  | 0.057 | 20 | 37  | 0.51 | 338 |
| BRW104139 | 347  | 2.97 | 14.9 | 1   | 4.1  | 6.2  | 35  | 0.05 | 0.8  | 0.2  | 71  | 0.4  | 0.063 | 18 | 44  | 0.55 | 178 |
| BRW108173 | 765  | 3.18 | 20.3 | 1.7 | 6.7  | 9.5  | 30  | 0.1  | 1.2  | 0.2  | 64  | 0.24 | 0.027 | 21 | 51  | 0.55 | 364 |
| BRW108173 | 770  | 3.2  | 20.8 | 1.6 | 6.1  | 9.6  | 26  | 0.2  | 1.1  | 0.2  | 66  | 0.25 | 0.027 | 22 | 52  | 0.57 | 372 |
| BRW108175 | 466  | 4.82 | 9.5  | 1.8 | 4.4  | 16.3 | 18  | 0.1  | 0.5  | 0.2  | 99  | 0.3  | 0.072 | 41 | 66  | 1.35 | 304 |
| BRW108179 | 1399 | 3.94 | 26.7 | 1.4 | 6.7  | 5.6  | 32  | 0.2  | 1.2  | 0.1  | 53  | 0.26 | 0.06  | 18 | 26  | 0.39 | 170 |
| BRW108640 | 534  | 3.62 | 2    | 0.3 | 0.5  | 0.6  | 163 | 0.05 | 0.1  | 0.05 | 111 | 1.7  | 0.076 | 2  | 34  | 1.84 | 98  |
| BRW108779 | 348  | 2.69 | 1.9  | 0.3 | 1.6  | 1.8  | 65  | 0.05 | 0.05 | 0.05 | 87  | 1.03 | 0.075 | 8  | 37  | 0.93 | 120 |
| BRW108805 | 523  | 4.34 | 3.8  | 1.1 | 2.1  | 27.1 | 13  | 0.1  | 0.1  | 0.05 | 54  | 0.19 | 0.048 | 76 | 26  | 0.27 | 175 |
| BRW113604 | 207  | 1.71 | 3.4  | 0.5 | 1.7  | 2.1  | 23  | 0.05 | 0.2  | 0.05 | 48  | 0.54 | 0.028 | 6  | 22  | 0.74 | 101 |
| BRW113738 | 434  | 3.92 | 6.7  | 0.3 | 1    | 1.8  | 95  | 0.2  | 1.2  | 0.05 | 111 | 1.29 | 0.062 | 4  | 54  | 1.55 | 156 |
| BRW113740 | 402  | 3.19 | 4.1  | 0.2 | 0.25 | 1.4  | 107 | 0.1  | 0.3  | 0.05 | 72  | 0.86 | 0.042 | 5  | 30  | 1.12 | 192 |
| BRW113813 | 441  | 3.37 | 1.8  | 0.3 | 0.25 | 2.3  | 95  | 0.05 | 0.1  | 0.05 | 101 | 0.97 | 0.077 | 5  | 33  | 1.58 | 194 |
| BRW113816 | 492  | 3.23 | 2.4  | 0.6 | 1.3  | 2    | 109 | 0.05 | 0.2  | 0.05 | 90  | 1.09 | 0.067 | 6  | 65  | 1.62 | 110 |
| BRW113817 | 205  | 1.77 | 3.8  | 0.4 | 1.7  | 2.7  | 48  | 0.05 | 0.4  | 0.05 | 45  | 0.58 | 0.033 | 9  | 30  | 0.65 | 81  |
| BRW113818 | 476  | 3.43 | 2.9  | 0.5 | 0.25 | 1.6  | 116 | 0.05 | 0.3  | 0.05 | 92  | 1.69 | 0.115 | 5  | 44  | 1.7  | 112 |
| BRW113819 | 457  | 4.1  | 4.7  | 0.4 | 1.2  | 3.4  | 107 | 0.05 | 0.4  | 0.05 | 95  | 1.23 | 0.193 | 10 | 34  | 0.84 | 212 |
| BRW113820 | 570  | 3.78 | 2.7  | 0.5 | 0.25 | 4.1  | 139 | 0.1  | 0.5  | 0.05 | 124 | 1.36 | 0.103 | 16 | 41  | 1.19 | 97  |
| BRW113821 | 481  | 4.59 | 4.7  | 0.5 | 0.7  | 3.7  | 99  | 0.05 | 0.4  | 0.05 | 102 | 1    | 0.155 | 13 | 32  | 1.02 | 178 |
| BRW113821 | 475  | 4.54 | 4.5  | 0.5 | 3.9  | 3.7  | 96  | 0.05 | 0.4  | 0.05 | 101 | 0.96 | 0.147 | 13 | 31  | 1    | 179 |
| BRW113822 | 584  | 4.91 | 5.1  | 0.5 | 0.5  | 4.5  | 107 | 0.05 | 0.2  | 0.05 | 118 | 1.15 | 0.091 | 12 | 38  | 1.7  | 309 |
| BRW113823 | 801  | 5.34 | 7.7  | 1.5 | 0.7  | 12.1 | 41  | 0.1  | 0.5  | 0.1  | 94  | 0.88 | 0.185 | 36 | 42  | 1.18 | 818 |
| BRW113824 | 785  | 5.44 | 7.6  | 1.4 | 1    | 12.1 | 42  | 0.1  | 0.5  | 0.1  | 89  | 0.9  | 0.19  | 36 | 40  | 1.16 | 809 |
| BRW113837 | 288  | 3.21 | 0.6  | 0.5 | 0.25 | 1.4  | 31  | 0.05 | 0.05 | 0.05 | 92  | 1.47 | 0.407 | 5  | 25  | 1.22 | 134 |
| BRW113921 | 298  | 3.05 | 4.6  | 0.2 | 0.7  | 1.7  | 20  | 0.05 | 0.2  | 0.05 | 94  | 0.43 | 0.02  | 5  | 34  | 0.98 | 90  |
| BRW113923 | 451  | 3.52 | 3.2  | 1.1 | 1    | 25.3 | 15  | 0.1  | 0.2  | 0.05 | 61  | 0.32 | 0.046 | 49 | 44  | 0.26 | 198 |
| BRW114072 | 537  | 4.95 | 1.8  | 0.5 | 1.5  | 1.3  | 98  | 0.05 | 0.2  | 0.05 | 127 | 1.97 | 0.331 | 7  | 36  | 1.23 | 144 |
| BRW114075 | 563  | 3.31 | 2.9  | 0.5 | 0.7  | 3.5  | 57  | 0.05 | 0.2  | 0.05 | 67  | 0.88 | 0.05  | 9  | 119 | 1.22 | 182 |
| BRW114076 | 185  | 2.67 | 4.5  | 0.4 | 0.6  | 1.7  | 31  | 0.05 | 0.2  | 0.05 | 66  | 0.63 | 0.051 | 7  | 60  | 0.9  | 283 |
| BRW114078 | 173  | 2.47 | 4    | 0.4 | 0.5  | 1.2  | 22  | 0.05 | 0.1  | 0.05 | 60  | 0.59 | 0.078 | 5  | 42  | 0.73 | 160 |
| BRW114081 | 272  | 3.01 | 3.9  | 1.5 | 1.9  | 5.2  | 22  | 0.05 | 0.3  | 0.1  | 67  | 0.35 | 0.037 | 20 | 43  | 0.64 | 318 |
| BRW114082 | 228  | 2.96 | 2.8  | 2.6 | 4.5  | 21.9 | 22  | 0.05 | 0.3  | 0.2  | 42  | 0.19 | 0.041 | 74 | 27  | 0.42 | 242 |
| BRW114084 | 227  | 2.71 | 9.4  | 1.1 | 3.4  | 4.3  | 23  | 0.05 | 0.3  | 0.1  | 62  | 0.33 | 0.036 | 18 | 38  | 0.48 | 227 |
| BRW114085 | 247  | 2.81 | 5.5  | 1   | 2.4  | 4.8  | 25  | 0.1  | 0.3  | 0.1  | 69  | 0.38 | 0.022 | 17 | 44  | 0.73 | 264 |
| BRW114086 | 70   | 0.99 | 1.4  | 0.3 | 0.8  | 1    | 45  | 0.05 | 0.05 | 0.05 | 21  | 0.74 | 0.014 | 3  | 62  | 0.49 | 231 |
| BRW114087 | 121  | 1.68 | 3    | 0.6 | 1.1  | 3.1  | 24  | 0.05 | 0.1  | 0.05 | 39  | 0.45 | 0.013 | 12 | 57  | 0.63 | 178 |
| BRW114087 | 120  | 1.67 | 3.2  | 0.6 | 0.25 | 3.1  | 24  | 0.05 | 0.2  | 0.05 | 37  | 0.44 | 0.013 | 11 | 57  | 0.65 | 172 |
| BRW114090 | 170  | 1.36 | 1    | 0.1 | 0.25 | 0.7  | 54  | 0.05 | 0.05 | 0.05 | 26  | 1.39 | 0.029 | 2  | 67  | 0.93 | 155 |
| BRW114092 | 328  | 1.57 | 1.5  | 0.3 | 3.4  | 2.1  | 21  | 0.05 | 0.2  | 0.2  | 47  | 0.22 | 0.035 | 9  | 21  | 0.5  | 104 |
| BRW114094 | 640  | 2.29 | 7.3  | 0.7 | 7.2  | 5.7  | 90  | 0.2  | 0.4  | 0.1  | 53  | 3.9  | 0.034 | 23 | 34  | 0.42 | 276 |
| BRW114096 | 434  | 4.4  | 3.9  | 0.7 | 0.6  | 20   | 15  | 0.05 | 0.2  | 0.05 | 93  | 0.29 | 0.022 | 56 | 65  | 0.72 | 290 |
| BRW114151 | 460  | 2.77 | 56.7 | 1.7 | 3    | 11.7 | 43  | 0.8  | 1.9  | 0.05 | 39  | 0.67 | 0.049 | 25 | 25  | 0.25 | 354 |
| BRW114152 | 495  | 3.21 | 56.9 | 0.9 | 2.8  | 7.9  | 21  | 0.1  | 0.7  | 0.05 | 56  | 0.91 | 0.056 | 31 | 47  | 0.84 | 212 |
| BRW114156 | 530  | 2.07 | 2.9  | 0.7 | 0.5  | 6.7  | 23  | 0.05 | 0.05 | 0.05 | 53  | 0.56 | 0.082 | 13 | 30  | 0.75 | 107 |
| BRW114157 | 255  | 2.48 | 6    | 0.6 | 1.6  | 2.7  | 23  | 0.05 | 0.3  | 0.05 | 56  | 0.33 | 0.01  | 10 | 45  | 0.85 | 203 |
| BRW114158 | 161  | 2.04 | 2.9  | 0.2 | 1.7  | 1.7  | 23  | 0.05 | 0.05 | 0.05 | 39  | 0.52 | 0.023 | 4  | 63  | 1.23 | 108 |
| BRW114182 | 468  | 3.45 | 1.5  | 0.3 | 0.25 | 1.8  | 93  | 0.05 | 0.05 | 0.05 | 102 | 1.51 | 0.133 | 6  | 28  | 1.26 | 277 |
| BRW114183 | 409  | 2.88 | 4.1  | 0.5 | 1.2  | 2.8  | 76  | 0.05 | 0.3  | 0.05 | 80  | 0.86 | 0.055 | 8  | 57  | 1.07 | 254 |
| BRW114184 | 316  | 2.96 | 2.4  | 0.6 | 0.25 | 2.8  | 102 | 0.05 | 0.2  | 0.05 | 66  | 1.06 | 0.048 | 7  | 85  | 1.89 | 183 |
| BRW114185 | 341  | 2.93 | 3    | 0.5 | 0.8  | 2.8  | 99  | 0.05 | 0.2  | 0.05 | 66  | 1.05 | 0.047 | 7  | 84  | 1.84 | 192 |
| BRW114186 | 302  | 2.79 | 4.8  | 0.4 | 5.2  | 1.5  | 111 | 0.2  | 0.8  | 0.05 | 84  | 1.36 | 0.037 | 6  | 52  | 1.23 | 99  |
| BRW114187 | 256  | 2.11 | 3.1  | 0.2 | 0.25 | 1    | 54  | 0.05 | 0.2  | 0.05 | 63  | 0.52 | 0.058 | 5  | 32  | 0.74 | 142 |
| BRW114188 | 397  | 3.86 | 6.6  | 0.6 | 0.8  | 3.5  | 36  | 0.1  | 0.4  | 0.05 | 119 | 0.56 | 0.043 | 10 | 58  | 1.02 | 331 |
| BRW114189 | 635  | 5.37 | 2.8  | 0.4 | 0.7  | 2.2  | 148 | 0.05 | 0.3  | 0.05 | 171 | 1.15 | 0.037 | 6  | 21  | 1.27 | 155 |
| BRW114190 | 389  | 3.33 | 4.6  | 0.5 | 2.7  | 3.1  | 51  | 0.05 | 0.5  | 0.1  | 92  | 0.77 | 0.034 | 9  | 37  | 0.78 | 202 |
| BRW114191 | 486  | 3.73 | 4.8  | 1   | 6.6  | 5.3  | 74  | 0.05 | 0.3  | 0.05 | 83  | 0.69 | 0.049 | 18 | 26  | 1.09 | 248 |
| BRW114202 | 315  | 3.17 | 5.3  | 1.6 | 1.8  | 10.9 | 20  | 0.1  | 0.3  | 0.1  | 61  | 0.29 | 0.043 | 40 | 42  | 0.45 | 242 |
| BRW114203 | 253  | 2.61 | 6.5  | 1.7 | 3    | 6.4  | 25  | 0.1  | 0.3  | 0.1  | 60  | 0.39 | 0.048 | 23 | 37  | 0.47 | 245 |
| BRW114315 | 386  | 2.52 | 2.7  | 0.3 | 0.25 | 0.9  | 51  | 0.05 | 0.1  | 0.05 | 92  | 1.39 | 0.136 | 3  | 12  | 1.14 | 112 |
| BRW114321 | 553  | 4.14 | 15.2 | 0.3 | 0.25 | 2.6  | 71  | 0.05 | 0.1  | 0.05 | 98  | 0.96 | 0.083 | 7  | 13  | 1.45 | 453 |
| BRW114322 | 160  | 2.02 | 3.2  | 0.2 | 0.7  | 1.5  | 52  | 0.05 | 0.05 | 0.05 | 43  | 0.45 | 0.028 | 4  | 83  | 0.87 | 180 |
| BRW114326 | 515  | 4.53 | 0.9  | 1.3 | 1    | 11.5 | 17  | 0.2  | 0.05 | 0.05 | 137 | 0.62 | 0.16  | 33 | 105 | 1.27 | 408 |
| BRW114327 | 521  | 4.11 | 0.25 | 2.2 | 0.25 | 19.6 | 9   | 0.05 | 0.1  | 0.05 | 20  | 0.19 | 0.045 | 44 | 10  | 0.14 | 180 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW104136 | 0.061 | 0.5 | 1.66 | 0.011 | 0.28 | 0.05 | 0.005 | 4.2  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000172 |
| BRW104139 | 0.104 | 1   | 1.78 | 0.021 | 0.11 | 0.2  | 0.01  | 6.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW108173 | 0.081 | 1   | 2.08 | 0.012 | 0.16 | 0.05 | 0.05  | 6.6  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000172 |
| BRW108173 | 0.085 | 0.5 | 2.14 | 0.011 | 0.16 | 0.1  | 0.04  | 6.6  | 0.3  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000172 |
| BRW108175 | 0.178 | 0.5 | 2.73 | 0.016 | 1.31 | 0.05 | 0.01  | 6.6  | 0.6  | 0.025 | 10 | 0.9  | 1DX15  | WHI10000172 |
| BRW108179 | 0.027 | 1   | 1.17 | 0.008 | 0.28 | 0.1  | 0.02  | 7    | 0.2  | 0.025 | 4  | 1.2  | 1DX15  | WHI10000172 |
| BRW108640 | 0.123 | 4   | 3.17 | 0.046 | 0.07 | 0.05 | 0.01  | 7.7  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000172 |
| BRW108779 | 0.115 | 1   | 2.27 | 0.055 | 0.08 | 0.05 | 0.005 | 6.5  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000172 |
| BRW108805 | 0.02  | 2   | 1.32 | 0.005 | 0.43 | 0.05 | 0.02  | 5.5  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW113604 | 0.061 | 1   | 1.55 | 0.022 | 0.03 | 0.05 | 0.03  | 4.6  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000172 |
| BRW113738 | 0.291 | 2   | 3.56 | 0.057 | 0.1  | 0.05 | 0.005 | 5.3  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000172 |
| BRW113740 | 0.177 | 2   | 3.24 | 0.014 | 0.07 | 0.05 | 0.005 | 2.5  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000172 |
| BRW113813 | 0.295 | 1   | 2.52 | 0.045 | 0.23 | 0.05 | 0.005 | 3.3  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW113816 | 0.131 | 1   | 2.67 | 0.061 | 0.1  | 0.05 | 0.005 | 6.1  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW113817 | 0.082 | 0.5 | 1.45 | 0.035 | 0.05 | 0.05 | 0.01  | 5.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000172 |
| BRW113818 | 0.149 | 2   | 3.49 | 0.072 | 0.08 | 0.05 | 0.005 | 7.1  | 0.05 | 0.025 | 9  | 0.25 | 1DX15  | WHI10000172 |
| BRW113819 | 0.149 | 0.5 | 2.32 | 0.101 | 0.15 | 0.05 | 0.005 | 8.2  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000172 |
| BRW113820 | 0.141 | 1   | 2.31 | 0.112 | 0.1  | 0.05 | 0.005 | 10.6 | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW113821 | 0.159 | 1   | 2.4  | 0.059 | 0.06 | 0.05 | 0.005 | 9.5  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000172 |
| BRW113821 | 0.157 | 0.5 | 2.33 | 0.058 | 0.06 | 0.05 | 0.02  | 9.6  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000172 |
| BRW113822 | 0.197 | 1   | 2.8  | 0.042 | 0.17 | 0.05 | 0.005 | 6.4  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000172 |
| BRW113823 | 0.065 | 0.5 | 2.77 | 0.029 | 0.4  | 0.05 | 0.02  | 11.7 | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000172 |
| BRW113824 | 0.072 | 2   | 2.71 | 0.031 | 0.4  | 0.05 | 0.02  | 12   | 0.2  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000172 |
| BRW113837 | 0.13  | 1   | 2.01 | 0.037 | 0.48 | 0.05 | 0.005 | 4.5  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW113921 | 0.076 | 1   | 2.3  | 0.011 | 0.04 | 0.1  | 0.005 | 5.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW113923 | 0.015 | 2   | 1.29 | 0.005 | 0.35 | 0.05 | 0.03  | 6.7  | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000172 |
| BRW114072 | 0.113 | 0.5 | 2.35 | 0.154 | 0.1  | 0.05 | 0.005 | 14.8 | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000172 |
| BRW114075 | 0.163 | 0.5 | 2.33 | 0.037 | 0.08 | 0.05 | 0.01  | 7.8  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000172 |
| BRW114076 | 0.097 | 1   | 1.92 | 0.027 | 0.06 | 0.05 | 0.005 | 5.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW114078 | 0.052 | 0.5 | 1.59 | 0.02  | 0.03 | 0.05 | 0.005 | 5.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000172 |
| BRW114081 | 0.079 | 0.5 | 1.99 | 0.011 | 0.2  | 0.05 | 0.03  | 6.6  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000172 |
| BRW114082 | 0.053 | 1   | 1.34 | 0.011 | 0.24 | 0.05 | 0.02  | 4.3  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000172 |
| BRW114084 | 0.07  | 0.5 | 1.93 | 0.012 | 0.06 | 0.1  | 0.02  | 4.6  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000172 |
| BRW114085 | 0.081 | 1   | 2.12 | 0.012 | 0.06 | 0.05 | 0.02  | 6.5  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000172 |
| BRW114086 | 0.036 | 0.5 | 2.42 | 0.129 | 0.03 | 0.05 | 0.005 | 2.5  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000172 |
| BRW114087 | 0.069 | 1   | 1.95 | 0.04  | 0.03 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000172 |
| BRW114087 | 0.068 | 0.5 | 1.95 | 0.032 | 0.03 | 0.05 | 0.005 | 3.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000172 |
| BRW114090 | 0.078 | 0.5 | 4.15 | 0.039 | 0.05 | 0.05 | 0.005 | 3.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW114092 | 0.085 | 0.5 | 1.02 | 0.018 | 0.11 | 0.05 | 0.005 | 2.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000172 |
| BRW114094 | 0.024 | 0.5 | 1.58 | 0.013 | 0.09 | 0.05 | 0.03  | 5.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW114096 | 0.112 | 2   | 2.15 | 0.009 | 0.5  | 0.05 | 0.01  | 6.8  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW114151 | 0.013 | 2   | 0.73 | 0.007 | 0.15 | 0.05 | 0.08  | 4.8  | 0.2  | 0.025 | 2  | 1.1  | 1DX15  | WHI10000172 |
| BRW114152 | 0.047 | 2   | 1.76 | 0.014 | 0.14 | 0.05 | 0.06  | 5.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW114156 | 0.071 | 0.5 | 1.74 | 0.014 | 0.07 | 0.05 | 0.01  | 4.7  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW114157 | 0.071 | 1   | 2.53 | 0.017 | 0.03 | 0.05 | 0.02  | 5.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW114158 | 0.085 | 0.5 | 2.3  | 0.014 | 0.06 | 0.05 | 0.01  | 2.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW114182 | 0.228 | 1   | 2.78 | 0.092 | 0.1  | 0.05 | 0.005 | 6    | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW114183 | 0.177 | 2   | 2.13 | 0.047 | 0.14 | 0.05 | 0.005 | 4    | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000172 |
| BRW114184 | 0.197 | 1   | 3.15 | 0.034 | 0.12 | 0.05 | 0.005 | 3.5  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000172 |
| BRW114185 | 0.192 | 0.5 | 3.05 | 0.035 | 0.13 | 0.05 | 0.005 | 3.6  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000172 |
| BRW114186 | 0.157 | 2   | 2.8  | 0.068 | 0.09 | 0.05 | 0.005 | 5.6  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW114187 | 0.082 | 1   | 1.7  | 0.028 | 0.06 | 0.05 | 0.005 | 3.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW114188 | 0.194 | 0.5 | 2.7  | 0.04  | 0.09 | 0.05 | 0.005 | 5.3  | 0.05 | 0.025 | 8  | 0.7  | 1DX15  | WHI10000172 |
| BRW114189 | 0.276 | 1   | 3.55 | 0.046 | 0.05 | 0.05 | 0.005 | 8.3  | 0.05 | 0.025 | 11 | 0.25 | 1DX15  | WHI10000172 |
| BRW114190 | 0.126 | 0.5 | 2.8  | 0.056 | 0.05 | 0.05 | 0.005 | 5.6  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW114191 | 0.13  | 0.5 | 2.45 | 0.024 | 0.07 | 0.05 | 0.005 | 5.4  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW114202 | 0.055 | 1   | 1.66 | 0.009 | 0.17 | 0.05 | 0.03  | 6    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW114203 | 0.066 | 2   | 1.66 | 0.015 | 0.06 | 0.05 | 0.03  | 5    | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW114315 | 0.091 | 2   | 2.71 | 0.065 | 0.09 | 0.05 | 0.005 | 7.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000172 |
| BRW114321 | 0.202 | 1   | 2.87 | 0.022 | 0.58 | 0.05 | 0.005 | 3.9  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000172 |
| BRW114322 | 0.07  | 0.5 | 1.67 | 0.013 | 0.03 | 0.05 | 0.005 | 3    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000172 |
| BRW114326 | 0.135 | 0.5 | 3.25 | 0.012 | 1.13 | 0.05 | 0.02  | 6.9  | 0.5  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000172 |
| BRW114327 | 0.009 | 0.5 | 1.06 | 0.008 | 0.14 | 0.05 | 0.01  | 7.2  | 0.3  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000172 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb    | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|------|-------|-----|------|------|------|
| BRW90615  | Soil | 600493     | 7002504    | 07V      | 1   | 21.3 | 8.8   | 68  | 0.1  | 20.8 | 9.5  |
| BRW90616  | Soil | 600534     | 7002536    | 07V      | 0.8 | 29.5 | 8.3   | 84  | 0.2  | 25.5 | 12.3 |
| BRW117743 | Soil | 597552     | 7006675    | 07V      | 0.8 | 22.8 | 10.5  | 57  | 0.05 | 24.1 | 9.8  |
| BRW121711 | Soil | 597183     | 7006581    | 07V      | 2.1 | 20.6 | 9.9   | 40  | 0.1  | 14.5 | 4.8  |
| BRW121715 | Soil | 597103     | 7006520    | 07V      | 0.9 | 48.1 | 11.6  | 71  | 0.05 | 49.2 | 13.8 |
| BRW121726 | Soil | 596942     | 7006647    | 07V      | 0.8 | 50.5 | 10.8  | 88  | 0.05 | 94.3 | 16.4 |
| BRW121732 | Soil | 597040     | 7006724    | 07V      | 1   | 55.5 | 13.9  | 61  | 0.05 | 27.1 | 9    |
| BRW121733 | Soil | 597059     | 7006739    | 07V      | 2   | 50.8 | 13.5  | 197 | 0.1  | 86.4 | 34.9 |
| BRW121733 | REP  | 597059     | 7006739    | 07V      | 1.9 | 47.6 | 12.9  | 187 | 0.1  | 80.6 | 33.2 |
| BRW128618 | Soil | 598720     | 7007210    | 07V      | 0.6 | 42.8 | 12.9  | 45  | 0.05 | 29.7 | 11   |
| BRW130616 | Soil | 597940     | 7007236    | 07V      | 0.4 | 18.5 | 29    | 119 | 0.05 | 32.9 | 11   |
| BRW135632 | Soil | 598052     | 7006688    | 07V      | 1.2 | 32.3 | 11.1  | 59  | 0.1  | 24.6 | 10   |
| BRW135634 | Soil | 598128     | 7006748    | 07V      | 0.6 | 51.2 | 7.8   | 62  | 0.05 | 51.3 | 14.6 |
| BRW135635 | Soil | 598169     | 7006779    | 07V      | 0.4 | 34.3 | 6.2   | 14  | 0.3  | 19   | 4.9  |
| BRW138060 | Soil | 599246     | 7006860    | 07V      | 1.4 | 25.1 | 50.3  | 92  | 0.3  | 24   | 9.9  |
| BRW138061 | Soil | 599210     | 7006831    | 07V      | 1.5 | 17.9 | 33.7  | 69  | 0.2  | 22.6 | 9.8  |
| BRW138062 | Soil | 599172     | 7006799    | 07V      | 2.2 | 36   | 143.2 | 84  | 1.2  | 34.3 | 10.3 |
| BRW138063 | Soil | 599131     | 7006770    | 07V      | 1.9 | 27.5 | 15.5  | 99  | 0.05 | 32.7 | 10.6 |
| BRW138065 | Soil | 599050     | 7006707    | 07V      | 1.4 | 20.5 | 16.1  | 80  | 0.2  | 27.1 | 9.8  |
| BRW138066 | Soil | 599012     | 7006678    | 07V      | 1.9 | 17.9 | 16    | 63  | 0.1  | 27.3 | 11.3 |
| BRW138067 | Soil | 598973     | 7006646    | 07V      | 2.2 | 17.7 | 18.3  | 60  | 0.05 | 24   | 9.3  |
| BRW138068 | Soil | 598933     | 7006617    | 07V      | 2.3 | 19.8 | 45.2  | 55  | 0.1  | 20.7 | 9.1  |
| BRW138069 | Soil | 598896     | 7006586    | 07V      | 1.5 | 16.1 | 11    | 54  | 0.05 | 19.3 | 7.2  |
| BRW138070 | Soil | 598855     | 7006553    | 07V      | 1.8 | 16   | 9.3   | 56  | 0.1  | 20.2 | 8.1  |
| BRW138071 | Soil | 598815     | 7006525    | 07V      | 2   | 15.5 | 10.1  | 49  | 0.1  | 17.6 | 8.6  |
| BRW138072 | Soil | 598775     | 7006491    | 07V      | 1.3 | 26.7 | 10.1  | 69  | 0.05 | 40.5 | 12   |
| BRW138073 | Soil | 598736     | 7006462    | 07V      | 9.6 | 61.5 | 18    | 98  | 0.2  | 55.7 | 16.7 |
| BRW138074 | Soil | 598697     | 7006431    | 07V      | 1.1 | 34.3 | 14.4  | 90  | 0.2  | 37.1 | 14.2 |
| BRW138075 | Soil | 598656     | 7006400    | 07V      | 2.7 | 35.7 | 20.2  | 94  | 0.1  | 38.8 | 15.3 |
| BRW138076 | Soil | 598618     | 7006369    | 07V      | 2.8 | 32.1 | 16.8  | 91  | 0.05 | 49.9 | 14.4 |
| BRW138077 | Soil | 598578     | 7006339    | 07V      | 1.6 | 27.7 | 12.7  | 70  | 0.1  | 32.1 | 13.7 |
| BRW138078 | Soil | 598540     | 7006306    | 07V      | 1.9 | 35.8 | 33.3  | 120 | 0.05 | 33.8 | 13   |
| BRW138079 | Soil | 598500     | 7006277    | 07V      | 1.2 | 35.2 | 19.2  | 84  | 0.05 | 38.3 | 15.3 |
| BRW138080 | Soil | 598460     | 7006246    | 07V      | 1.2 | 37.5 | 13.7  | 58  | 0.2  | 28.5 | 10.7 |
| BRW138081 | Soil | 598421     | 7006215    | 07V      | 2.2 | 45.4 | 14.6  | 126 | 0.3  | 40.2 | 14.4 |
| BRW138082 | Soil | 598380     | 7006184    | 07V      | 3.7 | 51.1 | 16.3  | 187 | 0.3  | 61.1 | 15.8 |
| BRW138083 | Soil | 598341     | 7006153    | 07V      | 1.9 | 28.9 | 11.5  | 85  | 0.2  | 33.2 | 9.2  |
| BRW138084 | Soil | 598302     | 7006122    | 07V      | 0.8 | 30   | 16.5  | 60  | 0.1  | 28.1 | 9.5  |
| BRW138085 | Soil | 598263     | 7006091    | 07V      | 3.8 | 39.2 | 14.3  | 96  | 0.3  | 53.2 | 17.4 |
| BRW138086 | Soil | 598222     | 7006060    | 07V      | 1.5 | 38.4 | 17.9  | 109 | 0.2  | 43.7 | 17.8 |
| BRW138087 | Soil | 598185     | 7006031    | 07V      | 1.7 | 32.9 | 20.5  | 121 | 0.05 | 47.7 | 15.6 |
| BRW138088 | Soil | 598144     | 7006000    | 07V      | 1.1 | 24.1 | 8.9   | 89  | 0.05 | 18.6 | 18.4 |
| BRW138089 | Soil | 598144     | 7006000    | 07V      | 1.2 | 21.1 | 7.6   | 75  | 0.05 | 17.5 | 15.5 |
| BRW138090 | Soil | 598103     | 7005960    | 07V      | 1.7 | 69.6 | 17.9  | 184 | 0.05 | 33.8 | 14.8 |
| BRW138091 | Soil | 598103     | 7005960    | 07V      | 1.7 | 69   | 16.6  | 189 | 0.05 | 34.1 | 14.7 |
| BRW138092 | Soil | 598066     | 7005939    | 07V      | 2.2 | 66.4 | 20    | 133 | 0.2  | 41.3 | 16.5 |
| BRW138093 | Soil | 598250     | 7005702    | 07V      | 1.5 | 20.7 | 12.6  | 77  | 0.2  | 24.5 | 17.2 |
| BRW138141 | Soil | 599308     | 7006783    | 07V      | 2.5 | 33.9 | 29.5  | 99  | 0.3  | 32.9 | 13.6 |
| BRW138142 | Soil | 599273     | 7006756    | 07V      | 1.7 | 22.6 | 24.7  | 100 | 0.2  | 28.3 | 10.6 |
| BRW138143 | Soil | 599232     | 7006723    | 07V      | 1.9 | 17.7 | 26.4  | 94  | 0.1  | 27.5 | 9.2  |
| BRW138144 | Soil | 599193     | 7006694    | 07V      | 1.7 | 30.7 | 17.2  | 105 | 0.05 | 37.2 | 11.3 |
| BRW138145 | Soil | 599154     | 7006662    | 07V      | 3.2 | 43.4 | 21.4  | 89  | 0.2  | 32.7 | 17   |
| BRW138146 | Soil | 599113     | 7006631    | 07V      | 1.9 | 33.5 | 13.3  | 77  | 0.4  | 32.8 | 12.9 |
| BRW138147 | Soil | 599074     | 7006600    | 07V      | 1.5 | 21.6 | 11    | 54  | 0.1  | 17.8 | 9.1  |
| BRW138148 | Soil | 599037     | 7006569    | 07V      | 1.9 | 10   | 15.4  | 56  | 0.05 | 16.8 | 8.1  |
| BRW138149 | Soil | 598997     | 7006537    | 07V      | 2   | 16.1 | 16.5  | 50  | 0.05 | 20   | 7.9  |
| BRW138150 | Soil | 598957     | 7006506    | 07V      | 1.2 | 16.2 | 8.7   | 46  | 0.05 | 18.3 | 8.5  |
| BRW138151 | Soil | 598957     | 7006506    | 07V      | 1.3 | 17.7 | 8.8   | 46  | 0.05 | 19.6 | 9.4  |
| BRW138152 | Soil | 598919     | 7006479    | 07V      | 2.3 | 19.9 | 11.2  | 57  | 0.05 | 28.5 | 9.4  |
| BRW138153 | Soil | 598878     | 7006445    | 07V      | 1.3 | 21.6 | 10.6  | 58  | 0.05 | 51.9 | 12.7 |
| BRW138153 | REP  | 598878     | 7006445    | 07V      | 1.4 | 22.1 | 11.3  | 60  | 0.05 | 52.2 | 13.7 |
| BRW138154 | Soil | 598837     | 7006414    | 07V      | 3.9 | 26.5 | 9     | 91  | 0.05 | 24.6 | 20.3 |
| BRW138155 | Soil | 598798     | 7006383    | 07V      | 1.7 | 31.6 | 13.1  | 77  | 0.1  | 38   | 13.2 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr  | Cd   | Sb  | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|------|------|-----|------|-----|------|-----|------|-------|----|-----|------|-----|
| BRW90615  | 376  | 2.39 | 5.6   | 1   | 3.7  | 3.4  | 39  | 0.3  | 0.4 | 0.1  | 54  | 0.51 | 0.056 | 14 | 32  | 0.54 | 273 |
| BRW90616  | 486  | 2.44 | 6.2   | 1.1 | 3.2  | 3.5  | 44  | 0.5  | 0.4 | 0.1  | 58  | 0.68 | 0.068 | 14 | 36  | 0.59 | 267 |
| BRW117743 | 389  | 2.59 | 11.6  | 0.8 | 2.9  | 4.1  | 23  | 0.05 | 0.7 | 0.2  | 59  | 0.38 | 0.046 | 16 | 33  | 0.52 | 279 |
| BRW121711 | 190  | 2.12 | 35.3  | 1.2 | 7.7  | 5.6  | 14  | 0.05 | 1.2 | 0.2  | 35  | 0.07 | 0.028 | 17 | 21  | 0.24 | 179 |
| BRW121715 | 389  | 3.63 | 23.6  | 0.9 | 3    | 18.2 | 13  | 0.05 | 0.3 | 0.05 | 46  | 0.19 | 0.023 | 37 | 55  | 0.89 | 305 |
| BRW121726 | 636  | 4.65 | 12.7  | 1.2 | 1.1  | 15.7 | 20  | 0.05 | 0.7 | 0.1  | 72  | 0.36 | 0.068 | 43 | 107 | 1.58 | 454 |
| BRW121732 | 253  | 2.29 | 13.1  | 1.9 | 2.5  | 7.6  | 19  | 0.2  | 4   | 0.2  | 37  | 0.15 | 0.062 | 22 | 37  | 0.3  | 189 |
| BRW121733 | 5595 | 5.23 | 14.1  | 2.2 | 7.7  | 18.9 | 12  | 0.2  | 0.9 | 0.2  | 49  | 0.09 | 0.045 | 35 | 43  | 0.6  | 976 |
| BRW121733 | 5222 | 4.85 | 13.1  | 2.1 | 6.6  | 17.6 | 12  | 0.2  | 0.9 | 0.2  | 45  | 0.09 | 0.041 | 33 | 38  | 0.59 | 922 |
| BRW128618 | 481  | 3.07 | 7.2   | 1.6 | 4.4  | 19.3 | 19  | 0.05 | 0.4 | 0.2  | 43  | 0.31 | 0.025 | 39 | 51  | 1    | 223 |
| BRW130616 | 328  | 3.2  | 5.7   | 1.9 | 3.1  | 14.9 | 16  | 0.1  | 0.4 | 0.2  | 49  | 0.29 | 0.024 | 35 | 34  | 0.6  | 259 |
| BRW135632 | 403  | 2.6  | 12.6  | 1.3 | 3.1  | 3.8  | 30  | 0.2  | 1.2 | 0.2  | 53  | 0.76 | 0.049 | 13 | 29  | 0.48 | 492 |
| BRW135634 | 478  | 3.81 | 7.7   | 0.7 | 4.4  | 6.2  | 19  | 0.05 | 0.5 | 0.1  | 69  | 0.82 | 0.03  | 32 | 112 | 1.49 | 203 |
| BRW135635 | 51   | 0.48 | 7.6   | 0.8 | 6.1  | 0.5  | 221 | 0.2  | 0.9 | 0.05 | 13  | 22.4 | 0.06  | 4  | 16  | 0.31 | 352 |
| BRW138060 | 360  | 2.9  | 21.5  | 1.3 | 1.8  | 6.6  | 21  | 0.2  | 1.7 | 0.2  | 52  | 0.3  | 0.09  | 18 | 31  | 0.41 | 307 |
| BRW138061 | 430  | 2.71 | 18    | 1.3 | 2.9  | 5.1  | 19  | 0.1  | 1   | 0.2  | 53  | 0.22 | 0.062 | 15 | 31  | 0.34 | 336 |
| BRW138062 | 272  | 3.64 | 38.6  | 2.3 | 0.8  | 11.2 | 17  | 0.1  | 7.2 | 0.2  | 39  | 0.2  | 0.046 | 24 | 22  | 0.21 | 246 |
| BRW138063 | 413  | 3.15 | 19.4  | 1.4 | 0.25 | 7.5  | 12  | 0.2  | 0.5 | 0.1  | 49  | 0.25 | 0.062 | 18 | 27  | 0.31 | 181 |
| BRW138065 | 498  | 2.82 | 24.9  | 1.3 | 4.4  | 3.7  | 23  | 0.4  | 0.9 | 0.1  | 40  | 1.33 | 0.046 | 14 | 25  | 0.7  | 311 |
| BRW138066 | 556  | 2.54 | 18.1  | 1.9 | 6    | 4.5  | 25  | 0.2  | 0.9 | 0.1  | 37  | 0.51 | 0.039 | 16 | 27  | 0.42 | 298 |
| BRW138067 | 346  | 2.43 | 16.2  | 1.5 | 3    | 4.5  | 18  | 0.2  | 0.8 | 0.2  | 42  | 0.25 | 0.038 | 14 | 30  | 0.33 | 619 |
| BRW138068 | 314  | 2.8  | 14.9  | 1   | 1.7  | 3.1  | 23  | 0.2  | 0.7 | 0.2  | 59  | 0.32 | 0.045 | 11 | 33  | 0.41 | 298 |
| BRW138069 | 301  | 2.6  | 8.4   | 0.8 | 3.3  | 3.7  | 21  | 0.05 | 0.7 | 0.2  | 55  | 0.31 | 0.04  | 12 | 30  | 0.4  | 213 |
| BRW138070 | 312  | 2.8  | 8.2   | 0.7 | 1    | 3.5  | 21  | 0.1  | 0.5 | 0.2  | 58  | 0.28 | 0.029 | 12 | 31  | 0.45 | 217 |
| BRW138071 | 477  | 2.32 | 6.8   | 0.7 | 2.3  | 2.8  | 21  | 0.1  | 0.4 | 0.2  | 48  | 0.33 | 0.037 | 11 | 28  | 0.38 | 266 |
| BRW138072 | 434  | 3.01 | 6.3   | 1.2 | 3.4  | 4.2  | 24  | 0.2  | 0.6 | 0.2  | 58  | 0.64 | 0.043 | 14 | 67  | 0.75 | 414 |
| BRW138073 | 1165 | 4.13 | 19.2  | 1.9 | 5.9  | 8    | 33  | 0.2  | 1.4 | 0.2  | 72  | 0.52 | 0.078 | 22 | 56  | 0.62 | 403 |
| BRW138074 | 615  | 3.24 | 10.3  | 1.6 | 2.7  | 9.3  | 26  | 0.2  | 0.6 | 0.2  | 58  | 0.65 | 0.061 | 25 | 60  | 0.92 | 270 |
| BRW138075 | 536  | 3.87 | 12.7  | 1.4 | 3.4  | 16   | 17  | 0.05 | 0.6 | 0.2  | 53  | 0.44 | 0.054 | 44 | 50  | 0.82 | 220 |
| BRW138076 | 442  | 3.44 | 23.3  | 0.8 | 3.1  | 8.5  | 17  | 0.1  | 0.4 | 0.2  | 56  | 0.34 | 0.04  | 19 | 77  | 0.95 | 204 |
| BRW138077 | 383  | 3.58 | 11.8  | 0.8 | 2.9  | 7.1  | 23  | 0.05 | 0.6 | 0.1  | 69  | 0.5  | 0.061 | 19 | 50  | 0.96 | 307 |
| BRW138078 | 522  | 3.68 | 15.9  | 0.9 | 3    | 7.4  | 16  | 0.1  | 0.4 | 0.2  | 73  | 0.46 | 0.058 | 13 | 62  | 1.27 | 265 |
| BRW138079 | 584  | 4.21 | 10.7  | 1.9 | 4    | 16.5 | 14  | 0.05 | 1   | 0.2  | 52  | 0.39 | 0.042 | 36 | 54  | 1.02 | 279 |
| BRW138080 | 535  | 2.96 | 11.4  | 1.4 | 3.5  | 4.8  | 28  | 0.1  | 0.9 | 0.2  | 51  | 1.01 | 0.037 | 18 | 37  | 0.53 | 500 |
| BRW138081 | 896  | 3.19 | 23.7  | 1.5 | 14.6 | 3.1  | 30  | 0.6  | 1.6 | 0.2  | 53  | 1.22 | 0.095 | 16 | 25  | 0.5  | 493 |
| BRW138082 | 395  | 3.4  | 31.9  | 1   | 5.9  | 3    | 23  | 0.9  | 2.4 | 0.2  | 61  | 0.25 | 0.064 | 18 | 39  | 0.4  | 311 |
| BRW138083 | 296  | 2.55 | 14.9  | 1   | 2.3  | 4.4  | 19  | 0.2  | 1.1 | 0.2  | 48  | 0.29 | 0.038 | 16 | 30  | 0.25 | 394 |
| BRW138084 | 550  | 2.33 | 10.7  | 0.6 | 2.2  | 3.2  | 37  | 0.1  | 0.6 | 0.2  | 47  | 2.02 | 0.077 | 13 | 32  | 1.15 | 766 |
| BRW138085 | 1364 | 3.5  | 10.8  | 0.9 | 12.5 | 4.5  | 66  | 0.5  | 1.4 | 0.2  | 57  | 2.65 | 0.104 | 16 | 32  | 0.52 | 761 |
| BRW138086 | 734  | 3.93 | 61.2  | 1.4 | 2.4  | 17.1 | 26  | 0.2  | 0.6 | 0.1  | 70  | 0.65 | 0.07  | 68 | 58  | 0.81 | 402 |
| BRW138087 | 556  | 4.91 | 35.5  | 0.7 | 3    | 10.4 | 12  | 0.1  | 0.3 | 0.1  | 106 | 0.16 | 0.041 | 17 | 66  | 0.76 | 248 |
| BRW138088 | 413  | 4.74 | 12.3  | 0.7 | 2    | 3.4  | 19  | 0.05 | 0.3 | 0.05 | 108 | 0.4  | 0.071 | 18 | 46  | 1.19 | 486 |
| BRW138089 | 376  | 4.15 | 10.6  | 0.7 | 0.25 | 3.2  | 18  | 0.05 | 0.2 | 0.05 | 95  | 0.33 | 0.063 | 15 | 43  | 1.04 | 431 |
| BRW138090 | 507  | 6.35 | 87.2  | 1   | 2.2  | 17.1 | 19  | 0.1  | 1.4 | 0.05 | 55  | 0.24 | 0.035 | 33 | 41  | 1.16 | 382 |
| BRW138091 | 523  | 6.51 | 81.2  | 1.1 | 1.5  | 18.3 | 19  | 0.05 | 1.3 | 0.05 | 57  | 0.24 | 0.035 | 36 | 42  | 1.22 | 404 |
| BRW138092 | 768  | 5.64 | 12.8  | 1.2 | 4.8  | 10.4 | 45  | 0.1  | 0.3 | 0.05 | 114 | 2.04 | 0.033 | 27 | 64  | 1.36 | 581 |
| BRW138093 | 1023 | 3.17 | 9.2   | 1.2 | 1.6  | 7.9  | 27  | 0.2  | 0.4 | 0.1  | 57  | 0.43 | 0.058 | 28 | 35  | 0.68 | 307 |
| BRW138141 | 728  | 3.8  | 113.4 | 1.5 | 4.6  | 7.8  | 22  | 0.3  | 5.4 | 0.2  | 62  | 0.28 | 0.111 | 18 | 39  | 0.4  | 314 |
| BRW138142 | 536  | 3.03 | 17    | 1.4 | 1.6  | 7.9  | 17  | 0.2  | 0.9 | 0.2  | 53  | 0.25 | 0.109 | 18 | 36  | 0.4  | 306 |
| BRW138143 | 486  | 3.14 | 19.8  | 1.3 | 1.8  | 2.5  | 15  | 0.2  | 0.9 | 0.2  | 52  | 0.14 | 0.075 | 17 | 32  | 0.34 | 179 |
| BRW138144 | 329  | 3.56 | 10.3  | 1.7 | 1.2  | 10   | 16  | 0.1  | 0.5 | 0.2  | 60  | 0.23 | 0.059 | 20 | 43  | 0.55 | 248 |
| BRW138145 | 778  | 4.52 | 22.6  | 1.8 | 4.8  | 6.1  | 15  | 0.2  | 1.8 | 0.3  | 60  | 0.5  | 0.051 | 18 | 31  | 0.7  | 273 |
| BRW138146 | 392  | 3.2  | 17.4  | 2.8 | 7    | 4.5  | 19  | 0.2  | 0.8 | 0.2  | 47  | 0.48 | 0.044 | 25 | 34  | 0.48 | 380 |
| BRW138147 | 304  | 2.22 | 14.9  | 1.7 | 7.2  | 4.2  | 22  | 0.1  | 0.7 | 0.1  | 35  | 0.21 | 0.035 | 14 | 22  | 0.29 | 169 |
| BRW138148 | 311  | 2.47 | 19    | 0.6 | 1    | 2.7  | 16  | 0.2  | 0.6 | 0.2  | 49  | 0.15 | 0.075 | 9  | 22  | 0.27 | 173 |
| BRW138149 | 244  | 2.41 | 10.4  | 1   | 2.7  | 3.5  | 16  | 0.1  | 0.6 | 0.2  | 48  | 0.19 | 0.028 | 11 | 32  | 0.37 | 195 |
| BRW138150 | 292  | 2.11 | 7.2   | 1.2 | 8.1  | 3.7  | 19  | 0.1  | 0.4 | 0.1  | 41  | 0.31 | 0.033 | 15 | 27  | 0.33 | 252 |
| BRW138151 | 308  | 2.17 | 7.5   | 1.2 | 5.3  | 3.8  | 20  | 0.05 | 0.5 | 0.1  | 43  | 0.3  | 0.035 | 15 | 27  | 0.35 | 251 |
| BRW138152 | 250  | 2.84 | 9.7   | 0.9 | 3.4  | 4.2  | 21  | 0.1  | 0.7 | 0.2  | 58  | 0.29 | 0.041 | 14 | 43  | 0.43 | 272 |
| BRW138153 | 621  | 2.66 | 9     | 1   | 4.3  | 3.7  | 22  | 0.1  | 0.7 | 0.2  | 53  | 0.33 | 0.024 | 13 | 81  | 0.69 | 261 |
| BRW138153 | 647  | 2.73 | 9.3   | 1.1 | 2.9  | 4    | 23  | 0.05 | 0.7 | 0.2  | 54  | 0.35 | 0.026 | 13 | 84  | 0.71 | 268 |
| BRW138154 | 794  | 5.15 | 3.8   | 1.1 | 1.7  | 9.9  | 25  | 0.05 | 0.3 | 0.1  | 108 | 0.6  | 0.09  | 23 | 106 | 2.51 | 478 |
| BRW138155 | 670  | 3.2  | 8.9   | 1.6 | 3    | 5    | 25  | 0.1  | 1   | 0.2  | 59  | 0.72 | 0.052 | 22 | 66  | 0.86 | 337 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga  | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|-----|------|--------|-------------|
| BRW90615  | 0.063 | 1   | 1.63 | 0.025 | 0.05 | 0.2  | 0.03  | 3.3  | 0.05 | 0.025 | 5   | 0.25 | 1DX15  | WHI10000172 |
| BRW90616  | 0.074 | 2   | 1.69 | 0.035 | 0.05 | 0.2  | 0.04  | 4.1  | 0.05 | 0.025 | 5   | 0.6  | 1DX15  | WHI10000172 |
| BRW117743 | 0.069 | 1   | 1.65 | 0.015 | 0.07 | 0.1  | 0.03  | 4.6  | 0.05 | 0.025 | 5   | 0.7  | 1DX15  | WHI10000466 |
| BRW121711 | 0.021 | 1   | 0.94 | 0.005 | 0.1  | 0.05 | 0.02  | 2.1  | 0.1  | 0.025 | 3   | 0.6  | 1DX15  | WHI10000466 |
| BRW121715 | 0.12  | 0.5 | 1.94 | 0.009 | 0.93 | 0.05 | 0.01  | 5.5  | 0.5  | 0.025 | 7   | 0.25 | 1DX15  | WHI10000466 |
| BRW121726 | 0.164 | 2   | 2.79 | 0.013 | 1.13 | 0.05 | 0.02  | 7.2  | 0.6  | 0.025 | 9   | 0.25 | 1DX15  | WHI10000466 |
| BRW121732 | 0.033 | 2   | 0.93 | 0.011 | 0.24 | 0.1  | 0.15  | 3.5  | 0.2  | 0.025 | 3   | 0.6  | 1DX15  | WHI10000466 |
| BRW121733 | 0.092 | 1   | 1.89 | 0.006 | 0.54 | 0.05 | 0.09  | 6.4  | 0.4  | 0.025 | 6   | 0.6  | 1DX15  | WHI10000466 |
| BRW121733 | 0.085 | 2   | 1.79 | 0.006 | 0.52 | 0.05 | 0.1   | 6.2  | 0.5  | 0.025 | 6   | 0.8  | 1DX15  | WHI10000466 |
| BRW128618 | 0.157 | 2   | 2.26 | 0.016 | 0.59 | 0.1  | 0.02  | 5.2  | 0.5  | 0.025 | 7   | 0.25 | 1DX15  | WHI10000466 |
| BRW130616 | 0.102 | 2   | 1.99 | 0.007 | 0.47 | 0.2  | 0.04  | 5.1  | 0.7  | 0.025 | 6   | 0.6  | 1DX15  | WHI10000466 |
| BRW135632 | 0.065 | 2   | 1.37 | 0.018 | 0.08 | 0.1  | 0.05  | 4.2  | 0.05 | 0.025 | 4   | 0.7  | 1DX15  | WHI10000466 |
| BRW135634 | 0.126 | 0.5 | 2.25 | 0.015 | 0.59 | 0.2  | 0.03  | 9.4  | 0.2  | 0.025 | 7   | 0.25 | 1DX15  | WHI10000466 |
| BRW135635 | 0.006 | 2   | 0.3  | 0.012 | 0.03 | 0.05 | 0.19  | 0.8  | 0.05 | 0.11  | 0.5 | 1.3  | 1DX15  | WHI10000466 |
| BRW138060 | 0.067 | 1   | 1.24 | 0.01  | 0.21 | 0.2  | 0.08  | 3.5  | 0.3  | 0.025 | 4   | 0.25 | 1DX15  | WHI10000466 |
| BRW138061 | 0.057 | 2   | 1.4  | 0.009 | 0.15 | 0.1  | 0.07  | 2.6  | 0.2  | 0.025 | 5   | 0.25 | 1DX15  | WHI10000466 |
| BRW138062 | 0.015 | 3   | 1.09 | 0.007 | 0.21 | 0.05 | 0.14  | 2.5  | 0.2  | 0.025 | 4   | 0.25 | 1DX15  | WHI10000466 |
| BRW138063 | 0.028 | 2   | 1.04 | 0.006 | 0.21 | 0.05 | 0.03  | 3.2  | 0.3  | 0.025 | 4   | 0.25 | 1DX15  | WHI10000466 |
| BRW138065 | 0.034 | 3   | 1.17 | 0.011 | 0.1  | 0.1  | 0.11  | 5.1  | 0.1  | 0.025 | 3   | 0.25 | 1DX15  | WHI10000466 |
| BRW138066 | 0.028 | 2   | 1.07 | 0.011 | 0.1  | 0.05 | 0.06  | 3.8  | 0.2  | 0.025 | 3   | 0.25 | 1DX15  | WHI10000466 |
| BRW138067 | 0.038 | 2   | 1.14 | 0.01  | 0.08 | 0.1  | 0.04  | 3.8  | 0.05 | 0.025 | 4   | 0.25 | 1DX15  | WHI10000466 |
| BRW138068 | 0.062 | 2   | 1.77 | 0.012 | 0.09 | 0.1  | 0.04  | 4    | 0.05 | 0.025 | 6   | 0.25 | 1DX15  | WHI10000466 |
| BRW138069 | 0.06  | 2   | 1.5  | 0.011 | 0.08 | 0.1  | 0.03  | 3.2  | 0.05 | 0.025 | 5   | 0.25 | 1DX15  | WHI10000466 |
| BRW138070 | 0.067 | 1   | 1.62 | 0.018 | 0.12 | 0.2  | 0.03  | 3.9  | 0.05 | 0.025 | 5   | 0.25 | 1DX15  | WHI10000466 |
| BRW138071 | 0.057 | 0.5 | 1.35 | 0.015 | 0.11 | 0.1  | 0.02  | 3.5  | 0.05 | 0.025 | 5   | 0.25 | 1DX15  | WHI10000466 |
| BRW138072 | 0.085 | 2   | 1.75 | 0.017 | 0.2  | 0.2  | 0.04  | 7.6  | 0.1  | 0.025 | 5   | 0.25 | 1DX15  | WHI10000466 |
| BRW138073 | 0.049 | 2   | 1.45 | 0.009 | 0.32 | 0.2  | 0.07  | 8.7  | 0.3  | 0.025 | 5   | 0.25 | 1DX15  | WHI10000466 |
| BRW138074 | 0.132 | 2   | 1.95 | 0.02  | 0.38 | 0.1  | 0.04  | 5.2  | 0.3  | 0.025 | 6   | 0.5  | 1DX15  | WHI10000466 |
| BRW138075 | 0.129 | 1   | 1.74 | 0.014 | 0.44 | 0.05 | 0.03  | 4.9  | 0.4  | 0.025 | 6   | 0.25 | 1DX15  | WHI10000466 |
| BRW138076 | 0.142 | 1   | 2.01 | 0.014 | 0.38 | 0.05 | 0.02  | 3.7  | 0.3  | 0.025 | 6   | 0.25 | 1DX15  | WHI10000466 |
| BRW138077 | 0.179 | 1   | 2.6  | 0.035 | 0.51 | 0.1  | 0.02  | 5    | 0.4  | 0.025 | 7   | 0.25 | 1DX15  | WHI10000466 |
| BRW138078 | 0.165 | 1   | 2.58 | 0.021 | 0.62 | 0.05 | 0.005 | 6.2  | 0.4  | 0.025 | 8   | 0.25 | 1DX15  | WHI10000466 |
| BRW138079 | 0.142 | 2   | 2.14 | 0.01  | 0.67 | 0.05 | 0.04  | 7.9  | 0.5  | 0.025 | 6   | 0.7  | 1DX15  | WHI10000466 |
| BRW138080 | 0.066 | 3   | 1.47 | 0.017 | 0.2  | 0.2  | 0.09  | 6.1  | 0.1  | 0.025 | 5   | 0.5  | 1DX15  | WHI10000466 |
| BRW138081 | 0.036 | 3   | 1.1  | 0.014 | 0.09 | 0.1  | 0.13  | 5.4  | 0.2  | 0.025 | 3   | 0.25 | 1DX15  | WHI10000466 |
| BRW138082 | 0.055 | 2   | 1.29 | 0.011 | 0.13 | 0.05 | 0.04  | 3.8  | 0.3  | 0.025 | 4   | 0.7  | 1DX15  | WHI10000466 |
| BRW138083 | 0.029 | 2   | 0.88 | 0.01  | 0.07 | 0.1  | 0.04  | 3.1  | 0.05 | 0.025 | 4   | 0.25 | 1DX15  | WHI10000466 |
| BRW138084 | 0.056 | 5   | 1.32 | 0.02  | 0.06 | 0.3  | 0.07  | 4    | 0.05 | 0.025 | 4   | 0.6  | 1DX15  | WHI10000466 |
| BRW138085 | 0.014 | 6   | 1.01 | 0.015 | 0.16 | 0.1  | 0.08  | 7.8  | 0.2  | 0.025 | 4   | 0.25 | 1DX15  | WHI10000466 |
| BRW138086 | 0.145 | 2   | 2.06 | 0.014 | 0.63 | 0.05 | 0.05  | 6.9  | 0.7  | 0.025 | 7   | 0.7  | 1DX15  | WHI10000466 |
| BRW138087 | 0.2   | 2   | 2.13 | 0.009 | 0.64 | 0.05 | 0.02  | 6.6  | 0.4  | 0.025 | 9   | 0.25 | 1DX15  | WHI10000466 |
| BRW138088 | 0.195 | 0.5 | 2.72 | 0.015 | 0.81 | 0.05 | 0.005 | 8.5  | 0.3  | 0.025 | 10  | 0.25 | 1DX15  | WHI10000466 |
| BRW138089 | 0.181 | 1   | 2.37 | 0.012 | 0.75 | 0.05 | 0.005 | 7.7  | 0.3  | 0.025 | 9   | 0.25 | 1DX15  | WHI10000466 |
| BRW138090 | 0.215 | 1   | 2.22 | 0.015 | 0.95 | 0.05 | 0.04  | 17.1 | 1    | 0.025 | 10  | 1.1  | 1DX15  | WHI10000466 |
| BRW138091 | 0.227 | 1   | 2.37 | 0.016 | 1.01 | 0.05 | 0.04  | 17.3 | 1    | 0.025 | 10  | 0.8  | 1DX15  | WHI10000466 |
| BRW138092 | 0.287 | 2   | 2.43 | 0.016 | 1.13 | 0.05 | 0.04  | 11.8 | 0.8  | 0.025 | 10  | 0.25 | 1DX15  | WHI10000466 |
| BRW138093 | 0.111 | 2   | 1.68 | 0.014 | 0.34 | 0.05 | 0.04  | 4.8  | 0.3  | 0.025 | 6   | 0.25 | 1DX15  | WHI10000466 |
| BRW138141 | 0.059 | 0.5 | 1.36 | 0.008 | 0.23 | 0.1  | 0.12  | 4.4  | 0.3  | 0.025 | 5   | 0.7  | 1DX15  | WHI10000466 |
| BRW138142 | 0.079 | 2   | 1.45 | 0.007 | 0.28 | 0.1  | 0.05  | 3    | 0.3  | 0.025 | 5   | 0.25 | 1DX15  | WHI10000466 |
| BRW138143 | 0.031 | 0.5 | 1.18 | 0.008 | 0.19 | 0.2  | 0.04  | 2.2  | 0.2  | 0.025 | 4   | 0.7  | 1DX15  | WHI10000466 |
| BRW138144 | 0.097 | 1   | 1.53 | 0.009 | 0.44 | 0.05 | 0.02  | 3.3  | 0.4  | 0.025 | 6   | 0.25 | 1DX15  | WHI10000466 |
| BRW138145 | 0.05  | 3   | 1.59 | 0.011 | 0.31 | 0.05 | 0.07  | 8    | 0.4  | 0.025 | 5   | 1.1  | 1DX15  | WHI10000466 |
| BRW138146 | 0.041 | 0.5 | 1.49 | 0.016 | 0.14 | 0.05 | 0.12  | 6.5  | 0.2  | 0.025 | 4   | 0.25 | 1DX15  | WHI10000466 |
| BRW138147 | 0.042 | 1   | 0.86 | 0.011 | 0.07 | 2.1  | 0.07  | 3.6  | 0.2  | 0.025 | 3   | 0.25 | 1DX15  | WHI10000466 |
| BRW138148 | 0.066 | 1   | 1.06 | 0.008 | 0.1  | 0.2  | 0.02  | 2    | 0.05 | 0.025 | 4   | 0.25 | 1DX15  | WHI10000466 |
| BRW138149 | 0.05  | 1   | 1.32 | 0.008 | 0.05 | 0.2  | 0.04  | 2.9  | 0.05 | 0.025 | 4   | 0.25 | 1DX15  | WHI10000466 |
| BRW138150 | 0.052 | 0.5 | 1.08 | 0.028 | 0.07 | 0.05 | 0.05  | 4.6  | 0.05 | 0.025 | 3   | 0.25 | 1DX15  | WHI10000466 |
| BRW138151 | 0.054 | 0.5 | 1.12 | 0.019 | 0.07 | 0.1  | 0.05  | 4.3  | 0.05 | 0.025 | 3   | 0.25 | 1DX15  | WHI10000466 |
| BRW138152 | 0.064 | 2   | 1.78 | 0.014 | 0.09 | 0.1  | 0.02  | 4.1  | 0.05 | 0.025 | 5   | 0.25 | 1DX15  | WHI10000466 |
| BRW138153 | 0.071 | 0.5 | 1.59 | 0.011 | 0.08 | 0.05 | 0.03  | 4.5  | 0.05 | 0.025 | 5   | 0.25 | 1DX15  | WHI10000466 |
| BRW138153 | 0.071 | 2   | 1.64 | 0.012 | 0.08 | 0.05 | 0.03  | 4.6  | 0.05 | 0.025 | 5   | 0.25 | 1DX15  | WHI10000466 |
| BRW138154 | 0.221 | 1   | 3.26 | 0.016 | 1.09 | 0.05 | 0.02  | 12.6 | 0.4  | 0.025 | 11  | 0.25 | 1DX15  | WHI10000466 |
| BRW138155 | 0.088 | 2   | 1.82 | 0.014 | 0.24 | 0.1  | 0.09  | 7.6  | 0.2  | 0.025 | 6   | 0.25 | 1DX15  | WHI10000466 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|------|------|
| BRW138156 | Soil | 598758     | 7006354    | 07V      | 1.2  | 47.3  | 16.9 | 113 | 0.2  | 24.1 | 13.5 |
| BRW138157 | Soil | 598720     | 7006323    | 07V      | 15.6 | 31.5  | 22.2 | 82  | 0.2  | 33.7 | 12.9 |
| BRW138157 | REP  | 598720     | 7006323    | 07V      | 15.3 | 31.2  | 22.8 | 81  | 0.2  | 33.7 | 13.1 |
| BRW138159 | Soil | 598640     | 7006260    | 07V      | 24.2 | 35.1  | 26   | 74  | 0.05 | 39.2 | 14.4 |
| BRW138160 | Soil | 598601     | 7006229    | 07V      | 3.9  | 36.6  | 17.3 | 77  | 0.05 | 42.2 | 13.9 |
| BRW138161 | Soil | 598562     | 7006199    | 07V      | 3.3  | 58.1  | 34.2 | 116 | 0.1  | 46.9 | 18.2 |
| BRW138162 | Soil | 598523     | 7006169    | 07V      | 1.7  | 41.1  | 12.9 | 93  | 0.2  | 33   | 11.8 |
| BRW138163 | Soil | 598482     | 7006137    | 07V      | 0.8  | 29.4  | 12.2 | 134 | 0.1  | 32.5 | 11.9 |
| BRW138164 | Soil | 598444     | 7006105    | 07V      | 5.1  | 41.8  | 17.2 | 149 | 0.2  | 38.6 | 17   |
| BRW138165 | Soil | 598402     | 7006074    | 07V      | 2.1  | 42.3  | 18   | 120 | 0.2  | 43.2 | 10.8 |
| BRW138166 | Soil | 598402     | 7006074    | 07V      | 1.9  | 38.5  | 17.8 | 113 | 0.2  | 40.2 | 10.9 |
| BRW138167 | Soil | 598365     | 7006044    | 07V      | 2.2  | 26.9  | 13.7 | 75  | 0.2  | 33.4 | 12.4 |
| BRW138170 | Soil | 598245     | 7005952    | 07V      | 1.2  | 41.1  | 21.7 | 119 | 0.05 | 66.8 | 18.3 |
| BRW138171 | Soil | 598206     | 7005921    | 07V      | 1.2  | 51.9  | 15.8 | 95  | 0.05 | 29   | 13.8 |
| BRW138172 | Soil | 598166     | 7005889    | 07V      | 3    | 47    | 13.5 | 111 | 0.1  | 54.4 | 19.4 |
| BRW138173 | Soil | 598127     | 7005860    | 07V      | 1.6  | 49.5  | 15.1 | 123 | 0.2  | 53.5 | 21.4 |
| BRW138174 | Soil | 598289     | 7005732    | 07V      | 1    | 29.1  | 13.1 | 90  | 0.3  | 28.7 | 14.8 |
| BRW138185 | Soil | 599024     | 7006821    | 07V      | 1.1  | 25.2  | 11.9 | 60  | 0.2  | 26   | 11.2 |
| BRW138191 | Soil | 598790     | 7006634    | 07V      | 1.9  | 24    | 14.7 | 71  | 0.05 | 25.4 | 11.1 |
| BRW138193 | Soil | 598711     | 7006570    | 07V      | 1.4  | 36.7  | 10.6 | 80  | 0.2  | 50.3 | 13.7 |
| BRW138194 | Soil | 598672     | 7006544    | 07V      | 2.6  | 28.9  | 10.4 | 70  | 0.05 | 35.8 | 12.9 |
| BRW138197 | Soil | 598556     | 7006451    | 07V      | 2.4  | 27.9  | 16.2 | 85  | 0.2  | 35.4 | 12.6 |
| BRW138198 | Soil | 598516     | 7006419    | 07V      | 1.7  | 23.7  | 19   | 79  | 0.05 | 29.8 | 11   |
| BRW138199 | Soil | 598475     | 7006388    | 07V      | 2.2  | 20.4  | 20.3 | 73  | 0.05 | 28.6 | 10.4 |
| BRW138200 | Soil | 598438     | 7006356    | 07V      | 1.6  | 29.6  | 24.3 | 91  | 0.1  | 29.3 | 13.6 |
| BRW138202 | Soil | 598357     | 7006296    | 07V      | 3.9  | 35.3  | 19   | 114 | 0.2  | 48.9 | 21.8 |
| BRW138203 | Soil | 598314     | 7006267    | 07V      | 2.5  | 40.6  | 20.6 | 107 | 0.1  | 41.4 | 11.7 |
| BRW138204 | Soil | 598281     | 7006232    | 07V      | 2.1  | 15.4  | 11.5 | 49  | 0.1  | 17.4 | 6.7  |
| BRW138205 | Soil | 598241     | 7006201    | 07V      | 3    | 41.7  | 20.5 | 99  | 0.2  | 35.6 | 15.9 |
| BRW138206 | Soil | 598202     | 7006172    | 07V      | 2.1  | 41.3  | 19.8 | 111 | 0.2  | 45.9 | 13.1 |
| BRW138207 | Soil | 598163     | 7006141    | 07V      | 2    | 41.3  | 20.1 | 109 | 0.3  | 47.3 | 14.1 |
| BRW138208 | Soil | 598163     | 7006141    | 07V      | 2.1  | 46.8  | 19.3 | 115 | 0.3  | 50.5 | 16.8 |
| BRW138209 | Soil | 598122     | 7006111    | 07V      | 1.5  | 30.3  | 11.3 | 90  | 0.05 | 25.8 | 15.9 |
| BRW138210 | Soil | 598082     | 7006080    | 07V      | 2    | 56.8  | 13.5 | 175 | 0.05 | 38.9 | 21.8 |
| BRW138211 | Soil | 598042     | 7006050    | 07V      | 1.7  | 45.3  | 13.9 | 108 | 0.2  | 25.7 | 18.5 |
| BRW138213 | Soil | 598005     | 7006017    | 07V      | 1.4  | 23.6  | 10.3 | 81  | 0.05 | 24.1 | 16.4 |
| BRW138252 | Soil | 598016     | 7006407    | 07V      | 0.8  | 44    | 8.8  | 56  | 0.2  | 29.1 | 10.4 |
| BRW138253 | Soil | 597976     | 7006375    | 07V      | 1    | 41    | 10.3 | 51  | 0.05 | 28.8 | 10.1 |
| BRW138254 | Soil | 597937     | 7006346    | 07V      | 2.5  | 63.8  | 19.5 | 145 | 0.1  | 93.9 | 22.7 |
| BRW138255 | Soil | 597897     | 7006315    | 07V      | 2.5  | 56.4  | 13.8 | 90  | 0.2  | 53.6 | 13.6 |
| BRW138256 | Soil | 597858     | 7006284    | 07V      | 2.3  | 72.2  | 13.7 | 87  | 0.3  | 43.5 | 14.2 |
| BRW138257 | Soil | 597819     | 7006254    | 07V      | 7.2  | 115.3 | 29.3 | 156 | 0.3  | 63.2 | 15.1 |
| BRW138258 | Soil | 597942     | 7006096    | 07V      | 0.4  | 56    | 3.4  | 71  | 0.1  | 22.3 | 23.5 |
| BRW138260 | Soil | 597465     | 7006865    | 07V      | 1.7  | 34.4  | 12.7 | 83  | 0.2  | 31   | 11.1 |
| BRW138272 | Soil | 597457     | 7007366    | 07V      | 0.7  | 29.9  | 17.1 | 71  | 0.05 | 22.5 | 12.5 |
| BRW138292 | Soil | 597277     | 7007352    | 07V      | 0.4  | 37.6  | 8.2  | 84  | 0.05 | 33.9 | 15.3 |
| BRW138293 | Soil | 597237     | 7007322    | 07V      | 1.4  | 38.9  | 16.4 | 115 | 0.05 | 19.1 | 8.6  |
| BRW138294 | Soil | 597198     | 7007292    | 07V      | 1.1  | 27.7  | 10.8 | 66  | 0.05 | 22.2 | 9.2  |
| BRW138295 | Soil | 597158     | 7007260    | 07V      | 2.2  | 63.9  | 14.3 | 128 | 0.05 | 43.9 | 12.2 |
| BRW138448 | Soil | 597283     | 7007104    | 07V      | 1    | 22.3  | 10.5 | 51  | 0.05 | 16.5 | 9.1  |
| BRW138449 | Soil | 597242     | 7007073    | 07V      | 0.9  | 17    | 10.8 | 40  | 0.05 | 11.9 | 7.2  |
| BRW138761 | Soil | 597704     | 7007052    | 07V      | 1.4  | 27.7  | 10.1 | 87  | 0.05 | 35.6 | 9    |
| BRW138799 | Soil | 597781     | 7007112    | 07V      | 1.1  | 24.4  | 9.9  | 99  | 0.05 | 36.2 | 6.5  |
| BRW138801 | Soil | 597861     | 7007174    | 07V      | 0.7  | 26.4  | 12.5 | 58  | 0.05 | 31.1 | 11.2 |
| BRW138802 | Soil | 597901     | 7007206    | 07V      | 0.8  | 14.8  | 15.1 | 53  | 0.05 | 21.4 | 8.3  |
| BRW138844 | Soil | 599494     | 7006547    | 07V      | 2.4  | 46.7  | 26.5 | 118 | 0.1  | 38.3 | 12.7 |
| BRW138845 | Soil | 599494     | 7006547    | 07V      | 2.4  | 45.3  | 26.8 | 115 | 0.2  | 38.2 | 12.2 |
| BRW138846 | Soil | 599453     | 7006516    | 07V      | 1.9  | 29.2  | 22.3 | 76  | 0.05 | 30.2 | 13.9 |
| BRW138847 | Soil | 599414     | 7006485    | 07V      | 1    | 24.7  | 13.9 | 57  | 0.05 | 20.5 | 8.6  |
| BRW138848 | Soil | 599373     | 7006454    | 07V      | 1.2  | 25.8  | 17.1 | 60  | 0.1  | 21.6 | 9.3  |
| BRW138849 | Soil | 599335     | 7006424    | 07V      | 0.4  | 36.5  | 10.2 | 90  | 0.05 | 17.4 | 12.1 |
| BRW138850 | Soil | 599297     | 7006393    | 07V      | 2    | 46.2  | 22.5 | 109 | 0.05 | 36.4 | 13.2 |
| BRW138851 | Soil | 599257     | 7006360    | 07V      | 1.7  | 32.1  | 9.6  | 98  | 0.05 | 19   | 9.7  |

| SampleID  | Mn   | Fe   | As    | U   | Au   | Th   | Sr  | Cd   | Sb  | Bi   | V   | Ca   | P     | La | Cr | Mg   | Ba   |
|-----------|------|------|-------|-----|------|------|-----|------|-----|------|-----|------|-------|----|----|------|------|
| BRW138156 | 574  | 3.35 | 14.2  | 0.8 | 4.1  | 6.2  | 19  | 0.2  | 2   | 0.2  | 56  | 0.49 | 0.059 | 19 | 52 | 0.87 | 256  |
| BRW138157 | 514  | 3.5  | 13.9  | 1   | 6.6  | 5.4  | 21  | 0.1  | 1.8 | 0.2  | 66  | 0.44 | 0.053 | 16 | 63 | 0.9  | 346  |
| BRW138157 | 516  | 3.53 | 14    | 1.1 | 8.4  | 5.4  | 21  | 0.2  | 1.9 | 0.3  | 66  | 0.45 | 0.053 | 17 | 64 | 0.91 | 344  |
| BRW138159 | 492  | 3.99 | 12.6  | 1.3 | 19.2 | 7.5  | 20  | 0.05 | 1.6 | 0.4  | 65  | 0.4  | 0.041 | 18 | 64 | 0.81 | 257  |
| BRW138160 | 518  | 3.92 | 23.3  | 1   | 4.5  | 8.5  | 20  | 0.05 | 1.3 | 0.2  | 57  | 0.34 | 0.03  | 14 | 53 | 0.56 | 223  |
| BRW138161 | 774  | 4.4  | 16.7  | 1.8 | 10.7 | 15.5 | 14  | 0.2  | 1.3 | 0.2  | 62  | 0.38 | 0.053 | 31 | 61 | 0.74 | 304  |
| BRW138162 | 751  | 3.99 | 9.8   | 1.7 | 8.2  | 7.4  | 25  | 0.2  | 1.1 | 0.2  | 52  | 0.77 | 0.077 | 21 | 48 | 0.81 | 334  |
| BRW138163 | 901  | 2.63 | 13.1  | 1.1 | 3.5  | 2.3  | 39  | 0.6  | 1   | 0.2  | 48  | 3.11 | 0.091 | 13 | 31 | 1.42 | 741  |
| BRW138164 | 726  | 4.14 | 23.6  | 1.2 | 7.3  | 6.1  | 31  | 0.5  | 2.3 | 0.2  | 64  | 1.52 | 0.175 | 20 | 28 | 0.79 | 785  |
| BRW138165 | 435  | 3.65 | 41.7  | 1.5 | 10.8 | 6.9  | 28  | 0.2  | 2.4 | 0.3  | 52  | 0.38 | 0.125 | 19 | 38 | 0.3  | 496  |
| BRW138166 | 428  | 3.54 | 41.5  | 1.4 | 8.9  | 6.8  | 30  | 0.2  | 2.4 | 0.3  | 50  | 0.37 | 0.109 | 18 | 37 | 0.31 | 484  |
| BRW138167 | 821  | 3.2  | 23.5  | 0.9 | 3.9  | 4.1  | 30  | 0.2  | 1   | 0.2  | 64  | 0.39 | 0.062 | 13 | 44 | 0.47 | 510  |
| BRW138170 | 563  | 5.73 | 6.9   | 0.6 | 1.3  | 20.7 | 10  | 0.05 | 0.1 | 0.05 | 129 | 0.12 | 0.027 | 27 | 98 | 1.34 | 419  |
| BRW138171 | 384  | 4.07 | 9.2   | 1   | 2.2  | 15.8 | 18  | 0.05 | 0.4 | 0.1  | 81  | 0.25 | 0.023 | 36 | 60 | 0.87 | 275  |
| BRW138172 | 436  | 5.11 | 236.1 | 0.8 | 2.5  | 22.6 | 13  | 0.05 | 1.9 | 0.05 | 94  | 0.35 | 0.068 | 69 | 90 | 0.91 | 388  |
| BRW138173 | 752  | 5.55 | 30.5  | 1.2 | 2.5  | 17.2 | 19  | 0.1  | 0.4 | 0.05 | 92  | 0.69 | 0.097 | 70 | 88 | 1    | 516  |
| BRW138174 | 903  | 4.15 | 7.2   | 0.6 | 0.25 | 6.9  | 27  | 0.2  | 0.4 | 0.1  | 75  | 0.35 | 0.033 | 20 | 36 | 0.91 | 495  |
| BRW138185 | 422  | 2.68 | 18.5  | 2.5 | 4.2  | 4.2  | 28  | 0.1  | 0.9 | 0.1  | 33  | 0.92 | 0.039 | 26 | 24 | 0.32 | 387  |
| BRW138191 | 376  | 3.18 | 11.8  | 1.4 | 2.6  | 5.6  | 26  | 0.1  | 1   | 0.2  | 59  | 0.48 | 0.032 | 17 | 32 | 0.4  | 503  |
| BRW138193 | 711  | 3.29 | 7.9   | 1.5 | 2.5  | 5.4  | 33  | 0.1  | 0.5 | 0.2  | 63  | 0.7  | 0.047 | 18 | 90 | 1.02 | 477  |
| BRW138194 | 466  | 3.23 | 16.2  | 0.7 | 2    | 5.4  | 24  | 0.05 | 0.6 | 0.1  | 66  | 0.34 | 0.028 | 11 | 53 | 0.7  | 344  |
| BRW138197 | 381  | 3.66 | 20.1  | 0.9 | 2.3  | 7.1  | 17  | 0.05 | 0.5 | 0.2  | 60  | 0.38 | 0.042 | 21 | 64 | 0.9  | 208  |
| BRW138198 | 321  | 3.45 | 32.3  | 0.8 | 3    | 8.3  | 17  | 0.05 | 1.2 | 0.1  | 60  | 0.34 | 0.037 | 24 | 49 | 0.8  | 178  |
| BRW138199 | 344  | 3.34 | 14.6  | 0.8 | 4.5  | 6.4  | 20  | 0.1  | 0.7 | 0.2  | 61  | 0.36 | 0.031 | 20 | 47 | 0.77 | 197  |
| BRW138200 | 502  | 3.81 | 14.7  | 1.3 | 2.5  | 9.2  | 24  | 0.1  | 0.7 | 0.3  | 76  | 0.5  | 0.039 | 23 | 56 | 1.28 | 317  |
| BRW138202 | 1191 | 4.28 | 33.4  | 1   | 11.5 | 3.8  | 17  | 0.4  | 3.2 | 0.3  | 86  | 0.16 | 0.062 | 13 | 32 | 0.34 | 295  |
| BRW138203 | 270  | 3.28 | 28    | 1.2 | 5.6  | 4.2  | 13  | 0.8  | 2   | 0.2  | 71  | 0.09 | 0.021 | 15 | 42 | 0.49 | 293  |
| BRW138204 | 517  | 2.67 | 9.9   | 0.4 | 1.7  | 2.1  | 16  | 0.2  | 1.4 | 0.2  | 65  | 0.21 | 0.029 | 9  | 25 | 0.26 | 311  |
| BRW138205 | 448  | 3.77 | 21.7  | 0.9 | 5.4  | 4.2  | 21  | 0.3  | 4.1 | 0.2  | 62  | 0.29 | 0.046 | 14 | 31 | 0.42 | 326  |
| BRW138206 | 805  | 3.17 | 18.3  | 0.9 | 8.2  | 1.6  | 35  | 0.5  | 1.9 | 0.2  | 52  | 1.66 | 0.088 | 13 | 30 | 0.81 | 780  |
| BRW138207 | 518  | 3.81 | 17.5  | 1.5 | 9    | 10.7 | 19  | 0.2  | 1.6 | 0.2  | 50  | 0.39 | 0.069 | 25 | 44 | 0.76 | 423  |
| BRW138208 | 568  | 4.1  | 19.2  | 1.8 | 5.9  | 12.3 | 23  | 0.1  | 1.8 | 0.2  | 57  | 0.44 | 0.067 | 25 | 51 | 0.81 | 442  |
| BRW138209 | 480  | 3.98 | 16    | 1.1 | 1.2  | 5.1  | 26  | 0.2  | 0.3 | 0.1  | 89  | 0.81 | 0.073 | 19 | 55 | 1.15 | 382  |
| BRW138210 | 719  | 6.25 | 49.7  | 1.2 | 1.1  | 11.1 | 14  | 0.05 | 0.3 | 0.1  | 97  | 0.41 | 0.066 | 33 | 78 | 1.45 | 349  |
| BRW138211 | 663  | 4.59 | 40.7  | 1.6 | 1.5  | 8.2  | 24  | 0.05 | 0.5 | 0.1  | 88  | 0.63 | 0.077 | 39 | 52 | 1.25 | 316  |
| BRW138213 | 1271 | 3.58 | 15    | 1.1 | 0.25 | 7.2  | 28  | 0.1  | 0.3 | 0.05 | 63  | 0.74 | 0.077 | 27 | 40 | 0.84 | 311  |
| BRW138252 | 442  | 2.28 | 14.6  | 0.9 | 4    | 3.4  | 113 | 0.2  | 0.8 | 0.1  | 48  | 6.74 | 0.065 | 13 | 25 | 0.77 | 288  |
| BRW138253 | 337  | 2.81 | 18.8  | 1.5 | 6.5  | 5.3  | 24  | 0.05 | 1.2 | 0.2  | 60  | 0.28 | 0.046 | 19 | 39 | 0.51 | 177  |
| BRW138254 | 653  | 4.25 | 107.6 | 1.4 | 8.4  | 8.1  | 23  | 0.3  | 2.5 | 0.1  | 54  | 0.27 | 0.039 | 22 | 46 | 0.52 | 239  |
| BRW138255 | 540  | 2.95 | 19.5  | 1.5 | 7.1  | 6.9  | 22  | 0.2  | 1.4 | 0.1  | 49  | 0.2  | 0.024 | 22 | 36 | 0.35 | 554  |
| BRW138256 | 695  | 3.43 | 32.2  | 1.5 | 11   | 5.3  | 43  | 0.2  | 3.6 | 0.2  | 58  | 1.3  | 0.061 | 20 | 36 | 0.51 | 609  |
| BRW138257 | 923  | 3.89 | 107.7 | 2.6 | 10.4 | 10.9 | 42  | 0.3  | 4.6 | 0.2  | 61  | 0.31 | 0.074 | 20 | 30 | 0.26 | 719  |
| BRW138258 | 820  | 4.27 | 7.4   | 0.5 | 3.2  | 2.1  | 19  | 0.05 | 0.3 | 0.05 | 85  | 0.83 | 0.033 | 10 | 36 | 1.73 | 275  |
| BRW138260 | 545  | 3.02 | 10    | 1.5 | 6.3  | 4.3  | 23  | 0.2  | 1.1 | 0.2  | 58  | 0.64 | 0.076 | 21 | 41 | 0.57 | 508  |
| BRW138272 | 417  | 3.73 | 5.2   | 1.8 | 1.4  | 5.1  | 25  | 0.05 | 0.4 | 0.2  | 77  | 0.35 | 0.037 | 20 | 60 | 1.1  | 301  |
| BRW138292 | 449  | 4.11 | 4.2   | 0.6 | 1.1  | 3.3  | 29  | 0.05 | 0.3 | 0.05 | 88  | 0.55 | 0.048 | 12 | 92 | 1.58 | 347  |
| BRW138293 | 411  | 4.09 | 18.7  | 1.6 | 0.5  | 10.3 | 31  | 0.2  | 0.9 | 0.3  | 52  | 0.37 | 0.05  | 26 | 29 | 0.68 | 263  |
| BRW138294 | 224  | 2.92 | 10    | 1.1 | 1.6  | 5.9  | 20  | 0.05 | 0.6 | 0.2  | 67  | 0.21 | 0.024 | 15 | 37 | 0.51 | 258  |
| BRW138295 | 268  | 3.82 | 9.3   | 2.4 | 2.7  | 16.6 | 19  | 0.1  | 0.3 | 0.2  | 69  | 0.25 | 0.082 | 43 | 42 | 0.58 | 285  |
| BRW138448 | 469  | 2.81 | 9.5   | 1   | 3.4  | 4.8  | 13  | 0.05 | 0.6 | 0.2  | 60  | 0.12 | 0.026 | 13 | 34 | 0.49 | 247  |
| BRW138449 | 299  | 2.57 | 7.1   | 0.7 | 2.1  | 4.8  | 19  | 0.05 | 0.6 | 0.2  | 39  | 0.1  | 0.026 | 10 | 20 | 0.32 | 1916 |
| BRW138761 | 475  | 3.43 | 10.1  | 1.7 | 1.7  | 8.2  | 18  | 0.2  | 0.7 | 0.1  | 45  | 0.22 | 0.055 | 24 | 35 | 0.22 | 228  |
| BRW138799 | 625  | 4.18 | 13.4  | 4.2 | 2    | 3.8  | 18  | 0.3  | 0.9 | 0.1  | 63  | 0.2  | 0.025 | 15 | 33 | 0.39 | 345  |
| BRW138801 | 481  | 2.71 | 11.6  | 0.5 | 4.2  | 3.4  | 52  | 0.3  | 0.6 | 0.2  | 57  | 3.45 | 0.026 | 15 | 36 | 1.63 | 271  |
| BRW138802 | 498  | 2.1  | 6.9   | 0.6 | 1    | 2.4  | 60  | 0.4  | 0.5 | 0.1  | 47  | 8.57 | 0.031 | 13 | 32 | 0.78 | 224  |
| BRW138844 | 371  | 4.06 | 37.8  | 2.8 | 6.1  | 13.2 | 19  | 0.2  | 1.4 | 0.3  | 68  | 0.25 | 0.057 | 34 | 41 | 0.55 | 287  |
| BRW138845 | 358  | 4.06 | 36.7  | 2.6 | 5.6  | 12.6 | 18  | 0.1  | 1.3 | 0.3  | 69  | 0.25 | 0.064 | 32 | 42 | 0.57 | 273  |
| BRW138846 | 318  | 3.14 | 22.2  | 2   | 2.8  | 7.6  | 15  | 0.1  | 1   | 0.3  | 60  | 0.2  | 0.076 | 21 | 37 | 0.44 | 185  |
| BRW138847 | 300  | 2.62 | 7.2   | 1.8 | 5.8  | 7.3  | 21  | 0.05 | 1   | 0.2  | 58  | 0.22 | 0.024 | 20 | 33 | 0.49 | 264  |
| BRW138848 | 258  | 2.76 | 8.2   | 1.8 | 1.8  | 5.5  | 23  | 0.05 | 0.8 | 0.2  | 59  | 0.26 | 0.034 | 18 | 36 | 0.49 | 286  |
| BRW138849 | 338  | 4.65 | 4.6   | 1.7 | 2.8  | 6.7  | 29  | 0.1  | 0.3 | 0.2  | 84  | 0.45 | 0.059 | 20 | 84 | 1.86 | 357  |
| BRW138850 | 276  | 3.32 | 14.7  | 2.2 | 1.8  | 8.4  | 23  | 0.05 | 1.1 | 0.2  | 61  | 0.23 | 0.032 | 19 | 49 | 0.54 | 256  |
| BRW138851 | 421  | 4.14 | 6.3   | 2.3 | 4.1  | 7    | 16  | 0.1  | 0.7 | 0.1  | 43  | 0.18 | 0.034 | 22 | 21 | 0.51 | 215  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW138156 | 0.104 | 2   | 1.47 | 0.017 | 0.35 | 0.2  | 0.24  | 7.2  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138157 | 0.118 | 2   | 1.84 | 0.013 | 0.17 | 0.1  | 0.06  | 6.4  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW138157 | 0.122 | 2   | 1.89 | 0.015 | 0.18 | 0.1  | 0.05  | 6.6  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW138159 | 0.12  | 2   | 2.13 | 0.011 | 0.18 | 0.1  | 0.03  | 6.9  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW138160 | 0.075 | 2   | 1.46 | 0.012 | 0.19 | 0.05 | 0.04  | 6.1  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000466 |
| BRW138161 | 0.084 | 2   | 1.75 | 0.014 | 0.39 | 0.05 | 0.09  | 11   | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138162 | 0.098 | 2   | 1.54 | 0.016 | 0.46 | 0.1  | 0.07  | 9    | 0.2  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000466 |
| BRW138163 | 0.037 | 4   | 1.07 | 0.013 | 0.08 | 0.1  | 0.09  | 5.4  | 0.05 | 0.09  | 3  | 0.6  | 1DX15  | WHI10000466 |
| BRW138164 | 0.063 | 2   | 1.29 | 0.014 | 0.16 | 0.1  | 0.09  | 7.3  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000466 |
| BRW138165 | 0.022 | 2   | 1.09 | 0.007 | 0.11 | 0.05 | 0.06  | 5.7  | 0.3  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000466 |
| BRW138166 | 0.022 | 2   | 1.12 | 0.007 | 0.11 | 0.1  | 0.06  | 5.5  | 0.2  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000466 |
| BRW138167 | 0.066 | 2   | 1.64 | 0.014 | 0.14 | 0.1  | 0.04  | 4.6  | 0.1  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000466 |
| BRW138170 | 0.324 | 0.5 | 3.21 | 0.02  | 1.64 | 0.05 | 0.005 | 9.3  | 0.7  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000466 |
| BRW138171 | 0.193 | 2   | 1.92 | 0.016 | 0.76 | 0.1  | 0.02  | 7.6  | 0.5  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW138172 | 0.162 | 1   | 1.85 | 0.009 | 0.84 | 0.05 | 0.02  | 9.5  | 1.8  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000466 |
| BRW138173 | 0.148 | 2   | 1.86 | 0.011 | 0.89 | 0.05 | 0.03  | 15.5 | 0.6  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000466 |
| BRW138174 | 0.136 | 3   | 2.3  | 0.019 | 0.72 | 0.05 | 0.02  | 7.5  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW138185 | 0.027 | 2   | 1.02 | 0.011 | 0.1  | 0.05 | 0.11  | 4.7  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000466 |
| BRW138191 | 0.068 | 2   | 1.55 | 0.016 | 0.09 | 0.1  | 0.09  | 5.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138193 | 0.126 | 2   | 2.02 | 0.024 | 0.21 | 0.1  | 0.04  | 6.5  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000466 |
| BRW138194 | 0.091 | 2   | 1.84 | 0.016 | 0.11 | 0.1  | 0.02  | 5    | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW138197 | 0.144 | 0.5 | 2.15 | 0.014 | 0.25 | 0.1  | 0.02  | 3.6  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW138198 | 0.13  | 0.5 | 2.11 | 0.013 | 0.23 | 0.2  | 0.03  | 3.8  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW138199 | 0.116 | 2   | 1.98 | 0.012 | 0.21 | 0.2  | 0.02  | 3.8  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW138200 | 0.136 | 1   | 2.4  | 0.027 | 0.54 | 0.1  | 0.02  | 7.7  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW138202 | 0.059 | 2   | 1.77 | 0.008 | 0.08 | 0.2  | 0.06  | 3.9  | 0.2  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000466 |
| BRW138203 | 0.053 | 0.5 | 1.97 | 0.01  | 0.06 | 0.2  | 0.03  | 3.8  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000466 |
| BRW138204 | 0.049 | 1   | 1.15 | 0.009 | 0.06 | 0.1  | 0.01  | 2.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138205 | 0.025 | 2   | 1.32 | 0.007 | 0.16 | 0.05 | 0.03  | 4.1  | 0.1  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000466 |
| BRW138206 | 0.021 | 3   | 1.06 | 0.014 | 0.09 | 0.1  | 0.09  | 4.7  | 0.05 | 0.025 | 3  | 0.7  | 1DX15  | WHI10000466 |
| BRW138207 | 0.06  | 0.5 | 1.3  | 0.009 | 0.31 | 0.1  | 0.08  | 5.3  | 0.4  | 0.025 | 4  | 1    | 1DX15  | WHI10000466 |
| BRW138208 | 0.069 | 2   | 1.62 | 0.01  | 0.32 | 0.05 | 0.06  | 5.5  | 0.4  | 0.025 | 5  | 1    | 1DX15  | WHI10000466 |
| BRW138209 | 0.138 | 1   | 2.13 | 0.019 | 0.52 | 0.05 | 0.04  | 9.1  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW138210 | 0.18  | 0.5 | 2.64 | 0.012 | 0.93 | 0.05 | 0.005 | 13.3 | 0.8  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000466 |
| BRW138211 | 0.197 | 1   | 2.34 | 0.015 | 0.74 | 0.05 | 0.03  | 9.2  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000466 |
| BRW138213 | 0.106 | 0.5 | 1.49 | 0.015 | 0.37 | 0.2  | 0.02  | 6.6  | 0.3  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000466 |
| BRW138252 | 0.061 | 3   | 1.18 | 0.047 | 0.08 | 0.2  | 0.06  | 3.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138253 | 0.077 | 2   | 1.7  | 0.013 | 0.09 | 0.1  | 0.05  | 6.3  | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000466 |
| BRW138254 | 0.051 | 3   | 1.15 | 0.013 | 0.22 | 0.05 | 0.06  | 5.4  | 0.5  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000466 |
| BRW138255 | 0.055 | 2   | 1.22 | 0.011 | 0.12 | 0.05 | 0.05  | 5.9  | 0.1  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000466 |
| BRW138256 | 0.051 | 3   | 1.38 | 0.018 | 0.17 | 0.1  | 0.1   | 6    | 0.1  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000466 |
| BRW138257 | 0.01  | 2   | 1.11 | 0.004 | 0.3  | 0.05 | 0.16  | 6.9  | 0.2  | 0.05  | 4  | 2    | 1DX15  | WHI10000466 |
| BRW138258 | 0.13  | 2   | 2.37 | 0.028 | 0.68 | 0.05 | 0.03  | 10.8 | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW138260 | 0.063 | 0.5 | 1.32 | 0.014 | 0.17 | 0.2  | 0.11  | 6.6  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138272 | 0.179 | 1   | 2.58 | 0.013 | 0.59 | 0.05 | 0.02  | 6.9  | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000466 |
| BRW138292 | 0.187 | 0.5 | 2.94 | 0.021 | 0.51 | 0.05 | 0.02  | 6    | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW138293 | 0.076 | 0.5 | 2.03 | 0.013 | 0.32 | 0.05 | 0.08  | 8.4  | 0.4  | 0.025 | 7  | 1.3  | 1DX15  | WHI10000466 |
| BRW138294 | 0.097 | 1   | 1.8  | 0.011 | 0.1  | 0.05 | 0.02  | 4    | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW138295 | 0.113 | 0.5 | 1.6  | 0.008 | 0.63 | 0.05 | 0.03  | 6.3  | 0.4  | 0.025 | 5  | 1.3  | 1DX15  | WHI10000466 |
| BRW138448 | 0.07  | 1   | 1.87 | 0.015 | 0.06 | 0.05 | 0.02  | 4.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW138449 | 0.033 | 0.5 | 1.3  | 0.006 | 0.05 | 0.1  | 0.04  | 4.6  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000466 |
| BRW138761 | 0.009 | 1   | 0.83 | 0.005 | 0.13 | 0.05 | 0.09  | 7.6  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000466 |
| BRW138799 | 0.048 | 1   | 1.43 | 0.011 | 0.04 | 0.1  | 0.06  | 5.5  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000466 |
| BRW138801 | 0.068 | 2   | 1.73 | 0.025 | 0.05 | 0.1  | 0.06  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138802 | 0.035 | 2   | 1.47 | 0.011 | 0.05 | 0.2  | 0.04  | 3.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138844 | 0.093 | 3   | 1.87 | 0.012 | 0.43 | 0.05 | 0.07  | 7    | 0.5  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000466 |
| BRW138845 | 0.096 | 2   | 1.86 | 0.013 | 0.42 | 0.1  | 0.07  | 6.3  | 0.5  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138846 | 0.068 | 1   | 1.68 | 0.012 | 0.2  | 0.1  | 0.03  | 3.8  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138847 | 0.08  | 2   | 1.41 | 0.028 | 0.14 | 0.05 | 0.1   | 4.4  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138848 | 0.07  | 1   | 1.66 | 0.014 | 0.1  | 0.2  | 0.05  | 3.9  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138849 | 0.104 | 0.5 | 2.74 | 0.016 | 0.77 | 0.05 | 0.02  | 14.3 | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000466 |
| BRW138850 | 0.088 | 2   | 1.89 | 0.009 | 0.29 | 0.05 | 0.04  | 5.9  | 0.4  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000466 |
| BRW138851 | 0.148 | 0.5 | 1.88 | 0.01  | 0.66 | 0.05 | 0.14  | 10.8 | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|------|------|
| BRW138852 | Soil | 599216     | 7006330    | 07V      | 1.4 | 21.3  | 9.7  | 39  | 0.1  | 19.7 | 8.6  |
| BRW138853 | Soil | 599177     | 7006300    | 07V      | 3.7 | 20.2  | 12   | 37  | 0.05 | 18.7 | 9.7  |
| BRW138854 | Soil | 599139     | 7006269    | 07V      | 1.5 | 34.1  | 10.3 | 53  | 0.05 | 30.3 | 11.6 |
| BRW138855 | Soil | 599098     | 7006238    | 07V      | 1   | 21.3  | 6.9  | 44  | 0.05 | 26.2 | 9.8  |
| BRW138856 | Soil | 599060     | 7006207    | 07V      | 1.7 | 20.3  | 11.5 | 51  | 0.05 | 24.5 | 12.4 |
| BRW138857 | Soil | 599021     | 7006177    | 07V      | 1.1 | 27    | 10.5 | 48  | 0.05 | 26.4 | 8.8  |
| BRW138858 | Soil | 598980     | 7006147    | 07V      | 1   | 18.5  | 8.9  | 40  | 0.05 | 16.9 | 7.5  |
| BRW138859 | Soil | 598941     | 7006115    | 07V      | 1.3 | 21.7  | 8.2  | 38  | 0.05 | 17.4 | 10.3 |
| BRW138860 | Soil | 598902     | 7006084    | 07V      | 2.4 | 24.2  | 10.6 | 62  | 0.05 | 35.7 | 13   |
| BRW138861 | Soil | 598863     | 7006055    | 07V      | 1.6 | 29    | 12.4 | 57  | 0.05 | 28   | 11   |
| BRW138862 | Soil | 598824     | 7006024    | 07V      | 1.7 | 31.8  | 10.9 | 56  | 0.2  | 32.7 | 10   |
| BRW138862 | REP  | 598824     | 7006024    | 07V      | 1.8 | 32    | 11.5 | 57  | 0.2  | 32.6 | 9.6  |
| BRW138863 | Soil | 598784     | 7005992    | 07V      | 1.2 | 37.7  | 10.2 | 62  | 0.05 | 28.9 | 9.3  |
| BRW138864 | Soil | 598746     | 7005963    | 07V      | 0.6 | 26.3  | 21.8 | 106 | 0.05 | 35.3 | 14.2 |
| BRW138865 | Soil | 598706     | 7005932    | 07V      | 0.8 | 31.8  | 19.9 | 89  | 0.05 | 35.7 | 13.7 |
| BRW138866 | Soil | 598665     | 7005900    | 07V      | 1.1 | 25.6  | 16.4 | 76  | 0.05 | 25.3 | 9.3  |
| BRW138867 | Soil | 598626     | 7005869    | 07V      | 1.5 | 29.7  | 13.7 | 74  | 0.05 | 28.4 | 9.8  |
| BRW138868 | Soil | 598626     | 7005869    | 07V      | 1.3 | 30.6  | 15   | 79  | 0.05 | 30.6 | 10.5 |
| BRW138869 | Soil | 598588     | 7005839    | 07V      | 2.2 | 33.7  | 25.5 | 126 | 0.1  | 41   | 10.4 |
| BRW138870 | Soil | 598547     | 7005808    | 07V      | 2   | 23    | 15.1 | 79  | 0.05 | 21.3 | 9.5  |
| BRW138871 | Soil | 598509     | 7005777    | 07V      | 1.5 | 41.7  | 12.9 | 136 | 0.05 | 41   | 15.4 |
| BRW138872 | Soil | 598469     | 7005747    | 07V      | 1.8 | 42.6  | 11.8 | 120 | 0.05 | 42.9 | 13.7 |
| BRW138873 | Soil | 598430     | 7005716    | 07V      | 1.2 | 19    | 9.6  | 77  | 0.05 | 20.8 | 9.7  |
| BRW138874 | Soil | 598390     | 7005686    | 07V      | 1.3 | 23.5  | 10.3 | 76  | 0.05 | 26.6 | 12.4 |
| BRW138875 | Soil | 598350     | 7005655    | 07V      | 1.2 | 24.6  | 10.9 | 112 | 0.05 | 30.3 | 14.6 |
| BRW138876 | Soil | 598311     | 7005623    | 07V      | 1   | 23.7  | 9.6  | 81  | 0.05 | 19.4 | 9.3  |
| BRW138886 | Soil | 598607     | 7006868    | 07V      | 4.2 | 43.6  | 26.8 | 155 | 0.1  | 53.6 | 12.9 |
| BRW138890 | Soil | 598489     | 7006775    | 07V      | 0.8 | 36.4  | 10.4 | 59  | 0.1  | 31.5 | 10.4 |
| BRW138891 | Soil | 598449     | 7006746    | 07V      | 1.3 | 84.6  | 19.8 | 200 | 0.4  | 55.9 | 19   |
| BRW138892 | Soil | 598409     | 7006715    | 07V      | 1.2 | 51.4  | 16   | 77  | 0.2  | 95.9 | 18.2 |
| BRW138893 | Soil | 598371     | 7006685    | 07V      | 1.2 | 37.2  | 13   | 74  | 0.05 | 39.9 | 13.7 |
| BRW138894 | Soil | 598331     | 7006655    | 07V      | 0.9 | 40.9  | 17.4 | 69  | 0.1  | 46.3 | 18.1 |
| BRW138895 | Soil | 598292     | 7006623    | 07V      | 2.6 | 31.9  | 12.1 | 82  | 0.1  | 31.1 | 20.3 |
| BRW138896 | Soil | 598253     | 7006592    | 07V      | 0.9 | 26.6  | 10.9 | 54  | 0.05 | 25   | 9.6  |
| BRW138896 | REP  | 598253     | 7006592    | 07V      | 0.9 | 25.8  | 11.4 | 54  | 0.05 | 24.5 | 9.4  |
| BRW138897 | Soil | 598213     | 7006561    | 07V      | 1.4 | 41.3  | 17   | 80  | 0.05 | 33.7 | 16   |
| BRW138898 | Soil | 598174     | 7006531    | 07V      | 3.3 | 40.7  | 32   | 106 | 0.2  | 26.9 | 11.7 |
| BRW138899 | Soil | 598135     | 7006500    | 07V      | 5.9 | 106.2 | 12.2 | 193 | 0.3  | 62.1 | 12.6 |
| BRW138900 | Soil | 598094     | 7006468    | 07V      | 3.1 | 75.4  | 13   | 147 | 0.3  | 24.1 | 5.4  |
| BRW139082 | Soil | 598941     | 7007255    | 07V      | 0.9 | 39.4  | 11.9 | 85  | 0.1  | 30.7 | 10.3 |
| BRW139083 | Soil | 598901     | 7007225    | 07V      | 1   | 40    | 14.7 | 79  | 0.2  | 36.7 | 13   |
| BRW139084 | Soil | 598861     | 7007194    | 07V      | 0.5 | 31.7  | 12.8 | 129 | 0.05 | 22.8 | 16.1 |
| BRW139085 | Soil | 598821     | 7007163    | 07V      | 0.7 | 54.6  | 29.8 | 191 | 0.05 | 32.1 | 13.2 |
| BRW139086 | Soil | 598782     | 7007133    | 07V      | 0.7 | 48.3  | 12.2 | 83  | 0.1  | 28.3 | 15.4 |
| BRW139087 | Soil | 598743     | 7007101    | 07V      | 0.8 | 36.9  | 12.9 | 50  | 0.1  | 29.1 | 10.4 |
| BRW139088 | Soil | 598704     | 7007071    | 07V      | 3   | 88    | 24.9 | 95  | 0.3  | 81.7 | 17.8 |
| BRW139089 | Soil | 598665     | 7007040    | 07V      | 1.7 | 93.6  | 17.9 | 81  | 0.2  | 55.7 | 16.5 |
| BRW139090 | Soil | 598626     | 7007009    | 07V      | 1.2 | 42.2  | 24.8 | 100 | 0.05 | 30.2 | 11.7 |
| BRW139091 | Soil | 598585     | 7006978    | 07V      | 0.9 | 26.1  | 11.2 | 62  | 0.1  | 24.7 | 9.6  |
| BRW139103 | Soil | 598190     | 7006670    | 07V      | 1.5 | 33.8  | 22.5 | 119 | 0.2  | 43.7 | 18.9 |
| BRW139104 | Soil | 598152     | 7006641    | 07V      | 1.4 | 40    | 12.6 | 63  | 0.1  | 32.5 | 10.8 |
| BRW139105 | Soil | 598113     | 7006609    | 07V      | 1.3 | 39.4  | 13.6 | 67  | 0.1  | 32.7 | 11.4 |
| BRW139106 | Soil | 598074     | 7006579    | 07V      | 0.7 | 49.9  | 9.7  | 77  | 0.05 | 50.8 | 18.6 |
| BRW139107 | Soil | 598034     | 7006548    | 07V      | 2.8 | 38.8  | 16.5 | 73  | 0.1  | 33   | 9.9  |
| BRW139108 | Soil | 597994     | 7006518    | 07V      | 2.3 | 72.7  | 15.2 | 144 | 0.2  | 43.4 | 11.8 |
| BRW139109 | Soil | 597955     | 7006486    | 07V      | 4.3 | 39.7  | 14.6 | 109 | 0.2  | 30.8 | 7    |
| BRW139110 | Soil | 597916     | 7006457    | 07V      | 5.3 | 80.4  | 42.6 | 92  | 0.1  | 35.9 | 8.5  |
| BRW139111 | Soil | 597875     | 7006425    | 07V      | 0.8 | 36.8  | 10.4 | 60  | 0.05 | 30.6 | 10.8 |
| BRW139112 | Soil | 597838     | 7006394    | 07V      | 1.3 | 48.7  | 11.7 | 82  | 0.1  | 42.3 | 15.8 |
| BRW139112 | REP  | 597838     | 7006394    | 07V      | 1.3 | 49.5  | 12.2 | 85  | 0.05 | 42.6 | 16.5 |
| BRW139113 | Soil | 597798     | 7006363    | 07V      | 1.8 | 37.1  | 12.3 | 69  | 0.2  | 24.9 | 8.8  |
| BRW139114 | Soil | 597758     | 7006333    | 07V      | 1.5 | 20.7  | 13.5 | 58  | 0.2  | 29.7 | 11   |
| BRW139115 | Soil | 597981     | 7006127    | 07V      | 0.9 | 44.1  | 8.1  | 147 | 0.2  | 34.9 | 25.9 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|------|------|----|------|------|------|-----|------|-------|----|-----|------|------|
| BRW138852 | 196  | 2.09 | 5.7  | 1   | 3.5  | 5.5  | 18 | 0.2  | 0.6  | 0.1  | 45  | 0.17 | 0.014 | 18 | 30  | 0.3  | 169  |
| BRW138853 | 228  | 2.01 | 7.6  | 0.8 | 5.8  | 3.3  | 15 | 0.05 | 0.9  | 0.2  | 38  | 0.15 | 0.018 | 11 | 30  | 0.29 | 137  |
| BRW138854 | 328  | 2.94 | 9.1  | 1.2 | 7.4  | 4.9  | 28 | 0.2  | 0.7  | 0.2  | 64  | 0.33 | 0.021 | 18 | 50  | 0.55 | 327  |
| BRW138855 | 220  | 2.2  | 5.6  | 0.8 | 1.6  | 3.6  | 19 | 0.05 | 0.7  | 0.1  | 47  | 0.21 | 0.022 | 13 | 39  | 0.47 | 161  |
| BRW138856 | 435  | 2.57 | 8.4  | 0.6 | 2.1  | 3.7  | 18 | 0.1  | 0.9  | 0.2  | 62  | 0.18 | 0.027 | 11 | 41  | 0.43 | 213  |
| BRW138857 | 260  | 2.41 | 7.8  | 1   | 3.7  | 4.1  | 24 | 0.05 | 1    | 0.2  | 55  | 0.26 | 0.023 | 15 | 43  | 0.49 | 265  |
| BRW138858 | 191  | 2.03 | 6.7  | 0.7 | 2.2  | 3.7  | 17 | 0.05 | 1.1  | 0.1  | 48  | 0.17 | 0.02  | 12 | 28  | 0.36 | 167  |
| BRW138859 | 258  | 2.1  | 7.6  | 0.7 | 1.4  | 3.9  | 18 | 0.05 | 0.9  | 0.1  | 56  | 0.18 | 0.016 | 11 | 28  | 0.37 | 196  |
| BRW138860 | 267  | 4.09 | 26.5 | 1.4 | 2.1  | 4.8  | 19 | 0.2  | 13.5 | 0.2  | 60  | 0.17 | 0.02  | 12 | 35  | 0.38 | 192  |
| BRW138861 | 284  | 2.98 | 12.8 | 1.2 | 4.5  | 5.2  | 23 | 0.05 | 1.7  | 0.2  | 63  | 0.22 | 0.017 | 16 | 42  | 0.51 | 228  |
| BRW138862 | 312  | 2.75 | 10.3 | 1.1 | 4.1  | 5.5  | 24 | 0.05 | 1.4  | 0.2  | 57  | 0.28 | 0.033 | 16 | 49  | 0.57 | 313  |
| BRW138862 | 314  | 2.9  | 10.4 | 1.1 | 4.6  | 5.7  | 25 | 0.05 | 1.4  | 0.2  | 60  | 0.3  | 0.034 | 16 | 51  | 0.57 | 316  |
| BRW138863 | 436  | 2.73 | 14.1 | 1.7 | 5.1  | 5.3  | 22 | 0.05 | 3.7  | 0.2  | 56  | 0.28 | 0.035 | 18 | 39  | 0.55 | 384  |
| BRW138864 | 469  | 3.6  | 4.9  | 0.6 | 0.25 | 7.8  | 16 | 0.1  | 0.2  | 0.1  | 55  | 0.36 | 0.065 | 16 | 64  | 1.33 | 207  |
| BRW138865 | 385  | 3.68 | 7.4  | 1.1 | 4.5  | 11.6 | 18 | 0.05 | 0.5  | 0.2  | 55  | 0.35 | 0.044 | 33 | 62  | 0.94 | 252  |
| BRW138866 | 334  | 3.12 | 10.1 | 0.8 | 1.9  | 7.2  | 19 | 0.1  | 0.9  | 0.2  | 60  | 0.25 | 0.025 | 20 | 49  | 0.78 | 263  |
| BRW138867 | 275  | 2.76 | 16.4 | 1.3 | 2.5  | 8.2  | 18 | 0.05 | 1    | 0.2  | 56  | 0.17 | 0.028 | 19 | 42  | 0.55 | 189  |
| BRW138868 | 298  | 2.78 | 17.3 | 1.3 | 2.8  | 8.2  | 17 | 0.05 | 1    | 0.2  | 57  | 0.16 | 0.03  | 19 | 45  | 0.6  | 196  |
| BRW138869 | 354  | 3.1  | 92.6 | 1.3 | 3.6  | 6.9  | 24 | 0.2  | 2.8  | 0.1  | 40  | 0.26 | 0.04  | 19 | 30  | 0.21 | 358  |
| BRW138870 | 502  | 3.61 | 9.6  | 0.6 | 2.1  | 8.3  | 16 | 0.05 | 0.4  | 0.1  | 57  | 0.32 | 0.089 | 30 | 32  | 0.59 | 254  |
| BRW138871 | 340  | 4.36 | 10.8 | 1.2 | 2    | 9.2  | 17 | 0.1  | 0.4  | 0.05 | 82  | 0.4  | 0.114 | 19 | 51  | 0.86 | 322  |
| BRW138872 | 185  | 3.93 | 8    | 0.7 | 1.5  | 11.8 | 13 | 0.05 | 0.2  | 0.05 | 81  | 0.2  | 0.037 | 35 | 64  | 0.92 | 301  |
| BRW138873 | 339  | 3.18 | 7    | 0.6 | 3.8  | 7.6  | 16 | 0.05 | 0.3  | 0.05 | 62  | 0.23 | 0.034 | 19 | 35  | 0.71 | 236  |
| BRW138874 | 426  | 3.08 | 9.5  | 0.8 | 3.3  | 8    | 21 | 0.05 | 0.3  | 0.1  | 61  | 0.29 | 0.046 | 21 | 44  | 0.62 | 386  |
| BRW138875 | 781  | 5.07 | 17   | 0.8 | 4.6  | 7.4  | 19 | 0.05 | 0.3  | 0.05 | 77  | 0.49 | 0.083 | 25 | 73  | 1.09 | 388  |
| BRW138876 | 357  | 3.39 | 6.4  | 1.1 | 5.1  | 8.2  | 19 | 0.05 | 0.4  | 0.1  | 56  | 0.24 | 0.046 | 29 | 38  | 0.64 | 200  |
| BRW138886 | 395  | 3.86 | 15   | 1.5 | 1.8  | 9.2  | 25 | 0.3  | 0.6  | 0.2  | 73  | 0.43 | 0.047 | 23 | 48  | 0.61 | 390  |
| BRW138890 | 378  | 2.96 | 9.7  | 1.7 | 4.5  | 4.8  | 42 | 0.2  | 0.7  | 0.2  | 60  | 0.88 | 0.063 | 17 | 50  | 0.93 | 307  |
| BRW138891 | 723  | 4.42 | 15   | 1.4 | 7.2  | 9.4  | 28 | 0.5  | 1.1  | 0.4  | 85  | 0.61 | 0.043 | 28 | 86  | 1.52 | 354  |
| BRW138892 | 500  | 3.96 | 14.6 | 1   | 3.8  | 8.8  | 23 | 0.1  | 0.7  | 0.2  | 67  | 0.43 | 0.051 | 35 | 79  | 1.06 | 239  |
| BRW138893 | 460  | 3.85 | 27   | 2   | 3.5  | 15.8 | 19 | 0.05 | 1    | 0.2  | 43  | 0.29 | 0.036 | 43 | 33  | 0.36 | 160  |
| BRW138894 | 470  | 4.32 | 14.2 | 0.9 | 1    | 21.9 | 17 | 0.05 | 0.5  | 0.2  | 54  | 0.3  | 0.021 | 53 | 53  | 1.01 | 287  |
| BRW138895 | 2905 | 2.6  | 10.5 | 2   | 5.7  | 4    | 35 | 0.4  | 0.9  | 0.2  | 51  | 1.1  | 0.069 | 16 | 33  | 0.62 | 622  |
| BRW138896 | 305  | 2.54 | 8.1  | 0.7 | 2.6  | 4.7  | 25 | 0.05 | 0.5  | 0.2  | 54  | 0.4  | 0.049 | 17 | 30  | 0.55 | 257  |
| BRW138896 | 314  | 2.51 | 8.3  | 0.7 | 7.5  | 4.8  | 26 | 0.1  | 0.6  | 0.2  | 55  | 0.42 | 0.048 | 16 | 31  | 0.53 | 257  |
| BRW138897 | 376  | 3.93 | 15.5 | 1.2 | 1.9  | 17.8 | 19 | 0.05 | 0.7  | 0.3  | 37  | 0.29 | 0.047 | 23 | 28  | 0.67 | 167  |
| BRW138898 | 914  | 2.95 | 77.1 | 1.1 | 3.3  | 3.9  | 25 | 0.4  | 4.2  | 0.2  | 48  | 0.25 | 0.035 | 11 | 26  | 0.31 | 342  |
| BRW138899 | 325  | 4.29 | 24.2 | 2.2 | 1.7  | 12.8 | 16 | 0.3  | 2.2  | 0.3  | 59  | 0.08 | 0.036 | 29 | 24  | 0.15 | 189  |
| BRW138900 | 278  | 3.34 | 9.1  | 1.7 | 3.8  | 11.7 | 49 | 0.2  | 0.5  | 0.2  | 94  | 0.78 | 0.043 | 30 | 44  | 1.24 | 470  |
| BRW139082 | 442  | 2.88 | 12   | 1.9 | 3.6  | 9.6  | 52 | 0.2  | 0.5  | 0.2  | 48  | 1.93 | 0.082 | 26 | 29  | 0.55 | 254  |
| BRW139083 | 447  | 3.54 | 12.3 | 1.3 | 3.8  | 9.3  | 26 | 0.05 | 0.6  | 0.2  | 66  | 0.42 | 0.068 | 25 | 47  | 0.73 | 316  |
| BRW139084 | 893  | 6.32 | 6    | 0.8 | 1    | 11.4 | 16 | 0.1  | 0.3  | 0.2  | 86  | 0.41 | 0.082 | 19 | 33  | 1.67 | 394  |
| BRW139085 | 409  | 3.4  | 12   | 1.1 | 4.6  | 16.8 | 16 | 0.05 | 0.5  | 0.2  | 36  | 0.27 | 0.019 | 41 | 35  | 0.73 | 207  |
| BRW139086 | 530  | 4.31 | 9    | 0.7 | 8.1  | 6.7  | 23 | 0.05 | 0.6  | 0.1  | 57  | 0.37 | 0.029 | 23 | 37  | 1.07 | 297  |
| BRW139087 | 515  | 2.45 | 15.6 | 1.9 | 4.3  | 3.3  | 49 | 0.2  | 0.9  | 0.2  | 45  | 0.98 | 0.066 | 16 | 27  | 0.47 | 296  |
| BRW139088 | 955  | 3.92 | 61.1 | 1.6 | 6.5  | 8.4  | 28 | 0.2  | 2.6  | 0.3  | 83  | 0.53 | 0.118 | 24 | 49  | 0.68 | 279  |
| BRW139089 | 745  | 4.15 | 25   | 1.6 | 8.7  | 11.6 | 20 | 0.05 | 1.7  | 0.3  | 57  | 0.27 | 0.041 | 29 | 36  | 0.32 | 190  |
| BRW139090 | 621  | 3.87 | 18.9 | 1.3 | 4.5  | 10.8 | 22 | 0.1  | 1.1  | 0.1  | 48  | 0.37 | 0.051 | 27 | 42  | 0.79 | 428  |
| BRW139091 | 513  | 2.77 | 17   | 0.9 | 5.7  | 5.7  | 34 | 0.2  | 0.9  | 0.1  | 49  | 0.52 | 0.076 | 16 | 27  | 0.54 | 233  |
| BRW139103 | 568  | 4.29 | 9.3  | 1.5 | 1.6  | 13   | 22 | 0.2  | 0.5  | 0.2  | 70  | 0.46 | 0.025 | 38 | 72  | 1.25 | 221  |
| BRW139104 | 529  | 2.72 | 12.4 | 1.1 | 4.6  | 4.2  | 35 | 0.2  | 1.1  | 0.2  | 53  | 0.81 | 0.062 | 16 | 33  | 0.55 | 504  |
| BRW139105 | 522  | 2.83 | 13.6 | 0.6 | 5.7  | 4.4  | 32 | 0.3  | 1.4  | 0.2  | 53  | 0.68 | 0.065 | 15 | 31  | 0.59 | 486  |
| BRW139106 | 529  | 3.94 | 4.3  | 0.8 | 2.5  | 3.8  | 23 | 0.05 | 0.4  | 0.05 | 88  | 0.67 | 0.035 | 18 | 172 | 2.17 | 293  |
| BRW139107 | 423  | 2.6  | 18.5 | 0.7 | 10.8 | 4.1  | 32 | 0.2  | 2.1  | 0.2  | 53  | 0.33 | 0.033 | 14 | 33  | 0.44 | 388  |
| BRW139108 | 309  | 2.97 | 19.7 | 1.4 | 6.9  | 5.5  | 36 | 0.3  | 1.4  | 0.2  | 130 | 0.57 | 0.139 | 19 | 60  | 0.54 | 374  |
| BRW139109 | 170  | 3.37 | 51.8 | 1   | 1.9  | 5.6  | 15 | 0.2  | 3.1  | 0.2  | 50  | 0.08 | 0.028 | 15 | 26  | 0.25 | 165  |
| BRW139110 | 231  | 2.74 | 96   | 1.4 | 9.3  | 6.3  | 27 | 0.2  | 3.4  | 0.2  | 38  | 0.16 | 0.035 | 19 | 22  | 0.13 | 160  |
| BRW139111 | 418  | 2.6  | 11.8 | 0.6 | 7.5  | 4.5  | 33 | 0.05 | 0.8  | 0.2  | 48  | 0.43 | 0.064 | 13 | 27  | 0.56 | 295  |
| BRW139112 | 526  | 3.18 | 19.3 | 0.9 | 6.8  | 7.5  | 34 | 0.2  | 1.2  | 0.2  | 56  | 0.74 | 0.054 | 22 | 39  | 0.64 | 296  |
| BRW139112 | 541  | 3.21 | 19.3 | 0.9 | 11.8 | 7.8  | 35 | 0.2  | 1.3  | 0.2  | 57  | 0.75 | 0.053 | 22 | 40  | 0.64 | 297  |
| BRW139113 | 288  | 2.78 | 16.6 | 0.9 | 4    | 4.9  | 20 | 0.2  | 1    | 0.2  | 58  | 0.17 | 0.037 | 11 | 34  | 0.44 | 309  |
| BRW139114 | 625  | 2.87 | 11.3 | 0.8 | 2.6  | 5    | 30 | 0.1  | 1.1  | 0.2  | 52  | 0.28 | 0.038 | 15 | 32  | 0.38 | 1023 |
| BRW139115 | 874  | 6.09 | 2    | 1.5 | 2.6  | 1.1  | 21 | 0.2  | 0.05 | 0.05 | 161 | 0.68 | 0.127 | 13 | 125 | 3.15 | 619  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Tl   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW138852 | 0.058 | 0.5 | 1.21 | 0.014 | 0.07 | 0.05 | 0.04  | 3.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138853 | 0.05  | 1   | 0.9  | 0.01  | 0.05 | 0.05 | 0.04  | 3.1  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000466 |
| BRW138854 | 0.092 | 0.5 | 1.94 | 0.021 | 0.07 | 0.2  | 0.04  | 7.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138855 | 0.074 | 2   | 1.23 | 0.021 | 0.07 | 0.05 | 0.03  | 4.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138856 | 0.061 | 1   | 1.65 | 0.01  | 0.06 | 0.1  | 0.02  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138857 | 0.09  | 0.5 | 1.58 | 0.02  | 0.05 | 0.1  | 0.03  | 4.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138858 | 0.07  | 0.5 | 1.32 | 0.011 | 0.06 | 0.1  | 0.03  | 3.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138859 | 0.09  | 0.5 | 1.64 | 0.016 | 0.08 | 0.05 | 0.03  | 3.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138860 | 0.073 | 1   | 1.31 | 0.016 | 0.04 | 0.5  | 0.05  | 4.6  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138861 | 0.083 | 0.5 | 1.69 | 0.012 | 0.07 | 0.1  | 0.03  | 4.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138862 | 0.073 | 1   | 1.57 | 0.013 | 0.1  | 0.2  | 0.03  | 4.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138862 | 0.074 | 2   | 1.59 | 0.014 | 0.09 | 0.2  | 0.05  | 4.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138863 | 0.076 | 2   | 1.58 | 0.015 | 0.12 | 0.1  | 0.06  | 6.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138864 | 0.175 | 0.5 | 2.56 | 0.012 | 0.77 | 0.05 | 0.005 | 3.3  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000466 |
| BRW138865 | 0.147 | 1   | 2.16 | 0.014 | 0.65 | 0.05 | 0.02  | 5.7  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW138866 | 0.11  | 1   | 1.72 | 0.01  | 0.24 | 0.05 | 0.01  | 4.9  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138867 | 0.096 | 1   | 1.54 | 0.013 | 0.24 | 0.2  | 0.02  | 4.3  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138868 | 0.103 | 2   | 1.53 | 0.014 | 0.26 | 0.05 | 0.02  | 4.1  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138869 | 0.022 | 2   | 0.81 | 0.011 | 0.08 | 0.05 | 0.06  | 4.4  | 0.1  | 0.025 | 3  | 0.5  | 1DX15  | WHI10000466 |
| BRW138870 | 0.122 | 0.5 | 1.97 | 0.013 | 0.36 | 0.1  | 0.03  | 5.1  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW138871 | 0.089 | 0.5 | 1.9  | 0.011 | 0.46 | 0.05 | 0.02  | 5.7  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW138872 | 0.144 | 0.5 | 2.26 | 0.01  | 0.69 | 0.05 | 0.005 | 4.7  | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000466 |
| BRW138873 | 0.148 | 0.5 | 1.72 | 0.017 | 0.66 | 0.05 | 0.005 | 4.2  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW138874 | 0.117 | 1   | 1.68 | 0.012 | 0.32 | 0.05 | 0.01  | 4    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW138875 | 0.16  | 2   | 2.28 | 0.014 | 0.76 | 0.05 | 0.02  | 11.5 | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW138876 | 0.139 | 0.5 | 1.71 | 0.013 | 0.38 | 0.05 | 0.02  | 6.7  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW138886 | 0.099 | 2   | 1.55 | 0.017 | 0.55 | 0.2  | 0.02  | 5.6  | 0.3  | 0.025 | 5  | 1.1  | 1DX15  | WHI10000466 |
| BRW138890 | 0.112 | 2   | 1.71 | 0.025 | 0.34 | 0.2  | 0.04  | 5    | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000466 |
| BRW138891 | 0.14  | 2   | 2.25 | 0.014 | 0.65 | 0.1  | 0.08  | 8.3  | 0.5  | 0.025 | 8  | 0.9  | 1DX15  | WHI10000466 |
| BRW138892 | 0.14  | 2   | 2.16 | 0.014 | 0.64 | 0.1  | 0.02  | 7.3  | 0.3  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000466 |
| BRW138893 | 0.039 | 2   | 1.09 | 0.01  | 0.17 | 0.1  | 0.07  | 6.4  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000466 |
| BRW138894 | 0.188 | 2   | 2.44 | 0.011 | 0.94 | 0.05 | 0.02  | 4.2  | 0.6  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW138895 | 0.076 | 3   | 1.32 | 0.019 | 0.2  | 0.2  | 0.07  | 4.5  | 0.2  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000466 |
| BRW138896 | 0.088 | 2   | 1.4  | 0.025 | 0.1  | 0.2  | 0.03  | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138896 | 0.095 | 1   | 1.35 | 0.023 | 0.1  | 0.2  | 0.04  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138897 | 0.083 | 1   | 1.4  | 0.01  | 0.34 | 0.05 | 0.02  | 3.8  | 0.4  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW138898 | 0.037 | 2   | 1.12 | 0.009 | 0.07 | 0.1  | 0.05  | 4.7  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000466 |
| BRW138899 | 0.015 | 1   | 0.61 | 0.006 | 0.13 | 0.05 | 0.02  | 2.8  | 0.4  | 0.12  | 2  | 3.2  | 1DX15  | WHI10000466 |
| BRW138900 | 0.116 | 1   | 1.79 | 0.032 | 0.64 | 0.05 | 0.03  | 4.1  | 0.7  | 0.18  | 6  | 2    | 1DX15  | WHI10000466 |
| BRW139082 | 0.072 | 2   | 1.09 | 0.018 | 0.22 | 0.05 | 0.08  | 3.8  | 0.2  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000466 |
| BRW139083 | 0.106 | 2   | 1.82 | 0.017 | 0.36 | 0.1  | 0.06  | 6.5  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139084 | 0.335 | 0.5 | 3.44 | 0.015 | 1.93 | 0.2  | 0.01  | 8.5  | 0.9  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000466 |
| BRW139085 | 0.127 | 1   | 1.76 | 0.009 | 0.48 | 0.1  | 0.04  | 4.5  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139086 | 0.226 | 0.5 | 2.7  | 0.015 | 1.1  | 0.1  | 0.05  | 7.1  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW139087 | 0.06  | 3   | 1.2  | 0.025 | 0.11 | 0.2  | 0.06  | 4.2  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000466 |
| BRW139088 | 0.065 | 3   | 1.54 | 0.016 | 0.28 | 0.1  | 0.11  | 7.3  | 0.3  | 0.025 | 5  | 1    | 1DX15  | WHI10000466 |
| BRW139089 | 0.027 | 3   | 1.18 | 0.013 | 0.1  | 0.05 | 0.07  | 7.3  | 0.2  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000466 |
| BRW139090 | 0.122 | 2   | 1.71 | 0.014 | 0.53 | 0.2  | 0.1   | 8.1  | 0.4  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000466 |
| BRW139091 | 0.067 | 2   | 1.12 | 0.028 | 0.13 | 0.1  | 0.05  | 5.5  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139103 | 0.184 | 2   | 2.86 | 0.017 | 0.73 | 0.2  | 0.01  | 5.4  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW139104 | 0.066 | 3   | 1.48 | 0.028 | 0.1  | 0.2  | 0.05  | 4.5  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000466 |
| BRW139105 | 0.07  | 3   | 1.38 | 0.026 | 0.07 | 0.2  | 0.05  | 4.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139106 | 0.193 | 2   | 2.84 | 0.021 | 0.5  | 0.1  | 0.02  | 7.4  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW139107 | 0.062 | 0.5 | 1.32 | 0.016 | 0.05 | 0.2  | 0.06  | 4.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139108 | 0.08  | 1   | 1.81 | 0.018 | 0.1  | 0.1  | 0.03  | 7.2  | 0.1  | 0.025 | 5  | 1.3  | 1DX15  | WHI10000466 |
| BRW139109 | 0.028 | 0.5 | 1.01 | 0.005 | 0.08 | 0.1  | 0.03  | 2.7  | 0.3  | 0.025 | 3  | 1.2  | 1DX15  | WHI10000466 |
| BRW139110 | 0.008 | 2   | 0.69 | 0.005 | 0.1  | 0.05 | 0.09  | 4.6  | 0.1  | 0.025 | 2  | 2.7  | 1DX15  | WHI10000466 |
| BRW139111 | 0.066 | 2   | 1.14 | 0.025 | 0.08 | 0.2  | 0.03  | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139112 | 0.085 | 2   | 1.61 | 0.028 | 0.23 | 0.1  | 0.05  | 5.1  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000466 |
| BRW139112 | 0.085 | 3   | 1.64 | 0.028 | 0.22 | 0.1  | 0.07  | 5.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139113 | 0.067 | 1   | 1.34 | 0.014 | 0.21 | 0.2  | 0.01  | 4.1  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139114 | 0.03  | 2   | 1.46 | 0.012 | 0.14 | 0.05 | 0.02  | 4.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139115 | 0.312 | 1   | 3.7  | 0.018 | 1.64 | 0.05 | 0.02  | 15.6 | 0.7  | 0.025 | 15 | 0.25 | 1DX15  | WHI10000466 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb    | Zn   | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|------|-------|------|------|-------|------|
| BRW139192 | Soil | 599432     | 7006625    | 07V      | 1.7 | 24.1 | 12.7  | 61   | 0.2  | 19    | 7.4  |
| BRW139192 | REP  | 599432     | 7006625    | 07V      | 1.8 | 23.7 | 12.2  | 59   | 0.2  | 17.8  | 6.7  |
| BRW139194 | Soil | 599357     | 7006565    | 07V      | 1.4 | 21.2 | 14.5  | 76   | 0.05 | 26.2  | 8.6  |
| BRW139195 | Soil | 599317     | 7006534    | 07V      | 1.8 | 34.4 | 26.2  | 83   | 0.05 | 31.8  | 10.2 |
| BRW139196 | Soil | 599278     | 7006503    | 07V      | 1.6 | 39.5 | 40.7  | 110  | 0.1  | 39.4  | 9.5  |
| BRW139197 | Soil | 599238     | 7006473    | 07V      | 2   | 25.1 | 10.8  | 74   | 0.05 | 23.3  | 10.3 |
| BRW139198 | Soil | 599196     | 7006439    | 07V      | 2   | 74.1 | 15.7  | 73   | 0.05 | 29.6  | 9.2  |
| BRW139200 | Soil | 599159     | 7006410    | 07V      | 2   | 97.5 | 100.3 | 1024 | 0.2  | 16    | 11.9 |
| BRW139204 | Soil | 598997     | 7006286    | 07V      | 1.6 | 24.4 | 12.9  | 52   | 0.05 | 27.1  | 10.3 |
| BRW139205 | Soil | 598961     | 7006258    | 07V      | 1.8 | 18.3 | 14    | 59   | 0.05 | 28.3  | 10.5 |
| BRW139208 | Soil | 598843     | 7006165    | 07V      | 1.2 | 17.4 | 8.6   | 36   | 0.1  | 14.4  | 7.5  |
| BRW139209 | Soil | 598804     | 7006135    | 07V      | 1   | 31.5 | 6.1   | 48   | 0.05 | 25.1  | 15.7 |
| BRW139210 | Soil | 598761     | 7006101    | 07V      | 1.3 | 46.5 | 17.3  | 92   | 0.2  | 45.5  | 17.7 |
| BRW139211 | Soil | 598724     | 7006073    | 07V      | 0.8 | 48.8 | 9.7   | 77   | 0.05 | 52.5  | 18.7 |
| BRW139213 | Soil | 598646     | 7006011    | 07V      | 1.4 | 37.4 | 18.9  | 96   | 0.05 | 33.9  | 14.9 |
| BRW139215 | Soil | 598566     | 7005948    | 07V      | 1.2 | 28.6 | 13.8  | 74   | 0.05 | 28.3  | 11.8 |
| BRW139216 | Soil | 598525     | 7005917    | 07V      | 1.7 | 28.9 | 16.2  | 58   | 0.05 | 22.1  | 14.3 |
| BRW139216 | REP  | 598525     | 7005917    | 07V      | 1.6 | 30.2 | 17.1  | 62   | 0.05 | 23.6  | 14.6 |
| BRW139217 | Soil | 598485     | 7005885    | 07V      | 1.6 | 47.6 | 12.1  | 67   | 0.3  | 33.2  | 13.6 |
| BRW139218 | Soil | 598443     | 7005853    | 07V      | 1.4 | 21.2 | 12.8  | 67   | 0.05 | 23.4  | 10.6 |
| BRW139218 | REP  | 598443     | 7005853    | 07V      | 1.4 | 21   | 12.8  | 68   | 0.05 | 23.3  | 10.3 |
| BRW139219 | Soil | 598407     | 7005824    | 07V      | 3.6 | 23   | 15.7  | 89   | 0.05 | 26.9  | 14.8 |
| BRW139220 | Soil | 598368     | 7005794    | 07V      | 2.4 | 42.6 | 14.6  | 121  | 0.05 | 17.1  | 11   |
| BRW139221 | Soil | 598326     | 7005762    | 07V      | 1.3 | 19.2 | 12.2  | 60   | 0.05 | 22.1  | 8.5  |
| BRW139222 | Soil | 599125     | 7007018    | 07V      | 1.9 | 31.7 | 22.5  | 97   | 0.05 | 34.1  | 11.7 |
| BRW139224 | Soil | 599037     | 7006951    | 07V      | 1.1 | 30.6 | 14.9  | 53   | 0.2  | 29    | 11.4 |
| BRW139224 | REP  | 599037     | 7006951    | 07V      | 1   | 30.2 | 14.5  | 52   | 0.1  | 29.2  | 10.6 |
| BRW139231 | Soil | 598761     | 7006735    | 07V      | 2.8 | 31.7 | 13.6  | 77   | 0.2  | 33.8  | 13.2 |
| BRW139236 | Soil | 598564     | 7006580    | 07V      | 1.8 | 28.8 | 31.2  | 117  | 0.2  | 37.9  | 15.1 |
| BRW139237 | Soil | 598525     | 7006550    | 07V      | 1.5 | 37.9 | 16.8  | 87   | 0.2  | 51.3  | 14.5 |
| BRW139238 | Soil | 598454     | 7006495    | 07V      | 1.8 | 35.7 | 26.4  | 95   | 0.3  | 38.8  | 14.5 |
| BRW139239 | Soil | 598416     | 7006466    | 07V      | 1.8 | 39.8 | 17.2  | 92   | 0.4  | 31.9  | 17.6 |
| BRW139240 | Soil | 598375     | 7006434    | 07V      | 1.9 | 33.3 | 33.9  | 95   | 0.4  | 38.2  | 13.2 |
| BRW139241 | Soil | 598337     | 7006404    | 07V      | 1.2 | 35.3 | 13.3  | 83   | 0.2  | 35    | 14.1 |
| BRW139242 | Soil | 598296     | 7006374    | 07V      | 1   | 23.3 | 9.9   | 73   | 0.1  | 21.5  | 9.3  |
| BRW139245 | Soil | 598179     | 7006280    | 07V      | 4.9 | 68.3 | 25.8  | 106  | 0.4  | 52.8  | 16.3 |
| BRW139246 | Soil | 598139     | 7006249    | 07V      | 0.8 | 19.4 | 7.1   | 69   | 0.05 | 21.4  | 10.1 |
| BRW139247 | Soil | 598098     | 7006217    | 07V      | 1.6 | 43.8 | 12.2  | 89   | 0.3  | 39.9  | 11.3 |
| BRW139248 | Soil | 598098     | 7006219    | 07V      | 1.7 | 46.8 | 12.4  | 88   | 0.3  | 44.8  | 12.4 |
| BRW139251 | Soil | 597794     | 7007504    | 07V      | 1   | 25.4 | 13.5  | 62   | 0.05 | 26    | 7.9  |
| BRW139253 | Soil | 597718     | 7007443    | 07V      | 0.8 | 29.6 | 18.7  | 61   | 0.05 | 29.6  | 7.4  |
| BRW139253 | REP  | 597718     | 7007443    | 07V      | 0.6 | 28   | 17.5  | 63   | 0.05 | 28    | 7.7  |
| BRW139256 | Soil | 597598     | 7007349    | 07V      | 0.2 | 21.3 | 10.1  | 82   | 0.05 | 14.9  | 8.6  |
| BRW139257 | Soil | 597557     | 7007318    | 07V      | 1.8 | 26   | 11.5  | 52   | 0.05 | 27.9  | 10.1 |
| BRW139258 | Soil | 597518     | 7007287    | 07V      | 1.2 | 17.8 | 22.2  | 383  | 0.1  | 10.3  | 9.3  |
| BRW139259 | Soil | 597479     | 7007257    | 07V      | 0.8 | 17.3 | 14.5  | 75   | 0.05 | 12.9  | 6.4  |
| BRW139336 | Soil | 599370     | 7006704    | 07V      | 2   | 27.3 | 16.9  | 68   | 0.1  | 25.3  | 9.7  |
| BRW139337 | Soil | 599332     | 7006672    | 07V      | 1.6 | 25.8 | 15.2  | 92   | 0.05 | 27.5  | 11   |
| BRW139338 | Soil | 599293     | 7006641    | 07V      | 1.2 | 18.5 | 13.8  | 69   | 0.2  | 21.6  | 9.6  |
| BRW139339 | Soil | 599252     | 7006610    | 07V      | 1.9 | 36.8 | 19.7  | 133  | 0.05 | 38.3  | 11.9 |
| BRW139340 | Soil | 599213     | 7006580    | 07V      | 3.4 | 37.9 | 49    | 125  | 0.1  | 48    | 13.6 |
| BRW139341 | Soil | 599174     | 7006549    | 07V      | 1.8 | 42.3 | 22.8  | 103  | 0.1  | 54.4  | 20.2 |
| BRW139342 | Soil | 599135     | 7006518    | 07V      | 2.2 | 18   | 11.2  | 53   | 0.2  | 29.4  | 8.3  |
| BRW139343 | Soil | 599096     | 7006487    | 07V      | 1.7 | 18.1 | 9.6   | 43   | 0.05 | 17.5  | 12   |
| BRW139344 | Soil | 599055     | 7006457    | 07V      | 2.1 | 18.1 | 12.2  | 49   | 0.05 | 22.9  | 10.1 |
| BRW139345 | Soil | 599015     | 7006425    | 07V      | 2   | 42.3 | 13.6  | 96   | 0.05 | 51.5  | 13.5 |
| BRW139346 | Soil | 598976     | 7006394    | 07V      | 1.9 | 22.8 | 17    | 73   | 0.05 | 41.9  | 10.8 |
| BRW139347 | Soil | 598937     | 7006363    | 07V      | 1.3 | 26.5 | 14.1  | 72   | 0.05 | 106.3 | 13.9 |
| BRW139348 | Soil | 598897     | 7006333    | 07V      | 2.2 | 19.7 | 20.2  | 60   | 0.1  | 32.6  | 10.3 |
| BRW139349 | Soil | 598859     | 7006302    | 07V      | 2   | 28.6 | 14.6  | 83   | 0.05 | 33.2  | 12.7 |
| BRW139350 | Soil | 598817     | 7006271    | 07V      | 1   | 18.5 | 10.1  | 80   | 0.1  | 28.6  | 11.7 |
| BRW139352 | Soil | 598739     | 7006212    | 07V      | 2.1 | 22.4 | 11.6  | 72   | 0.05 | 25.7  | 11.9 |
| BRW139354 | Soil | 598662     | 7006150    | 07V      | 0.9 | 33.5 | 7     | 67   | 0.05 | 26.2  | 15   |

| SampleID  | Mn   | Fe   | As   | U   | Au   | Th   | Sr | Cd   | Sb  | Bi   | V  | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|----|------|-----|------|----|------|-------|----|-----|------|-----|
| BRW139192 | 209  | 2.83 | 12.6 | 1.3 | 7.5  | 5.6  | 19 | 0.05 | 0.5 | 0.2  | 55 | 0.25 | 0.063 | 17 | 30  | 0.47 | 228 |
| BRW139192 | 206  | 2.83 | 12.4 | 1.2 | 3.4  | 5.5  | 19 | 0.05 | 0.5 | 0.2  | 54 | 0.25 | 0.059 | 17 | 30  | 0.45 | 221 |
| BRW139194 | 320  | 2.87 | 7.3  | 1.8 | 3.4  | 7.7  | 22 | 0.1  | 0.4 | 0.2  | 54 | 0.27 | 0.07  | 19 | 37  | 0.53 | 239 |
| BRW139195 | 343  | 3.42 | 17.1 | 3.3 | 4.1  | 10.6 | 23 | 0.1  | 1   | 0.1  | 48 | 0.27 | 0.05  | 24 | 32  | 0.43 | 330 |
| BRW139196 | 337  | 3.32 | 17.6 | 2.8 | 5.5  | 11.2 | 23 | 0.2  | 0.8 | 0.2  | 46 | 0.32 | 0.081 | 25 | 32  | 0.38 | 251 |
| BRW139197 | 324  | 2.84 | 7.9  | 1.5 | 5.1  | 5.8  | 23 | 0.1  | 0.5 | 0.1  | 57 | 0.23 | 0.041 | 17 | 35  | 0.52 | 253 |
| BRW139198 | 401  | 3    | 11.5 | 2.3 | 4.3  | 8.3  | 27 | 0.1  | 1   | 0.4  | 54 | 0.19 | 0.051 | 36 | 49  | 0.89 | 268 |
| BRW139200 | 759  | 5.24 | 14.4 | 3.4 | 4.8  | 9.3  | 28 | 1.1  | 0.4 | 0.2  | 89 | 0.44 | 0.094 | 30 | 66  | 1.4  | 256 |
| BRW139204 | 347  | 2.71 | 8.6  | 1.2 | 2.6  | 4.5  | 24 | 0.1  | 0.9 | 0.2  | 58 | 0.27 | 0.018 | 17 | 44  | 0.48 | 292 |
| BRW139205 | 366  | 2.71 | 9    | 0.7 | 3.4  | 4.2  | 21 | 0.1  | 1   | 0.2  | 58 | 0.22 | 0.032 | 13 | 49  | 0.46 | 229 |
| BRW139208 | 239  | 2.16 | 6.7  | 0.4 | 3.7  | 2.2  | 23 | 0.05 | 1   | 0.2  | 55 | 0.26 | 0.027 | 7  | 40  | 0.43 | 186 |
| BRW139209 | 331  | 3.02 | 4.8  | 0.5 | 1    | 3    | 15 | 0.05 | 0.4 | 0.05 | 64 | 0.47 | 0.056 | 6  | 142 | 1.3  | 207 |
| BRW139210 | 694  | 4.35 | 37.4 | 1.1 | 5.4  | 7.3  | 21 | 0.2  | 2.2 | 0.2  | 67 | 0.75 | 0.057 | 21 | 87  | 0.74 | 297 |
| BRW139211 | 544  | 4.03 | 4.2  | 0.8 | 2.7  | 4    | 22 | 0.05 | 0.3 | 0.1  | 91 | 0.66 | 0.035 | 18 | 167 | 2.18 | 306 |
| BRW139213 | 405  | 3.95 | 11.8 | 1.3 | 3.9  | 8.5  | 22 | 0.1  | 0.6 | 0.2  | 75 | 0.57 | 0.078 | 28 | 74  | 1.17 | 319 |
| BRW139215 | 391  | 3.15 | 11.5 | 1.4 | 3.8  | 6.9  | 27 | 0.05 | 1.1 | 0.2  | 57 | 0.31 | 0.044 | 21 | 39  | 0.52 | 476 |
| BRW139216 | 490  | 2.48 | 23.7 | 1.4 | 2.8  | 3.1  | 23 | 0.1  | 1.3 | 0.2  | 49 | 0.2  | 0.034 | 16 | 30  | 0.35 | 419 |
| BRW139216 | 503  | 2.53 | 24   | 1.5 | 4.4  | 3.2  | 25 | 0.2  | 1.3 | 0.2  | 51 | 0.2  | 0.034 | 17 | 31  | 0.38 | 430 |
| BRW139217 | 1102 | 3.09 | 15.1 | 2.6 | 6.1  | 7    | 33 | 0.5  | 1.1 | 0.1  | 57 | 0.7  | 0.064 | 46 | 34  | 0.4  | 538 |
| BRW139218 | 356  | 3.35 | 9    | 0.8 | 0.8  | 8.2  | 18 | 0.05 | 0.3 | 0.1  | 64 | 0.31 | 0.036 | 22 | 47  | 0.71 | 304 |
| BRW139218 | 352  | 3.32 | 8.8  | 0.7 | 1.9  | 7.9  | 17 | 0.05 | 0.3 | 0.1  | 67 | 0.31 | 0.036 | 21 | 46  | 0.7  | 303 |
| BRW139219 | 558  | 3.61 | 17.1 | 0.4 | 0.25 | 4.1  | 11 | 0.05 | 0.2 | 0.05 | 78 | 0.16 | 0.047 | 8  | 49  | 0.61 | 213 |
| BRW139220 | 426  | 5.33 | 19.7 | 1.1 | 0.8  | 12.8 | 17 | 0.05 | 0.3 | 0.05 | 65 | 0.24 | 0.031 | 38 | 37  | 1.08 | 327 |
| BRW139221 | 365  | 3    | 7.1  | 0.5 | 2    | 4    | 20 | 0.05 | 0.3 | 0.1  | 55 | 0.29 | 0.041 | 11 | 42  | 0.62 | 270 |
| BRW139222 | 402  | 2.94 | 11.8 | 1.8 | 3.6  | 8.8  | 26 | 0.1  | 0.7 | 0.2  | 44 | 0.37 | 0.052 | 23 | 34  | 0.34 | 306 |
| BRW139224 | 457  | 2.97 | 11.1 | 0.7 | 4.9  | 5    | 24 | 0.1  | 0.8 | 0.2  | 52 | 0.51 | 0.019 | 18 | 32  | 0.59 | 310 |
| BRW139224 | 438  | 2.87 | 11   | 0.7 | 5.3  | 5    | 24 | 0.05 | 0.8 | 0.2  | 54 | 0.5  | 0.018 | 18 | 32  | 0.58 | 303 |
| BRW139231 | 526  | 3.43 | 24.5 | 1.7 | 5.7  | 5.6  | 24 | 0.2  | 0.9 | 0.2  | 62 | 0.65 | 0.047 | 20 | 46  | 0.66 | 404 |
| BRW139236 | 575  | 3.08 | 6.2  | 1.7 | 3.9  | 8.1  | 33 | 0.2  | 0.5 | 0.2  | 50 | 0.95 | 0.056 | 28 | 58  | 0.98 | 292 |
| BRW139237 | 505  | 3.68 | 10.3 | 1.9 | 4.2  | 9.8  | 24 | 0.2  | 0.7 | 0.2  | 55 | 0.77 | 0.059 | 32 | 69  | 0.91 | 302 |
| BRW139238 | 587  | 3.96 | 13   | 1.8 | 7.5  | 15.7 | 24 | 0.1  | 0.8 | 0.3  | 54 | 0.6  | 0.046 | 38 | 47  | 0.74 | 324 |
| BRW139239 | 623  | 4.12 | 16.9 | 2.1 | 4.3  | 7    | 25 | 0.2  | 0.9 | 0.3  | 74 | 0.75 | 0.058 | 26 | 62  | 1.28 | 364 |
| BRW139240 | 521  | 3.66 | 20.9 | 1.4 | 10   | 7.3  | 28 | 0.3  | 1.6 | 0.2  | 55 | 0.68 | 0.077 | 22 | 37  | 0.69 | 378 |
| BRW139241 | 756  | 3.37 | 15.6 | 1.6 | 4.2  | 3.1  | 34 | 0.3  | 1.5 | 0.2  | 57 | 1.87 | 0.107 | 18 | 31  | 0.95 | 683 |
| BRW139242 | 348  | 2.55 | 8    | 1.2 | 2    | 4.3  | 27 | 0.2  | 0.9 | 0.1  | 49 | 0.91 | 0.073 | 18 | 32  | 0.6  | 297 |
| BRW139245 | 730  | 4.04 | 72.6 | 2.7 | 15.3 | 4.9  | 28 | 0.3  | 4.1 | 0.2  | 55 | 0.62 | 0.098 | 23 | 42  | 0.54 | 352 |
| BRW139246 | 378  | 2.49 | 6.6  | 1.1 | 2    | 2.9  | 31 | 0.3  | 0.4 | 0.05 | 54 | 0.69 | 0.069 | 14 | 30  | 0.64 | 235 |
| BRW139247 | 381  | 3.15 | 42.4 | 1.2 | 5.1  | 6.7  | 35 | 0.2  | 1.3 | 0.2  | 56 | 0.7  | 0.079 | 24 | 37  | 0.66 | 373 |
| BRW139248 | 398  | 3.48 | 45.4 | 1.4 | 5.8  | 6.9  | 37 | 0.2  | 1.7 | 0.2  | 59 | 0.72 | 0.082 | 25 | 38  | 0.7  | 421 |
| BRW139251 | 235  | 2.63 | 10.7 | 1.6 | 2.6  | 6.3  | 21 | 0.05 | 0.6 | 0.2  | 51 | 0.28 | 0.05  | 21 | 37  | 0.52 | 231 |
| BRW139253 | 224  | 2.33 | 11.4 | 1.7 | 1.5  | 8.4  | 22 | 0.05 | 0.5 | 0.1  | 44 | 0.3  | 0.055 | 25 | 38  | 0.49 | 197 |
| BRW139253 | 218  | 2.31 | 11.4 | 1.6 | 3    | 8.1  | 22 | 0.05 | 0.5 | 0.1  | 45 | 0.31 | 0.059 | 25 | 38  | 0.48 | 193 |
| BRW139256 | 323  | 3.45 | 4.8  | 1   | 0.7  | 9.2  | 30 | 0.05 | 0.2 | 0.05 | 43 | 0.4  | 0.063 | 25 | 18  | 0.82 | 385 |
| BRW139257 | 388  | 2.73 | 8.7  | 1.5 | 3.2  | 4.3  | 28 | 0.05 | 0.5 | 0.2  | 56 | 0.4  | 0.048 | 16 | 39  | 0.53 | 309 |
| BRW139258 | 490  | 4.75 | 8.9  | 1.6 | 0.25 | 8.9  | 21 | 0.5  | 0.3 | 0.1  | 46 | 0.36 | 0.118 | 24 | 16  | 0.73 | 203 |
| BRW139259 | 258  | 3    | 5.8  | 0.9 | 5.1  | 12.6 | 15 | 0.05 | 0.5 | 0.1  | 32 | 0.19 | 0.014 | 41 | 22  | 0.48 | 183 |
| BRW139336 | 307  | 2.98 | 13.9 | 1.8 | 5.2  | 7.3  | 21 | 0.1  | 0.7 | 0.2  | 59 | 0.26 | 0.052 | 18 | 38  | 0.48 | 252 |
| BRW139337 | 357  | 3.18 | 12.2 | 1.5 | 2.5  | 7.8  | 20 | 0.2  | 0.5 | 0.2  | 59 | 0.24 | 0.065 | 18 | 35  | 0.48 | 241 |
| BRW139338 | 369  | 2.53 | 8.4  | 1.7 | 1.7  | 5.2  | 21 | 0.1  | 0.4 | 0.2  | 52 | 0.26 | 0.065 | 18 | 33  | 0.48 | 256 |
| BRW139339 | 596  | 4.02 | 11.9 | 2.6 | 12.3 | 14   | 22 | 0.2  | 0.6 | 0.2  | 66 | 0.28 | 0.086 | 30 | 44  | 0.6  | 270 |
| BRW139340 | 443  | 4.33 | 40.3 | 1.9 | 1    | 5.1  | 17 | 0.3  | 1.3 | 0.3  | 58 | 0.14 | 0.082 | 22 | 33  | 0.24 | 182 |
| BRW139341 | 623  | 5.22 | 7.8  | 1.9 | 3.3  | 6.4  | 16 | 0.1  | 0.7 | 0.2  | 94 | 0.56 | 0.095 | 15 | 108 | 1.13 | 600 |
| BRW139342 | 171  | 2.36 | 12.1 | 0.8 | 1.7  | 3.2  | 16 | 0.05 | 0.6 | 0.2  | 46 | 0.16 | 0.04  | 12 | 48  | 0.4  | 134 |
| BRW139343 | 252  | 2.31 | 9.6  | 1.4 | 6.1  | 5.4  | 19 | 0.05 | 0.6 | 0.2  | 43 | 0.18 | 0.02  | 16 | 29  | 0.32 | 159 |
| BRW139344 | 307  | 2.46 | 7.7  | 1   | 5.9  | 3.7  | 23 | 0.05 | 0.5 | 0.2  | 55 | 0.27 | 0.027 | 13 | 39  | 0.41 | 244 |
| BRW139345 | 465  | 3.32 | 7.7  | 1.2 | 3.2  | 6.4  | 24 | 0.2  | 0.9 | 0.2  | 66 | 0.41 | 0.056 | 16 | 63  | 0.69 | 545 |
| BRW139346 | 319  | 3.14 | 12.8 | 1.2 | 3.3  | 4.7  | 21 | 0.05 | 1   | 0.3  | 58 | 0.39 | 0.042 | 9  | 61  | 0.37 | 161 |
| BRW139347 | 381  | 3.15 | 10.1 | 1.6 | 8    | 7.5  | 30 | 0.05 | 0.9 | 0.2  | 55 | 0.33 | 0.026 | 25 | 167 | 0.93 | 283 |
| BRW139348 | 362  | 2.57 | 13   | 1   | 3.9  | 2.8  | 27 | 0.3  | 0.9 | 0.2  | 56 | 0.41 | 0.042 | 13 | 51  | 0.41 | 272 |
| BRW139349 | 532  | 3.29 | 12.4 | 1.2 | 4    | 4.8  | 22 | 0.05 | 0.9 | 0.2  | 69 | 0.55 | 0.043 | 16 | 79  | 1.16 | 300 |
| BRW139350 | 425  | 3.46 | 10.5 | 0.7 | 2.6  | 3.4  | 20 | 0.05 | 0.9 | 0.2  | 79 | 0.34 | 0.04  | 13 | 95  | 1.41 | 245 |
| BRW139352 | 375  | 3.75 | 8    | 0.6 | 15.3 | 4.5  | 16 | 0.05 | 0.5 | 0.2  | 75 | 0.23 | 0.019 | 11 | 66  | 1.16 | 168 |
| BRW139354 | 306  | 3.59 | 5.6  | 0.7 | 1.4  | 4.5  | 16 | 0.05 | 0.3 | 0.2  | 79 | 0.23 | 0.022 | 18 | 78  | 1.38 | 244 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW139192 | 0.056 | 0.5 | 1.6  | 0.011 | 0.17 | 0.1  | 0.03  | 3.5  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139192 | 0.058 | 0.5 | 1.52 | 0.01  | 0.16 | 0.1  | 0.03  | 3    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139194 | 0.091 | 0.5 | 1.51 | 0.012 | 0.28 | 0.05 | 0.05  | 4    | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139195 | 0.051 | 2   | 1.25 | 0.01  | 0.17 | 0.1  | 0.09  | 5.4  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139196 | 0.045 | 2   | 1.15 | 0.009 | 0.24 | 0.1  | 0.09  | 5.1  | 0.2  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000466 |
| BRW139197 | 0.09  | 0.5 | 1.59 | 0.013 | 0.16 | 0.05 | 0.05  | 4.6  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000466 |
| BRW139198 | 0.121 | 0.5 | 1.94 | 0.007 | 0.76 | 0.05 | 0.03  | 3.6  | 0.8  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139200 | 0.127 | 0.5 | 2.85 | 0.013 | 1    | 0.05 | 0.03  | 9.3  | 1.9  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000466 |
| BRW139204 | 0.08  | 0.5 | 1.62 | 0.019 | 0.07 | 0.1  | 0.05  | 5.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139205 | 0.07  | 0.5 | 1.72 | 0.011 | 0.08 | 0.1  | 0.03  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139208 | 0.061 | 0.5 | 1.46 | 0.015 | 0.05 | 0.1  | 0.02  | 2.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139209 | 0.142 | 1   | 2.1  | 0.013 | 0.37 | 0.05 | 0.005 | 3.6  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW139210 | 0.066 | 4   | 1.74 | 0.022 | 0.22 | 0.1  | 0.11  | 9.1  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000466 |
| BRW139211 | 0.191 | 1   | 2.97 | 0.024 | 0.48 | 0.05 | 0.01  | 7.5  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW139213 | 0.158 | 1   | 2.39 | 0.024 | 0.62 | 0.1  | 0.02  | 6.4  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW139215 | 0.088 | 2   | 1.74 | 0.012 | 0.14 | 0.2  | 0.03  | 6    | 0.1  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000466 |
| BRW139216 | 0.047 | 3   | 1.39 | 0.01  | 0.08 | 0.1  | 0.06  | 3.7  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139216 | 0.051 | 2   | 1.41 | 0.022 | 0.09 | 0.1  | 0.05  | 3.8  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139217 | 0.05  | 2   | 1.57 | 0.02  | 0.13 | 0.1  | 0.06  | 9    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139218 | 0.116 | 0.5 | 1.78 | 0.018 | 0.27 | 0.1  | 0.02  | 5.6  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139218 | 0.13  | 0.5 | 1.79 | 0.012 | 0.27 | 0.05 | 0.005 | 5.5  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139219 | 0.129 | 0.5 | 1.62 | 0.01  | 0.55 | 0.05 | 0.01  | 3.8  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139220 | 0.249 | 1   | 2.55 | 0.012 | 1.06 | 0.05 | 0.005 | 8.5  | 0.9  | 0.025 | 11 | 0.6  | 1DX15  | WHI10000466 |
| BRW139221 | 0.114 | 0.5 | 1.68 | 0.02  | 0.35 | 0.1  | 0.005 | 4    | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139222 | 0.02  | 2   | 1.09 | 0.011 | 0.16 | 0.05 | 0.07  | 3.3  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139224 | 0.068 | 2   | 1.35 | 0.025 | 0.15 | 0.2  | 0.06  | 5.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139224 | 0.064 | 0.5 | 1.31 | 0.029 | 0.14 | 0.2  | 0.07  | 5.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139231 | 0.08  | 2   | 1.64 | 0.017 | 0.15 | 0.1  | 0.1   | 7.9  | 0.4  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000466 |
| BRW139236 | 0.139 | 2   | 1.94 | 0.021 | 0.39 | 0.1  | 0.05  | 4.3  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139237 | 0.107 | 2   | 1.87 | 0.019 | 0.36 | 0.05 | 0.07  | 6.8  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139238 | 0.139 | 2   | 1.86 | 0.018 | 0.4  | 0.2  | 0.08  | 6.2  | 0.4  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000466 |
| BRW139239 | 0.102 | 2   | 2.2  | 0.023 | 0.42 | 0.05 | 0.06  | 8.5  | 0.4  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000466 |
| BRW139240 | 0.067 | 2   | 1.54 | 0.015 | 0.18 | 0.2  | 0.1   | 6.1  | 0.2  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000466 |
| BRW139241 | 0.047 | 5   | 1.3  | 0.017 | 0.15 | 0.1  | 0.07  | 4.9  | 0.05 | 0.09  | 5  | 0.9  | 1DX15  | WHI10000466 |
| BRW139242 | 0.071 | 2   | 1.34 | 0.015 | 0.17 | 0.2  | 0.04  | 4.6  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139245 | 0.038 | 1   | 1.01 | 0.012 | 0.15 | 0.1  | 0.09  | 5.1  | 0.2  | 0.025 | 3  | 1.7  | 1DX15  | WHI10000466 |
| BRW139246 | 0.068 | 0.5 | 1.29 | 0.025 | 0.09 | 0.2  | 0.03  | 3.4  | 0.05 | 0.025 | 3  | 0.6  | 1DX15  | WHI10000466 |
| BRW139247 | 0.073 | 2   | 1.31 | 0.023 | 0.22 | 0.1  | 0.07  | 4.6  | 0.2  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000466 |
| BRW139248 | 0.072 | 3   | 1.36 | 0.024 | 0.24 | 0.1  | 0.07  | 5    | 0.3  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000466 |
| BRW139251 | 0.074 | 1   | 1.47 | 0.014 | 0.09 | 0.2  | 0.04  | 5.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139253 | 0.091 | 2   | 1.38 | 0.013 | 0.19 | 0.05 | 0.04  | 3.4  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139253 | 0.093 | 0.5 | 1.41 | 0.013 | 0.19 | 0.1  | 0.04  | 3.7  | 0.2  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000466 |
| BRW139256 | 0.199 | 0.5 | 2.69 | 0.022 | 0.83 | 0.05 | 0.02  | 4.8  | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000466 |
| BRW139257 | 0.071 | 0.5 | 1.54 | 0.026 | 0.09 | 0.2  | 0.04  | 5.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139258 | 0.238 | 2   | 2.64 | 0.01  | 0.97 | 0.05 | 0.02  | 8.2  | 0.6  | 0.025 | 9  | 0.5  | 1DX15  | WHI10000466 |
| BRW139259 | 0.096 | 0.5 | 2    | 0.01  | 0.36 | 0.1  | 0.03  | 5.9  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139336 | 0.079 | 2   | 1.7  | 0.014 | 0.17 | 0.2  | 0.04  | 3.9  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000466 |
| BRW139337 | 0.075 | 0.5 | 1.68 | 0.011 | 0.21 | 0.05 | 0.02  | 3.6  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139338 | 0.058 | 1   | 1.53 | 0.012 | 0.16 | 0.1  | 0.03  | 3.1  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139339 | 0.108 | 4   | 1.74 | 0.008 | 0.47 | 0.1  | 0.04  | 4.7  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139340 | 0.016 | 0.5 | 1.27 | 0.007 | 0.17 | 0.05 | 0.03  | 2.8  | 0.3  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000466 |
| BRW139341 | 0.091 | 2   | 2.18 | 0.015 | 0.7  | 0.05 | 0.09  | 14.1 | 0.6  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000466 |
| BRW139342 | 0.063 | 0.5 | 1.35 | 0.01  | 0.1  | 0.05 | 0.03  | 2.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139343 | 0.059 | 2   | 1.23 | 0.011 | 0.06 | 0.05 | 0.04  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139344 | 0.073 | 1   | 1.53 | 0.013 | 0.07 | 0.2  | 0.05  | 3.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139345 | 0.08  | 1   | 1.61 | 0.012 | 0.17 | 0.2  | 0.06  | 9.5  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW139346 | 0.041 | 1   | 1.46 | 0.01  | 0.07 | 0.2  | 0.09  | 5.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139347 | 0.094 | 1   | 1.83 | 0.014 | 0.23 | 0.05 | 0.06  | 6.4  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139348 | 0.058 | 1   | 1.57 | 0.012 | 0.08 | 0.1  | 0.04  | 3.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139349 | 0.12  | 2   | 2.08 | 0.013 | 0.35 | 0.1  | 0.04  | 6.9  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139350 | 0.15  | 1   | 2.26 | 0.011 | 0.41 | 0.2  | 0.03  | 5.1  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW139352 | 0.195 | 2   | 2.45 | 0.012 | 0.34 | 0.1  | 0.02  | 4.4  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000466 |
| BRW139354 | 0.172 | 1   | 2.2  | 0.012 | 0.56 | 0.05 | 0.01  | 5.1  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu   | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|------|------|------|-----|------|------|------|
| BRW139356 | Soil | 598581     | 7006090    | 07V      | 1.2  | 32.1 | 15.8 | 77  | 0.1  | 27.4 | 12.6 |
| BRW139357 | Soil | 598545     | 7006059    | 07V      | 0.7  | 24   | 9.7  | 69  | 0.1  | 19.9 | 9.8  |
| BRW139357 | REP  | 598545     | 7006059    | 07V      | 0.7  | 23   | 9.6  | 68  | 0.1  | 18.5 | 9.6  |
| BRW139358 | Soil | 598504     | 7006027    | 07V      | 1.8  | 30.3 | 12.5 | 75  | 0.1  | 34.8 | 11.2 |
| BRW139360 | Soil | 598424     | 7005966    | 07V      | 1.6  | 24.6 | 12.7 | 61  | 0.1  | 24.1 | 11.4 |
| BRW139362 | Soil | 598347     | 7005903    | 07V      | 1.2  | 29.4 | 16.6 | 128 | 0.05 | 32   | 14.5 |
| BRW139363 | Soil | 598347     | 7005903    | 07V      | 1.3  | 29.2 | 15.6 | 124 | 0.05 | 32.8 | 14   |
| BRW139364 | Soil | 598307     | 7005871    | 07V      | 1.9  | 48.9 | 12.1 | 73  | 0.05 | 35.8 | 13.6 |
| BRW139364 | REP  | 598307     | 7005871    | 07V      | 1.8  | 48.9 | 12.2 | 71  | 0.05 | 35.4 | 13.2 |
| BRW139365 | Soil | 598266     | 7005841    | 07V      | 2.3  | 31.6 | 11.8 | 75  | 0.05 | 29.7 | 11.1 |
| BRW139366 | Soil | 598229     | 7005810    | 07V      | 0.9  | 28.3 | 10.4 | 62  | 0.1  | 28   | 10.9 |
| BRW139366 | REP  | 598229     | 7005810    | 07V      | 1    | 30   | 10.2 | 64  | 0.05 | 28   | 11.3 |
| BRW139402 | Soil | 599063     | 7007098    | 07V      | 2    | 23.6 | 22.6 | 85  | 0.1  | 18.4 | 7.7  |
| BRW139403 | Soil | 599026     | 7007069    | 07V      | 1.9  | 37.3 | 23.6 | 80  | 0.2  | 31.3 | 13.2 |
| BRW139404 | Soil | 598985     | 7007039    | 07V      | 1.8  | 37.7 | 29.4 | 68  | 0.2  | 31.7 | 9.6  |
| BRW139404 | REP  | 598985     | 7007039    | 07V      | 2    | 39.6 | 31.2 | 71  | 0.2  | 32.2 | 10   |
| BRW139405 | Soil | 598947     | 7007007    | 07V      | 1    | 35.8 | 9.8  | 75  | 0.1  | 29.5 | 11.5 |
| BRW139406 | Soil | 598907     | 7006977    | 07V      | 1    | 26.4 | 10.8 | 61  | 0.1  | 24.6 | 10.8 |
| BRW139407 | Soil | 598868     | 7006945    | 07V      | 0.5  | 35.8 | 9.8  | 93  | 0.2  | 30.2 | 10.1 |
| BRW139409 | Soil | 598788     | 7006883    | 07V      | 2.6  | 28.9 | 17.2 | 61  | 0.2  | 22.3 | 11.3 |
| BRW139410 | Soil | 598749     | 7006853    | 07V      | 1.2  | 25.1 | 6.5  | 52  | 0.1  | 20.1 | 7.7  |
| BRW139415 | Soil | 598552     | 7006699    | 07V      | 1.7  | 23.7 | 15.1 | 59  | 0.2  | 23.1 | 10.8 |
| BRW139415 | REP  | 598552     | 7006699    | 07V      | 1.8  | 23.8 | 15.4 | 61  | 0.2  | 23   | 11   |
| BRW139417 | Soil | 598474     | 7006637    | 07V      | 1.5  | 29.9 | 12.2 | 79  | 0.1  | 28.7 | 11.7 |
| BRW139419 | Soil | 598393     | 7006574    | 07V      | 1.3  | 24.8 | 9.9  | 67  | 0.2  | 21.5 | 12.6 |
| BRW139420 | Soil | 598355     | 7006544    | 07V      | 0.8  | 29.5 | 11.2 | 78  | 0.1  | 23.6 | 9.2  |
| BRW139423 | Soil | 598236     | 7006452    | 07V      | 3.7  | 52.8 | 19.9 | 130 | 0.4  | 51.8 | 13.6 |
| BRW139424 | Soil | 598197     | 7006420    | 07V      | 3.8  | 71.2 | 19.1 | 131 | 0.2  | 46.1 | 17.8 |
| BRW139425 | Soil | 598158     | 7006390    | 07V      | 2.5  | 66.8 | 14.8 | 87  | 0.3  | 40   | 13.5 |
| BRW139426 | Soil | 598116     | 7006358    | 07V      | 1.2  | 28.3 | 10.3 | 56  | 0.05 | 28.4 | 12.6 |
| BRW139426 | REP  | 598116     | 7006358    | 07V      | 1.2  | 27.2 | 10.5 | 56  | 0.05 | 28.3 | 12.8 |
| BRW139427 | Soil | 598078     | 7006329    | 07V      | 2.1  | 55.6 | 13.5 | 66  | 0.1  | 40.1 | 13.2 |
| BRW139428 | Soil | 598038     | 7006298    | 07V      | 3.1  | 54.9 | 16.2 | 102 | 0.2  | 60.2 | 15.1 |
| BRW139429 | Soil | 597999     | 7006267    | 07V      | 2.8  | 74.5 | 19.7 | 93  | 0.05 | 49.2 | 11.4 |
| BRW139430 | Soil | 597959     | 7006235    | 07V      | 1    | 21.7 | 8.9  | 88  | 0.05 | 18.4 | 18.4 |
| BRW139431 | Soil | 597959     | 7006235    | 07V      | 2.8  | 50   | 15.9 | 83  | 0.2  | 53.5 | 15.9 |
| BRW139432 | Soil | 597919     | 7006204    | 07V      | 1.3  | 41.2 | 12.2 | 59  | 0.05 | 34.7 | 11.4 |
| BRW139697 | Soil | 598068     | 7006831    | 07V      | 1    | 18.8 | 8    | 60  | 0.1  | 46.4 | 14.7 |
| BRW139698 | Soil | 598029     | 7006798    | 07V      | 1.2  | 49.5 | 11.1 | 55  | 0.2  | 51   | 13.6 |
| BRW139700 | Soil | 597952     | 7006737    | 07V      | 1.5  | 23.9 | 13   | 72  | 0.1  | 26.4 | 10.5 |
| BRW140243 | Soil | 599494     | 7005976    | 07V      | 1.6  | 35.1 | 13   | 97  | 0.2  | 25.3 | 9.5  |
| BRW140249 | Soil | 599613     | 7006068    | 07V      | 1    | 33.1 | 12.2 | 67  | 0.2  | 24.9 | 9.6  |
| BRW140250 | Soil | 599633     | 7006084    | 07V      | 2.7  | 42.3 | 17.7 | 120 | 0.2  | 38.2 | 12.4 |
| BRW140251 | Soil | 599654     | 7006100    | 07V      | 1.6  | 17.2 | 13.2 | 64  | 0.1  | 21.8 | 9.6  |
| BRW144037 | Soil | 599252     | 7006165    | 07V      | 1.4  | 33.8 | 10.3 | 53  | 0.05 | 26.5 | 10.1 |
| BRW144039 | Soil | 599296     | 7006196    | 07V      | 22.8 | 27.8 | 37.7 | 50  | 0.05 | 27.4 | 14.4 |
| BRW144042 | Soil | 599330     | 7006226    | 07V      | 4.6  | 33.6 | 12.3 | 125 | 0.05 | 28   | 11.7 |
| BRW144043 | Soil | 599349     | 7006241    | 07V      | 6    | 68.2 | 50.8 | 158 | 0.1  | 57.9 | 21.4 |
| BRW144048 | Soil | 599209     | 7006260    | 07V      | 1    | 20.7 | 8.4  | 45  | 0.05 | 16.3 | 8    |
| BRW144049 | Soil | 599230     | 7006276    | 07V      | 0.9  | 33.1 | 9.5  | 51  | 0.05 | 23.6 | 10.2 |
| BRW144050 | Soil | 599247     | 7006292    | 07V      | 2.5  | 21.7 | 8.1  | 36  | 0.05 | 16.5 | 9    |
| BRW144052 | Soil | 599287     | 7006322    | 07V      | 1.6  | 37.4 | 38   | 215 | 0.05 | 20.9 | 10.3 |
| BRW144053 | Soil | 599308     | 7006337    | 07V      | 1.5  | 43.9 | 19.3 | 118 | 0.05 | 43   | 14.1 |
| BRW144053 | REP  | 599308     | 7006337    | 07V      | 1.7  | 45   | 19.8 | 115 | 0.05 | 42.2 | 14.1 |
| BRW144054 | Soil | 599327     | 7006354    | 07V      | 1.7  | 42.9 | 16.1 | 57  | 0.05 | 24.7 | 9.5  |
| BRW144179 | Soil | 596775     | 7006897    | 07V      | 3.6  | 62.9 | 21.6 | 69  | 0.05 | 16.7 | 1.8  |
| BRW144181 | Soil | 596737     | 7006867    | 07V      | 10   | 26.7 | 33.5 | 52  | 0.2  | 22.4 | 8.5  |
| BRW144185 | Soil | 596653     | 7006804    | 07V      | 1.5  | 18.9 | 8.2  | 65  | 0.05 | 17.1 | 12.3 |
| BRW144265 | Soil | 597080     | 7006754    | 07V      | 9.2  | 38.8 | 13.3 | 61  | 0.2  | 19.6 | 5.2  |
| BRW144339 | Soil | 597326     | 7006440    | 07V      | 1    | 69.2 | 8.1  | 165 | 0.05 | 15.2 | 10.5 |
| BRW144341 | Soil | 597365     | 7006470    | 07V      | 3.6  | 47   | 13.6 | 66  | 0.05 | 40.9 | 15.5 |
| BRW144518 | Soil | 597798     | 7007252    | 07V      | 1.2  | 35.6 | 16.7 | 72  | 0.1  | 46.2 | 13.9 |
| BRW144641 | Soil | 597084     | 7006504    | 07V      | 0.8  | 57.3 | 9.7  | 79  | 0.05 | 55.3 | 16.9 |

| SampleID  | Mn   | Fe   | As   | U   | Au   | Th   | Sr | Cd   | Sb  | Bi   | V   | Ca   | P     | La | Cr | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|----|------|-----|------|-----|------|-------|----|----|------|-----|
| BRW139356 | 646  | 3.03 | 10.4 | 1.8 | 3.3  | 7.8  | 23 | 0.2  | 1.3 | 0.2  | 50  | 0.45 | 0.066 | 26 | 44 | 0.66 | 281 |
| BRW139357 | 388  | 2.85 | 8.8  | 1.2 | 4.3  | 5.2  | 23 | 0.2  | 0.7 | 0.2  | 52  | 0.71 | 0.067 | 18 | 34 | 0.63 | 339 |
| BRW139357 | 371  | 2.67 | 8.6  | 1.1 | 3.1  | 5    | 22 | 0.2  | 0.6 | 0.2  | 52  | 0.69 | 0.065 | 18 | 34 | 0.61 | 331 |
| BRW139358 | 521  | 2.95 | 13   | 1.3 | 3.2  | 6.3  | 23 | 0.1  | 1.1 | 0.1  | 55  | 0.55 | 0.051 | 20 | 46 | 0.55 | 484 |
| BRW139360 | 337  | 2.66 | 19.7 | 1.1 | 1.9  | 5.2  | 23 | 0.05 | 0.9 | 0.2  | 57  | 0.22 | 0.03  | 15 | 37 | 0.44 | 310 |
| BRW139362 | 460  | 4.96 | 8.4  | 0.7 | 0.9  | 10.3 | 10 | 0.05 | 0.2 | 0.05 | 84  | 0.17 | 0.053 | 13 | 59 | 1.15 | 253 |
| BRW139363 | 447  | 4.85 | 8.9  | 0.6 | 6.1  | 9.8  | 11 | 0.05 | 0.2 | 0.1  | 82  | 0.19 | 0.055 | 12 | 58 | 1.12 | 241 |
| BRW139364 | 318  | 3.43 | 17.6 | 1   | 1.9  | 12.3 | 24 | 0.05 | 0.3 | 0.1  | 59  | 0.23 | 0.036 | 30 | 46 | 0.56 | 264 |
| BRW139364 | 317  | 3.37 | 17.3 | 1   | 1.9  | 12   | 23 | 0.05 | 0.3 | 0.1  | 58  | 0.23 | 0.034 | 29 | 44 | 0.54 | 257 |
| BRW139365 | 296  | 3.67 | 15.3 | 0.7 | 1.7  | 6.2  | 19 | 0.05 | 0.5 | 0.05 | 75  | 0.21 | 0.028 | 17 | 54 | 0.61 | 210 |
| BRW139366 | 281  | 3.01 | 16   | 0.9 | 6.5  | 9    | 22 | 0.05 | 0.5 | 0.1  | 62  | 0.28 | 0.042 | 29 | 45 | 0.71 | 235 |
| BRW139366 | 277  | 3.01 | 16.4 | 0.9 | 2.8  | 8.8  | 22 | 0.05 | 0.5 | 0.1  | 60  | 0.28 | 0.042 | 28 | 45 | 0.7  | 231 |
| BRW139402 | 322  | 3.09 | 21   | 1.8 | 2.8  | 6.2  | 26 | 0.2  | 1   | 0.2  | 52  | 0.42 | 0.071 | 16 | 30 | 0.69 | 228 |
| BRW139403 | 1149 | 2.96 | 22.2 | 1.9 | 1.6  | 3    | 36 | 0.1  | 1.1 | 0.2  | 39  | 1.15 | 0.08  | 18 | 25 | 0.51 | 356 |
| BRW139404 | 668  | 2.61 | 27.7 | 2.4 | 4    | 2.2  | 42 | 0.3  | 1.3 | 0.1  | 30  | 1.56 | 0.091 | 18 | 28 | 0.4  | 422 |
| BRW139404 | 691  | 2.64 | 26.9 | 2.4 | 2.9  | 2.3  | 50 | 0.3  | 1.4 | 0.2  | 31  | 1.8  | 0.081 | 19 | 31 | 0.41 | 468 |
| BRW139405 | 427  | 2.61 | 9.3  | 0.7 | 5.7  | 3.8  | 55 | 0.5  | 0.8 | 0.2  | 60  | 1.33 | 0.082 | 13 | 30 | 0.78 | 288 |
| BRW139406 | 293  | 2.91 | 14.2 | 0.9 | 2.3  | 3.3  | 39 | 0.1  | 0.7 | 0.2  | 63  | 0.67 | 0.061 | 15 | 33 | 0.63 | 282 |
| BRW139407 | 259  | 2.48 | 9.2  | 0.8 | 3.6  | 3.7  | 38 | 0.5  | 0.8 | 0.2  | 59  | 0.99 | 0.069 | 14 | 30 | 0.76 | 339 |
| BRW139409 | 836  | 2.84 | 20.2 | 2.1 | 8    | 2.5  | 38 | 0.2  | 1   | 0.2  | 49  | 1.08 | 0.058 | 12 | 33 | 0.38 | 544 |
| BRW139410 | 487  | 1.64 | 5.8  | 1   | 2.9  | 1.6  | 51 | 0.3  | 0.6 | 0.1  | 31  | 1.95 | 0.062 | 8  | 23 | 0.46 | 486 |
| BRW139415 | 736  | 2.05 | 15.3 | 1   | 1.4  | 2.5  | 58 | 0.3  | 0.9 | 0.05 | 34  | 1.52 | 0.066 | 14 | 28 | 0.55 | 355 |
| BRW139415 | 744  | 2.06 | 15.5 | 1   | 2.1  | 2.5  | 57 | 0.3  | 0.9 | 0.05 | 34  | 1.51 | 0.063 | 14 | 29 | 0.52 | 353 |
| BRW139417 | 920  | 2.32 | 9.3  | 1.4 | 2.8  | 3.8  | 42 | 0.2  | 0.9 | 0.1  | 41  | 1.44 | 0.063 | 20 | 39 | 0.68 | 302 |
| BRW139419 | 599  | 3.01 | 8    | 2   | 1.3  | 4.3  | 54 | 0.05 | 0.4 | 0.1  | 60  | 1.97 | 0.055 | 17 | 44 | 0.9  | 282 |
| BRW139420 | 500  | 2.31 | 8.8  | 2.1 | 3.2  | 2.9  | 38 | 0.3  | 0.7 | 0.2  | 43  | 1.3  | 0.064 | 15 | 28 | 0.48 | 386 |
| BRW139423 | 344  | 3.44 | 52.5 | 1.9 | 3.7  | 5.7  | 32 | 0.3  | 2.5 | 0.2  | 64  | 0.41 | 0.029 | 16 | 36 | 0.4  | 408 |
| BRW139424 | 953  | 3.51 | 48.1 | 1.9 | 4.1  | 2.6  | 28 | 0.2  | 5.9 | 0.2  | 49  | 0.56 | 0.057 | 10 | 38 | 0.56 | 240 |
| BRW139425 | 413  | 3.09 | 19.5 | 1.9 | 8.6  | 5.5  | 57 | 0.4  | 1.5 | 0.2  | 59  | 0.95 | 0.035 | 20 | 34 | 0.74 | 317 |
| BRW139426 | 1034 | 2.73 | 10.3 | 0.7 | 2.1  | 4.2  | 36 | 0.2  | 0.7 | 0.2  | 64  | 0.64 | 0.032 | 16 | 32 | 0.49 | 348 |
| BRW139426 | 998  | 2.84 | 10.4 | 0.7 | 2.2  | 4.4  | 35 | 0.1  | 0.7 | 0.2  | 65  | 0.62 | 0.033 | 15 | 32 | 0.52 | 351 |
| BRW139427 | 552  | 2.93 | 49.3 | 1.1 | 5.1  | 4.1  | 52 | 0.1  | 2.2 | 0.2  | 61  | 1.9  | 0.04  | 19 | 39 | 0.61 | 273 |
| BRW139428 | 354  | 4    | 41.2 | 1.1 | 9.1  | 7.8  | 25 | 0.1  | 2   | 0.2  | 57  | 0.34 | 0.036 | 22 | 43 | 0.45 | 277 |
| BRW139429 | 363  | 3.36 | 48.4 | 1.3 | 11.1 | 7.1  | 23 | 0.05 | 2.5 | 0.2  | 64  | 0.2  | 0.02  | 20 | 43 | 0.52 | 345 |
| BRW139430 | 417  | 4.6  | 12.3 | 0.7 | 0.25 | 3.5  | 19 | 0.05 | 0.2 | 0.1  | 106 | 0.39 | 0.072 | 18 | 43 | 1.17 | 482 |
| BRW139431 | 986  | 3.41 | 24   | 1.1 | 3.1  | 5.5  | 25 | 0.1  | 2.6 | 0.2  | 54  | 0.36 | 0.048 | 17 | 37 | 0.39 | 529 |
| BRW139432 | 395  | 3.03 | 14.6 | 0.7 | 4.4  | 5.6  | 34 | 0.1  | 1   | 0.2  | 66  | 0.51 | 0.022 | 15 | 39 | 0.53 | 450 |
| BRW139697 | 576  | 2.71 | 11.8 | 0.5 | 1.1  | 3.1  | 23 | 0.1  | 0.6 | 0.2  | 46  | 0.34 | 0.022 | 9  | 69 | 0.48 | 279 |
| BRW139698 | 355  | 2.85 | 15.1 | 1   | 4.8  | 4.3  | 65 | 0.1  | 0.9 | 0.2  | 63  | 2.27 | 0.032 | 17 | 54 | 0.71 | 242 |
| BRW139700 | 1095 | 2.63 | 10.8 | 1.1 | 2.5  | 3.5  | 29 | 0.1  | 0.9 | 0.1  | 48  | 1.13 | 0.09  | 14 | 35 | 0.54 | 422 |
| BRW140243 | 879  | 4.97 | 11.1 | 1.9 | 4.8  | 6    | 21 | 0.05 | 1.8 | 0.2  | 41  | 0.47 | 0.063 | 20 | 22 | 0.45 | 302 |
| BRW140249 | 389  | 2.86 | 8.6  | 1.4 | 7.5  | 4    | 32 | 0.2  | 0.8 | 0.2  | 50  | 0.87 | 0.066 | 16 | 35 | 0.57 | 351 |
| BRW140250 | 416  | 4.06 | 10   | 2.2 | 0.6  | 13.2 | 21 | 0.2  | 0.5 | 0.3  | 58  | 0.32 | 0.052 | 20 | 34 | 0.45 | 266 |
| BRW140251 | 351  | 2.73 | 5.9  | 1   | 0.7  | 6.3  | 23 | 0.05 | 0.6 | 0.2  | 52  | 0.33 | 0.033 | 17 | 29 | 0.4  | 383 |
| BRW144037 | 289  | 2.85 | 10.8 | 1   | 3.5  | 4.5  | 26 | 0.05 | 0.9 | 0.2  | 58  | 0.27 | 0.014 | 19 | 35 | 0.42 | 340 |
| BRW144039 | 239  | 3.12 | 18.6 | 1.3 | 34.8 | 6    | 19 | 0.05 | 2.1 | 0.3  | 36  | 0.11 | 0.022 | 19 | 33 | 0.21 | 177 |
| BRW144042 | 654  | 4.76 | 8.9  | 1.9 | 7.3  | 8.1  | 15 | 0.2  | 1.2 | 0.2  | 31  | 0.14 | 0.03  | 17 | 15 | 0.33 | 240 |
| BRW144043 | 1546 | 4.91 | 14.5 | 2.1 | 60.9 | 8    | 21 | 0.3  | 5.7 | 0.3  | 58  | 0.17 | 0.032 | 19 | 46 | 0.32 | 333 |
| BRW144048 | 210  | 2.13 | 6.6  | 0.8 | 3.2  | 4.5  | 22 | 0.05 | 0.5 | 0.1  | 51  | 0.25 | 0.022 | 14 | 28 | 0.4  | 207 |
| BRW144049 | 272  | 2.71 | 8.6  | 1.5 | 2.4  | 4.7  | 29 | 0.05 | 0.7 | 0.2  | 59  | 0.34 | 0.025 | 17 | 35 | 0.47 | 326 |
| BRW144050 | 232  | 2.26 | 6.9  | 1.1 | 4.4  | 4.6  | 20 | 0.05 | 0.7 | 0.1  | 44  | 0.2  | 0.012 | 14 | 26 | 0.33 | 236 |
| BRW144052 | 516  | 3.96 | 6.7  | 2.4 | 5.5  | 6.9  | 22 | 0.2  | 1.3 | 0.3  | 56  | 0.24 | 0.026 | 19 | 42 | 0.88 | 293 |
| BRW144053 | 587  | 3.95 | 11.2 | 3.2 | 7.7  | 7.2  | 30 | 0.2  | 1   | 0.5  | 72  | 0.3  | 0.027 | 16 | 62 | 0.68 | 304 |
| BRW144053 | 611  | 3.96 | 11.4 | 3.5 | 7.5  | 7    | 31 | 0.1  | 1.1 | 0.5  | 72  | 0.3  | 0.028 | 17 | 61 | 0.68 | 320 |
| BRW144054 | 295  | 2.52 | 10.9 | 1.9 | 8.8  | 6.9  | 27 | 0.05 | 0.9 | 0.2  | 56  | 0.2  | 0.02  | 18 | 28 | 0.34 | 218 |
| BRW144179 | 42   | 3.18 | 44.4 | 1.8 | 4.9  | 4.4  | 19 | 0.05 | 1.6 | 0.2  | 41  | 0.05 | 0.046 | 7  | 19 | 0.05 | 92  |
| BRW144181 | 243  | 3.11 | 17.8 | 0.8 | 38.6 | 3.5  | 17 | 0.05 | 2.1 | 0.2  | 69  | 0.11 | 0.028 | 11 | 36 | 0.46 | 307 |
| BRW144185 | 559  | 3.62 | 5.4  | 0.8 | 2.4  | 5.4  | 19 | 0.05 | 0.6 | 0.1  | 48  | 0.44 | 0.08  | 13 | 22 | 0.4  | 154 |
| BRW144265 | 150  | 2.5  | 17.3 | 1.6 | 6.7  | 5    | 16 | 0.2  | 1.4 | 0.2  | 52  | 0.1  | 0.029 | 15 | 27 | 0.3  | 213 |
| BRW144339 | 930  | 6.44 | 6.2  | 0.8 | 2.1  | 8.1  | 14 | 0.05 | 1.1 | 0.05 | 40  | 0.23 | 0.035 | 27 | 17 | 1.03 | 555 |
| BRW144341 | 458  | 3.27 | 25   | 2.1 | 25.6 | 7.4  | 33 | 0.05 | 3.3 | 0.2  | 53  | 0.19 | 0.053 | 21 | 34 | 0.32 | 322 |
| BRW144518 | 736  | 3    | 12.9 | 1   | 22   | 3.8  | 30 | 0.2  | 0.8 | 0.2  | 62  | 2.74 | 0.057 | 15 | 46 | 0.42 | 290 |
| BRW144641 | 440  | 4.01 | 5.9  | 0.9 | 0.25 | 17.6 | 18 | 0.05 | 0.2 | 0.05 | 58  | 0.28 | 0.041 | 20 | 76 | 1.35 | 318 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW139356 | 0.089 | 2   | 1.51 | 0.013 | 0.24 | 0.1  | 0.04  | 5.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139357 | 0.092 | 2   | 1.49 | 0.019 | 0.22 | 0.2  | 0.04  | 4.9  | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000466 |
| BRW139357 | 0.091 | 2   | 1.47 | 0.019 | 0.21 | 0.2  | 0.05  | 4.8  | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000466 |
| BRW139358 | 0.074 | 2   | 1.54 | 0.015 | 0.11 | 0.1  | 0.04  | 5.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139360 | 0.072 | 0.5 | 1.49 | 0.012 | 0.08 | 0.1  | 0.04  | 3.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139362 | 0.23  | 0.5 | 2.66 | 0.009 | 1.09 | 0.05 | 0.005 | 5.8  | 0.7  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000466 |
| BRW139363 | 0.226 | 0.5 | 2.67 | 0.009 | 1.01 | 0.05 | 0.005 | 5.8  | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000466 |
| BRW139364 | 0.101 | 0.5 | 1.46 | 0.014 | 0.29 | 0.05 | 0.005 | 3.8  | 0.4  | 0.06  | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139364 | 0.095 | 0.5 | 1.43 | 0.016 | 0.28 | 0.05 | 0.01  | 3.6  | 0.3  | 0.05  | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139365 | 0.124 | 1   | 1.6  | 0.012 | 0.38 | 0.05 | 0.02  | 4.1  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139366 | 0.106 | 2   | 1.49 | 0.015 | 0.25 | 0.05 | 0.03  | 5.1  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139366 | 0.109 | 1   | 1.47 | 0.014 | 0.26 | 0.2  | 0.03  | 5.3  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139402 | 0.062 | 3   | 1.23 | 0.017 | 0.18 | 0.1  | 0.13  | 4.4  | 0.2  | 0.08  | 4  | 0.5  | 1DX15  | WHI10000466 |
| BRW139403 | 0.027 | 3   | 0.97 | 0.011 | 0.19 | 0.05 | 0.12  | 5    | 0.3  | 0.025 | 3  | 1.2  | 1DX15  | WHI10000466 |
| BRW139404 | 0.023 | 4   | 0.66 | 0.015 | 0.15 | 0.05 | 0.13  | 4.3  | 0.2  | 0.13  | 2  | 1.6  | 1DX15  | WHI10000466 |
| BRW139404 | 0.028 | 4   | 0.68 | 0.013 | 0.18 | 0.05 | 0.13  | 4.8  | 0.2  | 0.1   | 2  | 1.6  | 1DX15  | WHI10000466 |
| BRW139405 | 0.095 | 3   | 1.33 | 0.034 | 0.11 | 0.2  | 0.03  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139406 | 0.09  | 3   | 1.56 | 0.03  | 0.06 | 0.2  | 0.04  | 4    | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000466 |
| BRW139407 | 0.099 | 4   | 1.42 | 0.033 | 0.12 | 0.2  | 0.04  | 4.3  | 0.1  | 0.025 | 5  | 1.1  | 1DX15  | WHI10000466 |
| BRW139409 | 0.032 | 3   | 1.29 | 0.016 | 0.08 | 0.1  | 0.14  | 5.4  | 0.1  | 0.06  | 4  | 1.1  | 1DX15  | WHI10000466 |
| BRW139410 | 0.038 | 6   | 0.82 | 0.017 | 0.07 | 0.05 | 0.09  | 3.5  | 0.1  | 0.12  | 2  | 0.9  | 1DX15  | WHI10000466 |
| BRW139415 | 0.055 | 0.5 | 1.09 | 0.016 | 0.11 | 0.1  | 0.09  | 3.4  | 0.1  | 0.07  | 3  | 0.8  | 1DX15  | WHI10000466 |
| BRW139415 | 0.054 | 0.5 | 1.07 | 0.02  | 0.12 | 0.1  | 0.09  | 3.5  | 0.1  | 0.08  | 3  | 0.9  | 1DX15  | WHI10000466 |
| BRW139417 | 0.084 | 3   | 1.33 | 0.021 | 0.21 | 0.1  | 0.07  | 4.1  | 0.2  | 0.07  | 4  | 0.8  | 1DX15  | WHI10000466 |
| BRW139419 | 0.116 | 2   | 1.71 | 0.021 | 0.3  | 0.1  | 0.05  | 5.2  | 0.2  | 0.08  | 6  | 0.8  | 1DX15  | WHI10000466 |
| BRW139420 | 0.054 | 3   | 1.12 | 0.019 | 0.12 | 0.2  | 0.08  | 4.3  | 0.05 | 0.11  | 4  | 0.5  | 1DX15  | WHI10000466 |
| BRW139423 | 0.028 | 2   | 1.22 | 0.011 | 0.1  | 0.2  | 0.07  | 4.4  | 0.05 | 0.025 | 4  | 1    | 1DX15  | WHI10000466 |
| BRW139424 | 0.036 | 3   | 1.5  | 0.012 | 0.13 | 0.2  | 0.05  | 5.5  | 0.4  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000466 |
| BRW139425 | 0.077 | 2   | 1.42 | 0.015 | 0.19 | 0.1  | 0.04  | 4.5  | 0.2  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000466 |
| BRW139426 | 0.072 | 3   | 1.71 | 0.041 | 0.1  | 0.1  | 0.03  | 4.4  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139426 | 0.069 | 2   | 1.61 | 0.04  | 0.1  | 0.2  | 0.03  | 4.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139427 | 0.071 | 3   | 1.5  | 0.023 | 0.08 | 0.2  | 0.06  | 5    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW139428 | 0.04  | 2   | 1.5  | 0.013 | 0.19 | 0.05 | 0.08  | 5.5  | 0.1  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000466 |
| BRW139429 | 0.065 | 1   | 1.47 | 0.011 | 0.09 | 0.2  | 0.09  | 6.3  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139430 | 0.191 | 0.5 | 2.89 | 0.017 | 0.79 | 0.05 | 0.01  | 8.7  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000466 |
| BRW139431 | 0.044 | 3   | 1.44 | 0.012 | 0.17 | 0.1  | 0.04  | 5.5  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000466 |
| BRW139432 | 0.091 | 3   | 1.87 | 0.021 | 0.16 | 0.2  | 0.04  | 5.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW139697 | 0.042 | 0.5 | 1.24 | 0.009 | 0.08 | 0.1  | 0.02  | 4.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139698 | 0.079 | 2   | 1.56 | 0.022 | 0.09 | 0.1  | 0.07  | 5.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW139700 | 0.056 | 1   | 1.14 | 0.017 | 0.16 | 0.2  | 0.07  | 4.9  | 0.1  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000466 |
| BRW140243 | 0.09  | 5   | 1.4  | 0.013 | 0.36 | 0.1  | 0.09  | 12.5 | 0.2  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000466 |
| BRW140249 | 0.068 | 4   | 1.28 | 0.017 | 0.26 | 0.2  | 0.12  | 7.2  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW140250 | 0.08  | 2   | 1.47 | 0.009 | 0.43 | 0.05 | 0.02  | 4.5  | 0.3  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000466 |
| BRW140251 | 0.07  | 2   | 1.41 | 0.011 | 0.21 | 0.05 | 0.02  | 3.5  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW144037 | 0.074 | 3   | 1.66 | 0.01  | 0.05 | 0.05 | 0.05  | 6.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW144039 | 0.015 | 2   | 1.02 | 0.004 | 0.06 | 0.05 | 0.08  | 4.5  | 0.2  | 0.025 | 3  | 0.5  | 1DX15  | WHI10000466 |
| BRW144042 | 0.071 | 4   | 1.21 | 0.006 | 0.49 | 0.05 | 0.25  | 12.5 | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW144043 | 0.024 | 2   | 0.99 | 0.007 | 0.25 | 0.05 | 2.09  | 13.5 | 0.2  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000466 |
| BRW144048 | 0.09  | 0.5 | 1.4  | 0.018 | 0.05 | 0.05 | 0.02  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW144049 | 0.091 | 2   | 1.79 | 0.02  | 0.06 | 0.05 | 0.04  | 5.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW144050 | 0.067 | 1   | 1.18 | 0.016 | 0.06 | 0.2  | 0.04  | 4.7  | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000466 |
| BRW144052 | 0.137 | 2   | 2.04 | 0.01  | 0.77 | 0.1  | 0.2   | 10.6 | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000466 |
| BRW144053 | 0.07  | 2   | 1.84 | 0.01  | 0.47 | 0.05 | 0.24  | 12.6 | 0.3  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000466 |
| BRW144053 | 0.071 | 2   | 1.84 | 0.013 | 0.47 | 0.05 | 0.24  | 12.5 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW144054 | 0.09  | 1   | 1.28 | 0.015 | 0.16 | 0.1  | 0.12  | 5.9  | 0.2  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000466 |
| BRW144179 | 0.003 | 2   | 0.42 | 0.002 | 0.05 | 0.05 | 0.09  | 5.1  | 0.05 | 0.025 | 2  | 2.3  | 1DX15  | WHI10000466 |
| BRW144181 | 0.065 | 2   | 2.08 | 0.007 | 0.06 | 0.1  | 0.04  | 2.7  | 0.05 | 0.025 | 6  | 1.1  | 1DX15  | WHI10000466 |
| BRW144185 | 0.037 | 3   | 1.27 | 0.012 | 0.17 | 0.1  | 0.01  | 7.2  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW144265 | 0.046 | 0.5 | 1.01 | 0.009 | 0.04 | 0.05 | 0.03  | 3.6  | 0.05 | 0.025 | 3  | 1.5  | 1DX15  | WHI10000466 |
| BRW144339 | 0.314 | 2   | 2.67 | 0.012 | 1.75 | 0.1  | 0.02  | 20.9 | 0.5  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000466 |
| BRW144341 | 0.037 | 2   | 1.18 | 0.01  | 0.16 | 0.1  | 0.07  | 9.5  | 0.1  | 0.025 | 4  | 0.9  | 1DX15  | WHI10000466 |
| BRW144518 | 0.059 | 1   | 1.84 | 0.018 | 0.05 | 0.1  | 0.2   | 6    | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW144641 | 0.199 | 0.5 | 2.66 | 0.013 | 1.26 | 0.05 | 0.01  | 5.5  | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000466 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|-------|------|-----|------|-------|------|
| BRW144643 | Soil | 597002     | 7006568    | 07V      | 3.7 | 45.3  | 19.3 | 75  | 0.1  | 37.9  | 11.4 |
| BRW144888 | Soil | 596962     | 7007106    | 07V      | 0.7 | 24.5  | 10.4 | 55  | 0.05 | 19.2  | 9    |
| BRW144889 | Soil | 596923     | 7007074    | 07V      | 0.7 | 14.6  | 14.8 | 60  | 0.05 | 14.1  | 7.7  |
| BRW144891 | Soil | 596844     | 7007013    | 07V      | 0.3 | 28.5  | 6.2  | 86  | 0.05 | 10.9  | 7.1  |
| BRW144892 | Soil | 596804     | 7006982    | 07V      | 2.3 | 59.2  | 10.1 | 119 | 0.05 | 39.2  | 18.3 |
| BRW144893 | Soil | 596764     | 7006952    | 07V      | 1.7 | 101.6 | 13.9 | 102 | 0.05 | 33.2  | 12.4 |
| BRW144897 | Soil | 596607     | 7006828    | 07V      | 1.3 | 23.2  | 9    | 83  | 0.05 | 37.5  | 13.9 |
| BRW144900 | Soil | 596487     | 7006737    | 07V      | 1.2 | 44.9  | 9.5  | 90  | 0.05 | 24.7  | 11.7 |
| BRW144905 | Soil | 596292     | 7006584    | 07V      | 1.5 | 48.5  | 9.7  | 114 | 0.05 | 57.3  | 15.7 |
| BRW144910 | Soil | 596095     | 7006431    | 07V      | 0.8 | 35.7  | 11.7 | 68  | 0.05 | 43.7  | 15.6 |
| BRW144989 | Soil | 599714     | 7006021    | 07V      | 2.2 | 50.2  | 21.8 | 129 | 0.1  | 43.2  | 15.7 |
| BRW144990 | Soil | 599695     | 7006005    | 07V      | 1.4 | 48.5  | 24.5 | 80  | 0.2  | 34.1  | 11.4 |
| BRW144991 | Soil | 599674     | 7005990    | 07V      | 5.6 | 45.9  | 17.4 | 82  | 0.2  | 69.2  | 24.3 |
| BRW144992 | Soil | 599655     | 7005975    | 07V      | 3.7 | 99.2  | 16.3 | 106 | 0.1  | 44.2  | 18.9 |
| BRW144993 | Soil | 599636     | 7005960    | 07V      | 1.3 | 60.3  | 10.7 | 70  | 0.2  | 29.7  | 12.4 |
| BRW144994 | Soil | 599616     | 7005944    | 07V      | 3.5 | 88.8  | 24.8 | 115 | 0.2  | 41.3  | 14.7 |
| BRW144995 | Soil | 599616     | 7005944    | 07V      | 3.5 | 79.8  | 24.5 | 100 | 0.2  | 36.3  | 12.8 |
| BRW144996 | Soil | 599595     | 7005929    | 07V      | 1.9 | 48.3  | 12.4 | 74  | 0.1  | 30.9  | 12.5 |
| BRW144998 | Soil | 599556     | 7005899    | 07V      | 0.7 | 36.2  | 12.2 | 65  | 0.1  | 27.5  | 13.2 |
| BRW144999 | Soil | 599538     | 7005883    | 07V      | 0.7 | 51.4  | 28.9 | 64  | 0.2  | 30.1  | 11.9 |
| BRW145000 | Soil | 599474     | 7005961    | 07V      | 1.5 | 16.1  | 9.9  | 62  | 0.05 | 16.4  | 7.2  |
| BRW145018 | Soil | 598206     | 7006809    | 07V      | 2.2 | 41.3  | 16   | 60  | 0.1  | 41.4  | 17   |
| BRW145019 | Soil | 598248     | 7006839    | 07V      | 0.9 | 38.8  | 11.8 | 68  | 0.05 | 40.4  | 13.6 |
| BRW90038  | Soil | 597567     | 7006817    | 07V      | 0.9 | 25.3  | 11.4 | 61  | 0.1  | 22.5  | 10.6 |
| BRW113810 | Soil | 599504     | 7006046    | 07V      | 2.4 | 18.1  | 10.9 | 75  | 0.05 | 19    | 11   |
| BRW113811 | Soil | 599544     | 7006076    | 07V      | 3.4 | 51.3  | 34.9 | 85  | 0.2  | 38.7  | 12.3 |
| BRW113846 | Soil | 599346     | 7005921    | 07V      | 1.6 | 20.3  | 8.9  | 42  | 0.05 | 23.7  | 11   |
| BRW113847 | Soil | 599385     | 7005953    | 07V      | 0.8 | 18.8  | 8.4  | 46  | 0.05 | 23.2  | 7.6  |
| BRW113848 | Soil | 599424     | 7005984    | 07V      | 1.1 | 28.6  | 12.5 | 57  | 0.05 | 34.5  | 11.2 |
| BRW113849 | Soil | 599465     | 7006013    | 07V      | 1.7 | 34.5  | 18.7 | 58  | 0.2  | 30.7  | 9.7  |
| BRW115536 | Soil | 599307     | 7005890    | 07V      | 1.5 | 72.2  | 10   | 53  | 0.05 | 49.9  | 15.7 |
| BRW116962 | Soil | 597607     | 7005266    | 07V      | 2.5 | 34.6  | 9.6  | 72  | 0.1  | 33.8  | 12.5 |
| BRW116970 | Soil | 597503     | 7005315    | 07V      | 0.7 | 23.9  | 7    | 56  | 0.05 | 36.9  | 11   |
| BRW116971 | Soil | 597524     | 7005332    | 07V      | 1   | 23.1  | 7.4  | 56  | 0.1  | 30    | 11.2 |
| BRW117729 | Soil | 598102     | 7007110    | 07V      | 0.6 | 39    | 7.7  | 53  | 0.05 | 31.5  | 10.3 |
| BRW117730 | Soil | 598064     | 7007079    | 07V      | 0.6 | 25.8  | 7.7  | 52  | 0.1  | 25.3  | 9    |
| BRW117731 | Soil | 598023     | 7007048    | 07V      | 0.8 | 34.9  | 10.9 | 70  | 0.1  | 32.3  | 12   |
| BRW117732 | Soil | 597985     | 7007018    | 07V      | 1.2 | 19.2  | 10   | 67  | 0.05 | 30.4  | 9.3  |
| BRW117733 | Soil | 597945     | 7006987    | 07V      | 1.3 | 45.5  | 15.1 | 87  | 0.1  | 52.5  | 20.2 |
| BRW117734 | Soil | 597905     | 7006955    | 07V      | 1.5 | 27.1  | 15   | 64  | 0.1  | 29.9  | 12.8 |
| BRW117734 | REP  | 597905     | 7006955    | 07V      | 1.7 | 28.8  | 15.4 | 67  | 0.1  | 32    | 13.8 |
| BRW117735 | Soil | 597866     | 7006924    | 07V      | 1   | 50.1  | 11.6 | 87  | 0.2  | 45.2  | 12.7 |
| BRW117736 | Soil | 597827     | 7006893    | 07V      | 0.6 | 29.1  | 7.9  | 52  | 0.1  | 30.6  | 7.2  |
| BRW117740 | Soil | 597669     | 7006774    | 07V      | 6   | 86.6  | 97   | 175 | 0.3  | 56.9  | 14.9 |
| BRW117741 | Soil | 597630     | 7006741    | 07V      | 0.8 | 33    | 4.1  | 113 | 0.1  | 76.4  | 39.6 |
| BRW117744 | Soil | 597511     | 7006647    | 07V      | 2.6 | 68.9  | 10.8 | 131 | 0.05 | 38.1  | 7.5  |
| BRW117745 | Soil | 597451     | 7006726    | 07V      | 1.5 | 21.6  | 12.2 | 64  | 0.05 | 21.4  | 11.9 |
| BRW121709 | Soil | 597222     | 7006610    | 07V      | 2.5 | 19.4  | 10.7 | 63  | 0.1  | 27.6  | 13.1 |
| BRW121713 | Soil | 597142     | 7006550    | 07V      | 3.8 | 42.4  | 9.6  | 63  | 0.05 | 46.3  | 11.7 |
| BRW121713 | REP  | 597142     | 7006550    | 07V      | 3.5 | 42.6  | 10.6 | 63  | 0.05 | 47.3  | 11.3 |
| BRW121718 | Soil | 597099     | 7006769    | 07V      | 9.3 | 41.8  | 11.5 | 72  | 0.1  | 24.9  | 3.5  |
| BRW121718 | REP  | 597099     | 7006769    | 07V      | 9.1 | 42.9  | 11.4 | 74  | 0.1  | 24.8  | 3.5  |
| BRW121719 | Soil | 597099     | 7006769    | 07V      | 9.3 | 38.1  | 11   | 65  | 0.1  | 23.3  | 3.3  |
| BRW121721 | Soil | 596842     | 7006569    | 07V      | 0.5 | 42.6  | 4.9  | 129 | 0.05 | 18.1  | 9.9  |
| BRW121722 | Soil | 596862     | 7006584    | 07V      | 1.2 | 22.4  | 7.9  | 114 | 0.05 | 16.4  | 8.2  |
| BRW121724 | Soil | 596901     | 7006615    | 07V      | 0.7 | 59.7  | 6.4  | 153 | 0.05 | 11.1  | 13.3 |
| BRW121727 | Soil | 596942     | 7006647    | 07V      | 0.8 | 55.3  | 11.5 | 96  | 0.05 | 118.4 | 17.7 |
| BRW121729 | Soil | 596979     | 7006676    | 07V      | 1.9 | 58.8  | 18.6 | 184 | 0.2  | 66.3  | 11.5 |
| BRW121731 | Soil | 597020     | 7006708    | 07V      | 1.2 | 19.5  | 10.4 | 84  | 0.1  | 47.2  | 8.6  |
| BRW128610 | Soil | 598564     | 7007086    | 07V      | 0.8 | 31.2  | 11.3 | 54  | 0.1  | 27.2  | 8.5  |
| BRW128611 | Soil | 598602     | 7007117    | 07V      | 1.3 | 52.2  | 13.5 | 65  | 0.2  | 49.5  | 12.5 |
| BRW128612 | Soil | 598602     | 7007117    | 07V      | 1.2 | 52.9  | 13.5 | 62  | 0.1  | 45.5  | 11.8 |
| BRW128613 | Soil | 598642     | 7007149    | 07V      | 0.7 | 33.1  | 12.1 | 50  | 0.2  | 25.5  | 7    |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb  | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|-----|------|-----|------|-----|------|-------|----|-----|------|-----|
| BRW144643 | 698  | 2.98 | 24.2 | 1.8 | 6.6  | 8.3  | 30  | 0.2  | 3.4 | 0.2  | 41  | 0.32 | 0.057 | 23 | 31  | 0.35 | 681 |
| BRW144888 | 265  | 2.96 | 9.2  | 1.8 | 3.5  | 7.4  | 19  | 0.05 | 0.5 | 0.2  | 55  | 0.19 | 0.016 | 25 | 32  | 0.51 | 314 |
| BRW144889 | 240  | 3.09 | 7.3  | 0.9 | 2.3  | 5.4  | 18  | 0.05 | 0.4 | 0.2  | 61  | 0.2  | 0.015 | 19 | 29  | 0.52 | 294 |
| BRW144891 | 374  | 4.1  | 3.9  | 1.8 | 4    | 10.8 | 26  | 0.05 | 0.5 | 0.2  | 38  | 0.35 | 0.035 | 38 | 16  | 0.47 | 354 |
| BRW144892 | 871  | 5.1  | 19.9 | 2.9 | 7.4  | 4.8  | 22  | 0.2  | 7   | 0.1  | 64  | 0.19 | 0.025 | 21 | 30  | 0.34 | 511 |
| BRW144893 | 266  | 3.76 | 9.1  | 2.5 | 3.9  | 9.7  | 18  | 0.05 | 0.6 | 0.2  | 85  | 0.13 | 0.046 | 24 | 47  | 0.68 | 438 |
| BRW144897 | 456  | 4.16 | 5.9  | 1.1 | 2    | 8.3  | 19  | 0.05 | 0.7 | 0.1  | 62  | 0.44 | 0.092 | 26 | 78  | 0.69 | 221 |
| BRW144900 | 498  | 4.51 | 6.8  | 0.5 | 0.25 | 7.7  | 21  | 0.05 | 0.3 | 0.1  | 66  | 0.42 | 0.049 | 13 | 43  | 0.95 | 278 |
| BRW144905 | 465  | 4.68 | 3.5  | 0.8 | 0.25 | 12   | 20  | 0.05 | 0.2 | 0.05 | 153 | 0.23 | 0.038 | 29 | 101 | 1.23 | 468 |
| BRW144910 | 505  | 4.02 | 6    | 0.7 | 0.7  | 20.9 | 30  | 0.05 | 0.2 | 0.1  | 62  | 0.47 | 0.049 | 51 | 65  | 1.12 | 418 |
| BRW144989 | 463  | 4.1  | 9.3  | 2.3 | 2.1  | 15.2 | 18  | 0.1  | 0.9 | 0.2  | 66  | 0.28 | 0.06  | 31 | 39  | 0.5  | 292 |
| BRW144990 | 492  | 3.27 | 11.9 | 1.6 | 7.8  | 6.2  | 40  | 0.3  | 1.2 | 0.2  | 65  | 1.11 | 0.076 | 21 | 42  | 0.67 | 438 |
| BRW144991 | 1467 | 4.26 | 6.2  | 1.9 | 18.8 | 3.5  | 44  | 0.2  | 1.1 | 0.3  | 70  | 3.77 | 0.092 | 10 | 80  | 0.87 | 393 |
| BRW144992 | 983  | 3.84 | 16.8 | 2.7 | 5.6  | 8.2  | 32  | 0.2  | 1.1 | 0.3  | 73  | 0.65 | 0.075 | 21 | 42  | 0.58 | 309 |
| BRW144993 | 560  | 2.84 | 13   | 1.1 | 12.8 | 3.3  | 135 | 0.2  | 0.9 | 0.3  | 68  | 8.03 | 0.053 | 13 | 26  | 1.14 | 322 |
| BRW144994 | 763  | 5.04 | 30.7 | 2.6 | 4.8  | 11.4 | 24  | 0.1  | 1.6 | 0.3  | 78  | 0.3  | 0.061 | 29 | 37  | 0.73 | 253 |
| BRW144995 | 750  | 4.85 | 28.5 | 2.5 | 4.5  | 9.7  | 25  | 0.05 | 1.6 | 0.3  | 66  | 0.3  | 0.056 | 25 | 30  | 0.61 | 221 |
| BRW144996 | 522  | 3.88 | 9.3  | 1.4 | 9.6  | 9.2  | 21  | 0.05 | 0.8 | 0.2  | 66  | 0.3  | 0.023 | 28 | 52  | 0.85 | 276 |
| BRW144998 | 639  | 3.24 | 8.8  | 0.8 | 5.3  | 4.7  | 26  | 0.1  | 0.7 | 0.2  | 70  | 0.55 | 0.036 | 16 | 46  | 0.84 | 315 |
| BRW144999 | 424  | 2.89 | 10.2 | 0.8 | 12.3 | 4.4  | 65  | 0.2  | 0.7 | 0.2  | 65  | 3.57 | 0.056 | 18 | 39  | 0.85 | 313 |
| BRW145000 | 416  | 2.98 | 6.8  | 0.8 | 1.4  | 5.4  | 21  | 0.05 | 0.6 | 0.3  | 45  | 0.37 | 0.032 | 10 | 26  | 0.4  | 220 |
| BRW145018 | 1282 | 2.99 | 13.9 | 1.1 | 3    | 5.1  | 44  | 0.2  | 1   | 0.4  | 63  | 0.74 | 0.023 | 16 | 42  | 0.53 | 407 |
| BRW145019 | 560  | 2.75 | 12.3 | 0.6 | 4.8  | 5    | 34  | 0.2  | 0.8 | 0.2  | 57  | 0.85 | 0.04  | 16 | 42  | 0.63 | 306 |
| BRW90038  | 578  | 2.87 | 8.6  | 1.7 | 2.8  | 4.4  | 22  | 0.1  | 1   | 0.2  | 48  | 0.68 | 0.049 | 16 | 36  | 0.48 | 303 |
| BRW113810 | 708  | 3.93 | 8.4  | 1.3 | 2    | 8    | 20  | 0.1  | 0.5 | 0.1  | 53  | 0.29 | 0.029 | 16 | 30  | 0.53 | 250 |
| BRW113811 | 666  | 3.82 | 21.2 | 1.9 | 9.4  | 9.3  | 18  | 0.1  | 2.5 | 0.2  | 54  | 0.25 | 0.025 | 31 | 31  | 0.41 | 200 |
| BRW113846 | 252  | 2.83 | 7.6  | 0.8 | 3.5  | 4    | 19  | 0.05 | 1   | 0.1  | 47  | 0.28 | 0.02  | 11 | 33  | 0.27 | 148 |
| BRW113847 | 312  | 2.26 | 7.1  | 0.5 | 0.7  | 3.2  | 24  | 0.05 | 0.6 | 0.1  | 52  | 0.29 | 0.017 | 10 | 30  | 0.48 | 218 |
| BRW113848 | 251  | 2.83 | 11.8 | 1.3 | 4.2  | 6.4  | 17  | 0.05 | 1.1 | 0.1  | 44  | 0.26 | 0.022 | 15 | 32  | 0.31 | 127 |
| BRW113849 | 294  | 3.03 | 20.4 | 1.1 | 1.5  | 7.3  | 19  | 0.05 | 1.2 | 0.2  | 59  | 0.31 | 0.022 | 17 | 38  | 0.53 | 178 |
| BRW115536 | 397  | 3.12 | 14.9 | 0.7 | 5.8  | 4.6  | 20  | 0.05 | 0.9 | 0.2  | 63  | 0.26 | 0.017 | 16 | 47  | 0.56 | 197 |
| BRW116962 | 395  | 3.03 | 9.6  | 0.9 | 19.9 | 5.5  | 26  | 0.2  | 0.6 | 0.1  | 62  | 0.53 | 0.055 | 18 | 47  | 0.63 | 317 |
| BRW116970 | 426  | 2.11 | 5.7  | 0.8 | 5.3  | 2.6  | 33  | 0.2  | 0.5 | 0.1  | 42  | 0.89 | 0.059 | 10 | 43  | 0.68 | 224 |
| BRW116971 | 408  | 2.34 | 6.9  | 0.9 | 1.9  | 3    | 27  | 0.2  | 0.4 | 0.1  | 45  | 0.49 | 0.059 | 12 | 44  | 0.6  | 244 |
| BRW117729 | 376  | 2.5  | 10.6 | 0.7 | 5.5  | 4.1  | 57  | 0.1  | 0.7 | 0.1  | 57  | 1.82 | 0.064 | 15 | 30  | 0.67 | 248 |
| BRW117730 | 379  | 2.55 | 9.1  | 0.6 | 5.2  | 3.4  | 50  | 0.2  | 0.7 | 0.1  | 52  | 2.88 | 0.067 | 14 | 29  | 0.75 | 273 |
| BRW117731 | 496  | 3.18 | 12.2 | 0.6 | 4.3  | 4.8  | 34  | 0.2  | 0.9 | 0.2  | 64  | 0.6  | 0.054 | 18 | 36  | 0.58 | 362 |
| BRW117732 | 252  | 3.55 | 10.8 | 1.1 | 9    | 4.7  | 25  | 0.05 | 0.7 | 0.2  | 71  | 0.33 | 0.033 | 12 | 38  | 0.36 | 213 |
| BRW117733 | 547  | 3.81 | 29.7 | 2.1 | 2.8  | 6.2  | 22  | 0.2  | 1.7 | 0.4  | 52  | 0.25 | 0.032 | 19 | 36  | 0.27 | 182 |
| BRW117734 | 219  | 3.01 | 23   | 1.4 | 3.1  | 5.3  | 24  | 0.1  | 1.3 | 0.3  | 48  | 0.31 | 0.021 | 13 | 34  | 0.31 | 216 |
| BRW117734 | 227  | 3.12 | 24.9 | 1.5 | 3.5  | 5.9  | 25  | 0.1  | 1.5 | 0.3  | 52  | 0.33 | 0.022 | 15 | 36  | 0.33 | 230 |
| BRW117735 | 415  | 3.58 | 13.4 | 0.7 | 7.7  | 5.2  | 50  | 0.2  | 1   | 0.2  | 85  | 1.88 | 0.033 | 26 | 51  | 0.67 | 211 |
| BRW117736 | 271  | 2.02 | 9    | 0.7 | 2.6  | 1.7  | 70  | 0.2  | 0.6 | 0.1  | 42  | 5.77 | 0.08  | 10 | 30  | 1.43 | 150 |
| BRW117740 | 937  | 3.48 | 52.4 | 1.8 | 27.3 | 4.2  | 44  | 1    | 4.1 | 0.2  | 53  | 0.56 | 0.08  | 13 | 25  | 0.25 | 362 |
| BRW117741 | 1362 | 7.33 | 7.5  | 0.7 | 5.2  | 1.7  | 26  | 0.2  | 0.6 | 0.05 | 92  | 1.58 | 0.132 | 12 | 27  | 1.28 | 583 |
| BRW117744 | 250  | 2.95 | 45.1 | 1.7 | 0.7  | 5.2  | 23  | 0.4  | 1.9 | 0.2  | 71  | 0.35 | 0.175 | 18 | 28  | 0.42 | 267 |
| BRW117745 | 648  | 2.64 | 12.8 | 0.8 | 9.9  | 5.1  | 18  | 0.1  | 1.1 | 0.2  | 51  | 0.17 | 0.028 | 15 | 28  | 0.38 | 177 |
| BRW121709 | 521  | 3.02 | 17.9 | 0.7 | 10.1 | 5    | 16  | 0.2  | 1   | 0.2  | 60  | 0.11 | 0.042 | 18 | 30  | 0.27 | 241 |
| BRW121713 | 498  | 2.98 | 35.7 | 1.1 | 7.6  | 7.6  | 32  | 0.1  | 5.1 | 0.1  | 38  | 0.11 | 0.026 | 19 | 27  | 0.2  | 210 |
| BRW121713 | 513  | 3.04 | 35.7 | 1.1 | 6.9  | 7.6  | 33  | 0.1  | 4.9 | 0.1  | 39  | 0.12 | 0.026 | 20 | 28  | 0.2  | 212 |
| BRW121718 | 83   | 2.46 | 27.7 | 1.8 | 2.7  | 3.4  | 14  | 0.1  | 3.9 | 0.2  | 65  | 0.05 | 0.05  | 15 | 21  | 0.14 | 217 |
| BRW121718 | 88   | 2.6  | 27.9 | 1.9 | 2    | 3.6  | 15  | 0.2  | 3.6 | 0.2  | 74  | 0.06 | 0.046 | 15 | 25  | 0.13 | 221 |
| BRW121719 | 84   | 2.23 | 27   | 1.8 | 1.9  | 3.2  | 14  | 0.2  | 3.7 | 0.2  | 57  | 0.05 | 0.042 | 15 | 19  | 0.12 | 216 |
| BRW121721 | 645  | 5.63 | 5.8  | 0.7 | 2.1  | 7.4  | 12  | 0.05 | 0.3 | 0.05 | 56  | 0.18 | 0.049 | 37 | 21  | 1.27 | 315 |
| BRW121722 | 640  | 4.55 | 8.2  | 0.8 | 0.8  | 4.6  | 16  | 0.05 | 0.4 | 0.1  | 46  | 0.22 | 0.07  | 11 | 22  | 0.62 | 366 |
| BRW121724 | 950  | 6.28 | 5.2  | 1   | 1.2  | 9.6  | 13  | 0.05 | 0.3 | 0.05 | 60  | 0.16 | 0.041 | 21 | 24  | 1.28 | 400 |
| BRW121727 | 721  | 5.39 | 13.1 | 1.2 | 2.9  | 16   | 21  | 0.05 | 0.7 | 0.1  | 80  | 0.44 | 0.087 | 48 | 132 | 1.84 | 500 |
| BRW121729 | 334  | 4.26 | 48.1 | 1.9 | 7.5  | 12.3 | 17  | 0.2  | 1.6 | 0.2  | 81  | 0.07 | 0.053 | 26 | 64  | 0.8  | 287 |
| BRW121731 | 240  | 2.78 | 41.4 | 0.8 | 0.9  | 4.2  | 19  | 0.2  | 1.1 | 0.1  | 47  | 0.17 | 0.037 | 15 | 55  | 0.54 | 200 |
| BRW128610 | 371  | 2.59 | 14.7 | 0.5 | 3.8  | 4    | 33  | 0.1  | 0.8 | 0.2  | 46  | 0.68 | 0.048 | 13 | 28  | 0.52 | 265 |
| BRW128611 | 552  | 3.24 | 22.9 | 0.8 | 7.2  | 5.4  | 33  | 0.05 | 1.3 | 0.2  | 64  | 0.5  | 0.049 | 17 | 38  | 0.64 | 339 |
| BRW128612 | 491  | 2.94 | 20.7 | 0.9 | 7.8  | 5.4  | 32  | 0.05 | 1.2 | 0.2  | 57  | 0.45 | 0.042 | 16 | 36  | 0.59 | 294 |
| BRW128613 | 343  | 2.36 | 11.6 | 1.3 | 6    | 2.3  | 47  | 0.3  | 0.8 | 0.1  | 40  | 0.99 | 0.063 | 13 | 23  | 0.45 | 304 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW144643 | 0.027 | 2   | 1    | 0.01  | 0.2  | 0.1  | 0.1   | 6.7  | 0.2  | 0.025 | 3  | 0.7  | 1DX15  | WHI10000466 |
| BRW144888 | 0.102 | 1   | 1.73 | 0.012 | 0.1  | 0.05 | 0.05  | 5.9  | 0.05 | 0.025 | 5  | 0.8  | 1DX15  | WHI10000466 |
| BRW144889 | 0.101 | 2   | 2.05 | 0.011 | 0.2  | 0.1  | 0.03  | 4.6  | 0.2  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000466 |
| BRW144891 | 0.021 | 1   | 2.14 | 0.009 | 0.36 | 0.05 | 0.06  | 11.8 | 0.2  | 0.025 | 8  | 0.8  | 1DX15  | WHI10000466 |
| BRW144892 | 0.026 | 2   | 1.12 | 0.009 | 0.13 | 0.1  | 0.22  | 11.9 | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000466 |
| BRW144893 | 0.146 | 2   | 1.75 | 0.009 | 0.75 | 0.05 | 0.09  | 4.8  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW144897 | 0.08  | 4   | 1.64 | 0.011 | 0.43 | 0.05 | 0.03  | 8.9  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000466 |
| BRW144900 | 0.232 | 1   | 2.44 | 0.013 | 0.82 | 0.1  | 0.01  | 7.2  | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000466 |
| BRW144905 | 0.215 | 1   | 2.7  | 0.013 | 1.28 | 0.05 | 0.02  | 9    | 0.5  | 0.025 | 9  | 0.8  | 1DX15  | WHI10000466 |
| BRW144910 | 0.131 | 2   | 2.49 | 0.017 | 0.66 | 0.05 | 0.01  | 5    | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000466 |
| BRW144989 | 0.111 | 2   | 1.67 | 0.009 | 0.62 | 0.05 | 0.03  | 5.4  | 0.4  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000466 |
| BRW144990 | 0.087 | 4   | 1.68 | 0.02  | 0.38 | 0.05 | 0.13  | 6.7  | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000466 |
| BRW144991 | 0.044 | 3   | 1.48 | 0.012 | 0.37 | 0.05 | 0.16  | 12.6 | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW144992 | 0.05  | 3   | 1.48 | 0.011 | 0.21 | 0.1  | 0.1   | 7.1  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW144993 | 0.07  | 2   | 1.64 | 0.022 | 0.12 | 0.2  | 0.11  | 5.6  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000466 |
| BRW144994 | 0.093 | 3   | 1.78 | 0.007 | 0.8  | 0.1  | 0.1   | 9.1  | 0.6  | 0.025 | 7  | 1.4  | 1DX15  | WHI10000466 |
| BRW144995 | 0.071 | 3   | 1.46 | 0.006 | 0.68 | 0.1  | 0.08  | 8.7  | 0.5  | 0.025 | 5  | 1.7  | 1DX15  | WHI10000466 |
| BRW144996 | 0.115 | 3   | 2.2  | 0.012 | 0.57 | 0.2  | 0.04  | 8.7  | 0.4  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000466 |
| BRW144998 | 0.131 | 2   | 1.65 | 0.023 | 0.33 | 0.2  | 0.03  | 5.9  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000466 |
| BRW144999 | 0.113 | 2   | 1.61 | 0.029 | 0.19 | 0.2  | 0.07  | 5.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW145000 | 0.066 | 2   | 1.48 | 0.012 | 0.28 | 0.1  | 0.01  | 4.5  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW145018 | 0.087 | 1   | 1.8  | 0.027 | 0.09 | 0.1  | 0.07  | 5.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000466 |
| BRW145019 | 0.076 | 2   | 1.54 | 0.025 | 0.07 | 0.2  | 0.06  | 4.6  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW90038  | 0.046 | 2   | 1.24 | 0.014 | 0.16 | 0.1  | 0.05  | 7.6  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000466 |
| BRW113810 | 0.089 | 2   | 1.63 | 0.011 | 0.34 | 0.1  | 0.08  | 8.6  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW113811 | 0.036 | 3   | 1.21 | 0.008 | 0.23 | 0.05 | 0.17  | 9.3  | 0.3  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000467 |
| BRW113846 | 0.055 | 1   | 1.06 | 0.008 | 0.1  | 0.1  | 0.02  | 3.9  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW113847 | 0.077 | 0.5 | 1.28 | 0.015 | 0.06 | 0.05 | 0.02  | 3.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW113848 | 0.042 | 2   | 1.1  | 0.009 | 0.09 | 0.1  | 0.03  | 4.6  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW113849 | 0.079 | 1   | 1.59 | 0.012 | 0.18 | 0.1  | 0.03  | 4.9  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW115536 | 0.073 | 0.5 | 1.73 | 0.014 | 0.19 | 0.2  | 0.04  | 6.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW116962 | 0.078 | 1   | 1.66 | 0.018 | 0.16 | 0.1  | 0.05  | 5.7  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW116970 | 0.058 | 2   | 1.54 | 0.021 | 0.05 | 0.1  | 0.04  | 3    | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000467 |
| BRW116971 | 0.055 | 1   | 1.54 | 0.016 | 0.04 | 0.1  | 0.04  | 3.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW117729 | 0.08  | 1   | 1.33 | 0.041 | 0.07 | 0.2  | 0.03  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW117730 | 0.054 | 1   | 1.21 | 0.032 | 0.08 | 0.2  | 0.04  | 4.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW117731 | 0.088 | 1   | 1.6  | 0.035 | 0.09 | 0.2  | 0.06  | 4.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW117732 | 0.055 | 0.5 | 1.56 | 0.017 | 0.16 | 0.1  | 0.04  | 5.2  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW117733 | 0.022 | 1   | 1.55 | 0.012 | 0.13 | 0.1  | 0.29  | 7.7  | 0.6  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW117734 | 0.032 | 0.5 | 1.41 | 0.011 | 0.08 | 0.05 | 0.07  | 4.4  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW117734 | 0.038 | 1   | 1.55 | 0.012 | 0.09 | 0.1  | 0.07  | 4.9  | 0.2  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000467 |
| BRW117735 | 0.075 | 0.5 | 1.98 | 0.03  | 0.13 | 0.1  | 0.31  | 7.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW117736 | 0.04  | 3   | 1.1  | 0.024 | 0.09 | 0.2  | 0.11  | 2.8  | 0.05 | 0.08  | 3  | 0.6  | 1DX15  | WHI10000467 |
| BRW117740 | 0.012 | 2   | 0.73 | 0.011 | 0.1  | 3.5  | 0.1   | 7.2  | 0.05 | 0.025 | 3  | 1    | 1DX15  | WHI10000467 |
| BRW117741 | 0.066 | 2   | 1.87 | 0.017 | 0.39 | 0.05 | 0.09  | 10.7 | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW117744 | 0.06  | 1   | 1.22 | 0.004 | 0.25 | 0.05 | 0.03  | 3.8  | 0.2  | 0.025 | 5  | 1    | 1DX15  | WHI10000467 |
| BRW117745 | 0.062 | 1   | 1.53 | 0.012 | 0.07 | 0.05 | 0.03  | 3.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW121709 | 0.035 | 0.5 | 1.66 | 0.01  | 0.11 | 0.05 | 0.03  | 2.9  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW121713 | 0.012 | 0.5 | 0.85 | 0.007 | 0.13 | 0.05 | 0.1   | 5.4  | 0.05 | 0.025 | 2  | 0.6  | 1DX15  | WHI10000467 |
| BRW121713 | 0.013 | 2   | 0.85 | 0.008 | 0.14 | 0.1  | 0.09  | 5.7  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW121718 | 0.011 | 1   | 1    | 0.004 | 0.06 | 0.1  | 0.03  | 3.1  | 0.05 | 0.11  | 3  | 2    | 1DX15  | WHI10000467 |
| BRW121718 | 0.012 | 1   | 0.82 | 0.004 | 0.06 | 0.1  | 0.03  | 3.7  | 0.05 | 0.06  | 3  | 2.4  | 1DX15  | WHI10000467 |
| BRW121719 | 0.01  | 1   | 0.77 | 0.003 | 0.04 | 0.1  | 0.03  | 3    | 0.05 | 0.05  | 3  | 2.4  | 1DX15  | WHI10000467 |
| BRW121721 | 0.302 | 0.5 | 3.23 | 0.012 | 1.41 | 0.05 | 0.02  | 14.5 | 0.6  | 0.07  | 13 | 0.9  | 1DX15  | WHI10000467 |
| BRW121722 | 0.224 | 1   | 2.13 | 0.015 | 0.79 | 0.1  | 0.005 | 8.6  | 0.4  | 0.08  | 11 | 0.25 | 1DX15  | WHI10000467 |
| BRW121724 | 0.301 | 0.5 | 2.33 | 0.01  | 1.9  | 0.1  | 0.01  | 24.1 | 0.5  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000467 |
| BRW121727 | 0.185 | 0.5 | 3.25 | 0.016 | 1.42 | 0.2  | 0.01  | 8.6  | 0.6  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000467 |
| BRW121729 | 0.128 | 2   | 1.77 | 0.008 | 0.94 | 0.05 | 0.03  | 7.3  | 0.8  | 0.07  | 7  | 1.4  | 1DX15  | WHI10000467 |
| BRW121731 | 0.05  | 1   | 1.37 | 0.006 | 0.25 | 0.05 | 0.02  | 2.8  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW128610 | 0.064 | 1   | 1.39 | 0.025 | 0.06 | 0.2  | 0.05  | 3.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW128611 | 0.087 | 1   | 1.68 | 0.033 | 0.19 | 0.1  | 0.06  | 6.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW128612 | 0.085 | 1   | 1.56 | 0.024 | 0.17 | 0.1  | 0.05  | 5.2  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW128613 | 0.04  | 2   | 1.22 | 0.023 | 0.08 | 0.2  | 0.06  | 3.4  | 0.05 | 0.025 | 4  | 0.8  | 1DX15  | WHI10000467 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|------|------|
| BRW128614 | Soil | 598681     | 7007179    | 07V      | 0.8 | 34.9 | 18.8 | 506 | 0.05 | 31.4 | 14.1 |
| BRW128615 | Soil | 598681     | 7007179    | 07V      | 0.9 | 37.8 | 17.3 | 524 | 0.05 | 33.8 | 14.4 |
| BRW128616 | Soil | 598720     | 7007210    | 07V      | 0.7 | 36.4 | 10.9 | 42  | 0.05 | 27.8 | 9.4  |
| BRW128617 | Soil | 598720     | 7007210    | 07V      | 0.7 | 42   | 11.1 | 44  | 0.05 | 28.1 | 10.8 |
| BRW128620 | Soil | 598800     | 7007270    | 07V      | 0.6 | 19.1 | 8.1  | 95  | 0.05 | 17.7 | 10   |
| BRW128621 | Soil | 598838     | 7007301    | 07V      | 1.1 | 22.1 | 11.5 | 58  | 0.05 | 25.7 | 10   |
| BRW130617 | Soil | 597979     | 7007266    | 07V      | 0.9 | 26.5 | 10.1 | 49  | 0.05 | 24.7 | 9.1  |
| BRW130618 | Soil | 597918     | 7007345    | 07V      | 1   | 22.7 | 19.4 | 54  | 0.05 | 29   | 9.2  |
| BRW130620 | Soil | 597365     | 7006913    | 07V      | 1.2 | 28.7 | 10   | 63  | 0.05 | 32.9 | 15   |
| BRW130621 | Soil | 597324     | 7006884    | 07V      | 1   | 17.6 | 8.4  | 50  | 0.05 | 30   | 11   |
| BRW130622 | Soil | 597405     | 7006943    | 07V      | 2.9 | 82.6 | 8.6  | 100 | 0.1  | 50.8 | 18.6 |
| BRW135623 | Soil | 597696     | 7006410    | 07V      | 1.6 | 36   | 13.2 | 55  | 0.2  | 32.9 | 13.4 |
| BRW135624 | Soil | 597735     | 7006441    | 07V      | 1.8 | 36.8 | 11.2 | 64  | 0.05 | 27.1 | 8.3  |
| BRW135625 | Soil | 597774     | 7006472    | 07V      | 1.8 | 39.6 | 10.9 | 86  | 0.05 | 41.5 | 14.7 |
| BRW135626 | Soil | 597813     | 7006503    | 07V      | 2.1 | 54.8 | 11.2 | 54  | 0.05 | 34.3 | 13.8 |
| BRW135627 | Soil | 597854     | 7006534    | 07V      | 1.4 | 37.7 | 10.6 | 73  | 0.05 | 31   | 9.3  |
| BRW135628 | Soil | 597895     | 7006565    | 07V      | 1.3 | 25.4 | 8.6  | 64  | 0.05 | 21   | 7.1  |
| BRW135629 | Soil | 597934     | 7006595    | 07V      | 1.1 | 33.7 | 9.2  | 58  | 0.05 | 23.7 | 8    |
| BRW135630 | Soil | 597973     | 7006625    | 07V      | 1.4 | 43.8 | 10.6 | 77  | 0.2  | 30.2 | 9.8  |
| BRW135631 | Soil | 598013     | 7006658    | 07V      | 1.2 | 23.6 | 11   | 63  | 0.1  | 22   | 8.8  |
| BRW135633 | Soil | 598091     | 7006719    | 07V      | 0.8 | 21.5 | 7.4  | 71  | 0.1  | 24.9 | 12.9 |
| BRW138064 | Soil | 599091     | 7006739    | 07V      | 1.8 | 25.7 | 14.3 | 79  | 0.2  | 21.3 | 14.6 |
| BRW138158 | Soil | 598681     | 7006291    | 07V      | 1.6 | 22.7 | 7.5  | 70  | 0.05 | 25.6 | 11.7 |
| BRW138158 | REP  | 598681     | 7006291    | 07V      | 1.6 | 20.7 | 7.6  | 69  | 0.05 | 26.1 | 11.8 |
| BRW138168 | Soil | 598326     | 7006014    | 07V      | 1.4 | 20.6 | 9.4  | 63  | 0.1  | 25.4 | 8.9  |
| BRW138169 | Soil | 598285     | 7005983    | 07V      | 1   | 29.1 | 18.4 | 143 | 0.05 | 34.5 | 16.3 |
| BRW138176 | Soil | 598954     | 7005612    | 07V      | 2.8 | 63.3 | 15   | 82  | 0.1  | 49.6 | 11.9 |
| BRW138177 | Soil | 598993     | 7005644    | 07V      | 0.5 | 29.4 | 14.5 | 104 | 0.05 | 25.4 | 21.1 |
| BRW138181 | Soil | 599185     | 7006941    | 07V      | 1.7 | 27   | 39.9 | 88  | 0.5  | 29.4 | 16.5 |
| BRW138184 | Soil | 599066     | 7006849    | 07V      | 2.3 | 39.1 | 23.3 | 127 | 0.2  | 39.4 | 14.7 |
| BRW138187 | Soil | 598947     | 7006758    | 07V      | 1.8 | 13.6 | 18   | 46  | 0.05 | 23.4 | 8.9  |
| BRW138190 | Soil | 598830     | 7006665    | 07V      | 1.9 | 12.8 | 14.8 | 65  | 0.05 | 17.7 | 8.2  |
| BRW138195 | Soil | 598633     | 7006510    | 07V      | 1.1 | 31.1 | 10.5 | 69  | 0.1  | 30.4 | 14.3 |
| BRW138251 | Soil | 598055     | 7006438    | 07V      | 1.9 | 31.7 | 10.1 | 67  | 0.2  | 35.1 | 10.1 |
| BRW138261 | Soil | 597427     | 7006834    | 07V      | 1.5 | 52.2 | 12   | 62  | 0.1  | 41.7 | 11.6 |
| BRW138262 | Soil | 597386     | 7006805    | 07V      | 1.4 | 29.9 | 12.4 | 61  | 0.05 | 22.5 | 8.6  |
| BRW138263 | Soil | 597505     | 7006896    | 07V      | 1.2 | 42.5 | 8.6  | 67  | 0.1  | 32.8 | 13.3 |
| BRW138266 | Soil | 597222     | 7007182    | 07V      | 1.7 | 71.4 | 11.8 | 80  | 0.05 | 35.8 | 10.7 |
| BRW138280 | Soil | 597671     | 7007660    | 07V      | 0.8 | 27.9 | 11.6 | 80  | 0.1  | 28.9 | 10.3 |
| BRW138450 | Soil | 597202     | 7007042    | 07V      | 0.7 | 15.4 | 9.5  | 39  | 0.05 | 13.8 | 6.3  |
| BRW138451 | Soil | 597264     | 7006962    | 07V      | 0.8 | 20.6 | 8.4  | 49  | 0.05 | 15.5 | 7.2  |
| BRW138756 | Soil | 597545     | 7006927    | 07V      | 1   | 24.7 | 9.8  | 58  | 0.1  | 25   | 7.9  |
| BRW138757 | Soil | 597584     | 7006959    | 07V      | 0.5 | 30.4 | 9.1  | 58  | 0.2  | 30.9 | 10   |
| BRW138758 | Soil | 597624     | 7006990    | 07V      | 0.5 | 11.3 | 10.7 | 43  | 0.05 | 14.8 | 5.9  |
| BRW138759 | Soil | 597663     | 7007019    | 07V      | 0.8 | 29.2 | 9.5  | 75  | 0.05 | 28.5 | 9.1  |
| BRW138760 | Soil | 597663     | 7007019    | 07V      | 0.7 | 31.4 | 11.3 | 69  | 0.05 | 28.1 | 9.9  |
| BRW138798 | Soil | 597743     | 7007081    | 07V      | 1   | 17.4 | 9.3  | 66  | 0.05 | 23.1 | 6.6  |
| BRW138800 | Soil | 597821     | 7007144    | 07V      | 2.2 | 40.5 | 14.8 | 160 | 0.1  | 68.9 | 12   |
| BRW138835 | Soil | 597483     | 7007005    | 07V      | 1.2 | 18   | 8.5  | 63  | 0.1  | 21.3 | 9.7  |
| BRW138837 | Soil | 597561     | 7007067    | 07V      | 1.6 | 30.4 | 20.5 | 85  | 0.05 | 31.2 | 9.6  |
| BRW138843 | Soil | 597759     | 7007222    | 07V      | 0.7 | 24.6 | 15.3 | 113 | 0.05 | 43.3 | 8.9  |
| BRW138878 | Soil | 598961     | 7007147    | 07V      | 1.3 | 38.6 | 26   | 85  | 0.2  | 27.4 | 9.3  |
| BRW138880 | Soil | 598882     | 7007084    | 07V      | 1.6 | 24.8 | 17.9 | 91  | 0.05 | 29.7 | 14.3 |
| BRW138882 | Soil | 598765     | 7006991    | 07V      | 4.8 | 81.1 | 23.5 | 61  | 0.2  | 51.8 | 15.9 |
| BRW138883 | Soil | 598725     | 7006960    | 07V      | 1.6 | 51.4 | 19.3 | 54  | 0.5  | 34.8 | 14.7 |
| BRW138885 | Soil | 598646     | 7006900    | 07V      | 0.8 | 38.6 | 14.3 | 67  | 0.2  | 33.7 | 12.3 |
| BRW139092 | Soil | 598545     | 7006945    | 07V      | 1.5 | 37.9 | 18.4 | 100 | 0.2  | 26.2 | 16.7 |
| BRW139093 | Soil | 598505     | 7006916    | 07V      | 0.8 | 20.6 | 8.4  | 48  | 0.05 | 12.1 | 8.2  |
| BRW139094 | Soil | 598466     | 7006886    | 07V      | 0.5 | 29.6 | 9.4  | 51  | 0.05 | 22.2 | 8.6  |
| BRW139095 | Soil | 598426     | 7006854    | 07V      | 0.9 | 41.6 | 7.8  | 58  | 0.05 | 34.8 | 14.2 |
| BRW139096 | Soil | 598387     | 7006823    | 07V      | 0.8 | 62.2 | 24.3 | 82  | 0.1  | 31.7 | 13.5 |
| BRW139100 | Soil | 598269     | 7006732    | 07V      | 0.8 | 22.6 | 10   | 59  | 0.05 | 22.7 | 10.8 |
| BRW139101 | Soil | 598230     | 7006701    | 07V      | 0.9 | 46.6 | 12.4 | 85  | 0.2  | 39.8 | 15   |

| SampleID  | Mn   | Fe   | As_  | U    | Au   | Th   | Sr  | Cd   | Sb  | Bi   | V  | Ca   | P     | La | Cr | Mg   | Ba   |
|-----------|------|------|------|------|------|------|-----|------|-----|------|----|------|-------|----|----|------|------|
| BRW128614 | 409  | 3.51 | 9.1  | 1    | 3.1  | 12.5 | 17  | 0.2  | 0.3 | 0.2  | 54 | 0.25 | 0.034 | 24 | 68 | 1.07 | 438  |
| BRW128615 | 479  | 3.97 | 9.3  | 1    | 1.3  | 12.2 | 19  | 0.3  | 0.3 | 0.2  | 58 | 0.29 | 0.041 | 25 | 72 | 1.12 | 469  |
| BRW128616 | 456  | 2.8  | 5.8  | 1.4  | 3.5  | 16.7 | 14  | 0.05 | 0.4 | 0.2  | 37 | 0.26 | 0.026 | 33 | 44 | 0.92 | 183  |
| BRW128617 | 459  | 2.88 | 6.9  | 1.5  | 3.6  | 17.5 | 16  | 0.05 | 0.4 | 0.2  | 43 | 0.3  | 0.024 | 33 | 47 | 0.97 | 201  |
| BRW128620 | 471  | 4.69 | 7.1  | 0.7  | 1.4  | 8.9  | 16  | 0.05 | 0.3 | 0.2  | 42 | 0.33 | 0.076 | 19 | 26 | 1.07 | 289  |
| BRW128621 | 300  | 3.06 | 7.9  | 0.6  | 0.7  | 4.6  | 22  | 0.1  | 0.5 | 0.2  | 62 | 0.31 | 0.034 | 11 | 45 | 0.66 | 225  |
| BRW130617 | 267  | 2.8  | 10.3 | 0.6  | 1.7  | 3.8  | 20  | 0.05 | 0.7 | 0.2  | 66 | 0.29 | 0.023 | 14 | 34 | 0.49 | 318  |
| BRW130618 | 247  | 2.79 | 15.9 | 0.8  | 3.6  | 4    | 20  | 0.1  | 0.8 | 0.2  | 60 | 0.33 | 0.023 | 14 | 37 | 0.42 | 251  |
| BRW130620 | 686  | 2.91 | 8.6  | 0.6  | 2.9  | 3.9  | 32  | 0.05 | 0.9 | 0.2  | 75 | 0.29 | 0.022 | 16 | 42 | 0.63 | 1396 |
| BRW130621 | 1325 | 2.52 | 7.1  | 0.4  | 1.8  | 2.6  | 29  | 0.05 | 1.7 | 0.1  | 48 | 0.29 | 0.026 | 9  | 27 | 0.44 | 1680 |
| BRW130622 | 1624 | 5.18 | 6.3  | 1.5  | 2.8  | 9.5  | 20  | 0.1  | 1.5 | 0.1  | 58 | 0.23 | 0.061 | 23 | 36 | 0.4  | 1012 |
| BRW135623 | 464  | 2.93 | 20.4 | 1    | 10.8 | 5.5  | 33  | 0.05 | 1.9 | 0.2  | 58 | 0.27 | 0.029 | 17 | 35 | 0.43 | 335  |
| BRW135624 | 192  | 2.68 | 22.5 | 1.5  | 5.3  | 9.5  | 18  | 0.05 | 1.6 | 0.2  | 51 | 0.17 | 0.051 | 27 | 31 | 0.31 | 191  |
| BRW135625 | 340  | 3.06 | 12.8 | 1.6  | 9.2  | 10.6 | 20  | 0.1  | 0.9 | 0.2  | 49 | 0.19 | 0.051 | 30 | 34 | 0.43 | 173  |
| BRW135626 | 892  | 2.46 | 31.4 | 1.9  | 3.1  | 5    | 21  | 0.2  | 1.8 | 0.2  | 51 | 0.24 | 0.048 | 19 | 33 | 0.4  | 214  |
| BRW135627 | 551  | 2.98 | 18.6 | 0.9  | 4.1  | 4.6  | 21  | 0.1  | 1.3 | 0.2  | 63 | 0.21 | 0.029 | 18 | 33 | 0.49 | 285  |
| BRW135628 | 290  | 2.32 | 12.7 | 0.6  | 3.5  | 3.8  | 23  | 0.1  | 1.3 | 0.1  | 42 | 0.27 | 0.032 | 13 | 24 | 0.41 | 266  |
| BRW135629 | 332  | 2.47 | 12.6 | 0.9  | 2.8  | 3.9  | 29  | 0.1  | 1.2 | 0.2  | 47 | 0.35 | 0.039 | 13 | 29 | 0.47 | 352  |
| BRW135630 | 382  | 3.08 | 15.2 | 0.9  | 4.4  | 4.3  | 37  | 0.2  | 1.6 | 0.2  | 57 | 0.58 | 0.061 | 14 | 34 | 0.55 | 479  |
| BRW135631 | 449  | 2.76 | 15.8 | 1.3  | 3.5  | 4.5  | 28  | 0.1  | 1.2 | 0.2  | 46 | 0.52 | 0.053 | 15 | 26 | 0.49 | 490  |
| BRW135633 | 517  | 3.69 | 5.5  | 0.7  | 1.8  | 7.2  | 24  | 0.1  | 0.4 | 0.1  | 51 | 1.41 | 0.047 | 32 | 40 | 1.18 | 259  |
| BRW138064 | 704  | 2.94 | 19.2 | 1.7  | 5.9  | 4.5  | 31  | 0.2  | 0.8 | 0.2  | 46 | 0.47 | 0.054 | 16 | 26 | 0.41 | 309  |
| BRW138158 | 392  | 3.27 | 5.2  | 0.6  | 3.9  | 4.3  | 20  | 0.05 | 0.5 | 0.1  | 70 | 0.37 | 0.03  | 15 | 70 | 1.15 | 231  |
| BRW138158 | 366  | 3.14 | 5.2  | 0.6  | 2.1  | 3.7  | 19  | 0.05 | 0.4 | 0.1  | 67 | 0.35 | 0.028 | 15 | 70 | 1.17 | 234  |
| BRW138168 | 484  | 2.57 | 13.8 | 0.8  | 4.6  | 4.7  | 26  | 0.1  | 0.8 | 0.1  | 50 | 0.29 | 0.04  | 15 | 29 | 0.37 | 323  |
| BRW138169 | 524  | 4.87 | 67.8 | 0.9  | 0.9  | 11.2 | 15  | 0.2  | 0.5 | 0.05 | 96 | 0.42 | 0.089 | 63 | 60 | 1.07 | 477  |
| BRW138176 | 554  | 3.34 | 38.7 | 1.6  | 8.9  | 9.5  | 28  | 0.05 | 5.1 | 0.2  | 37 | 0.19 | 0.029 | 31 | 28 | 0.21 | 495  |
| BRW138177 | 1179 | 5.46 | 4    | 0.7  | 2.5  | 6.1  | 11  | 0.05 | 0.5 | 0.1  | 98 | 0.53 | 0.063 | 22 | 76 | 1.11 | 352  |
| BRW138181 | 1212 | 2.95 | 17.7 | 2.1  | 5.9  | 3.7  | 38  | 0.3  | 0.8 | 0.2  | 49 | 0.55 | 0.082 | 19 | 27 | 0.29 | 663  |
| BRW138184 | 529  | 5.16 | 45.9 | 1.6  | 1.6  | 9.4  | 14  | 0.2  | 2   | 0.2  | 65 | 0.23 | 0.039 | 22 | 36 | 0.62 | 233  |
| BRW138187 | 342  | 2.23 | 13.1 | 0.5  | 4    | 2.4  | 17  | 0.2  | 0.6 | 0.2  | 48 | 0.19 | 0.036 | 9  | 36 | 0.3  | 273  |
| BRW138190 | 261  | 3.12 | 13.6 | 0.4  | 2.6  | 1.3  | 19  | 0.2  | 0.6 | 0.2  | 69 | 0.22 | 0.041 | 12 | 30 | 0.38 | 298  |
| BRW138195 | 520  | 3.28 | 7.9  | 1    | 4.7  | 5.3  | 26  | 0.2  | 0.5 | 0.2  | 70 | 0.9  | 0.055 | 26 | 70 | 1.24 | 274  |
| BRW138251 | 466  | 2.9  | 15.5 | 0.7  | 2.1  | 4.3  | 18  | 0.1  | 1.1 | 0.2  | 56 | 0.25 | 0.045 | 12 | 33 | 0.48 | 225  |
| BRW138261 | 473  | 3.1  | 10.1 | 1.8  | 5.3  | 6.5  | 19  | 0.2  | 1.1 | 0.2  | 74 | 0.35 | 0.05  | 23 | 41 | 0.48 | 255  |
| BRW138262 | 275  | 2.51 | 10.7 | 1.3  | 4.9  | 4.7  | 24  | 0.1  | 1.2 | 0.2  | 50 | 0.45 | 0.045 | 15 | 29 | 0.5  | 330  |
| BRW138263 | 1301 | 2.8  | 9    | 0.9  | 3    | 2.9  | 24  | 0.2  | 1.5 | 0.2  | 51 | 0.29 | 0.04  | 12 | 26 | 0.45 | 1529 |
| BRW138266 | 1088 | 3.49 | 14.8 | 2.1  | 3.3  | 7.4  | 31  | 0.05 | 1   | 0.2  | 67 | 0.22 | 0.021 | 27 | 41 | 0.66 | 376  |
| BRW138280 | 568  | 2.77 | 11.4 | 1.4  | 2.2  | 4.7  | 29  | 0.3  | 0.7 | 0.1  | 49 | 0.74 | 0.066 | 20 | 34 | 0.51 | 340  |
| BRW138450 | 197  | 2.45 | 8.1  | 0.6  | 6.1  | 3.6  | 14  | 0.05 | 0.6 | 0.2  | 44 | 0.14 | 0.027 | 10 | 23 | 0.38 | 297  |
| BRW138451 | 319  | 2.24 | 6.6  | 1.1  | 3.4  | 3.6  | 18  | 0.05 | 0.7 | 0.2  | 50 | 0.21 | 0.034 | 13 | 25 | 0.4  | 736  |
| BRW138756 | 442  | 2.63 | 8.7  | 0.6  | 2.7  | 2.6  | 36  | 0.2  | 0.6 | 0.1  | 45 | 2.2  | 0.042 | 15 | 26 | 0.42 | 194  |
| BRW138757 | 710  | 2.58 | 9.2  | 0.5  | 4.2  | 1.9  | 48  | 0.3  | 0.6 | 0.2  | 53 | 4.14 | 0.068 | 11 | 34 | 0.6  | 282  |
| BRW138758 | 412  | 1.66 | 4.2  | 0.3  | 0.25 | 1.6  | 51  | 0.3  | 0.2 | 0.1  | 32 | 5.58 | 0.039 | 9  | 21 | 2.1  | 201  |
| BRW138759 | 404  | 3.13 | 7.7  | 0.9  | 2.7  | 8.2  | 17  | 0.05 | 0.5 | 0.1  | 44 | 0.38 | 0.032 | 30 | 32 | 0.46 | 217  |
| BRW138760 | 374  | 2.95 | 7.1  | 1    | 2.9  | 9.2  | 17  | 0.05 | 0.6 | 0.1  | 51 | 0.37 | 0.034 | 31 | 34 | 0.46 | 210  |
| BRW138798 | 338  | 2.3  | 9.7  | 1    | 3.6  | 3.7  | 18  | 0.2  | 0.7 | 0.1  | 43 | 0.19 | 0.026 | 14 | 26 | 0.33 | 188  |
| BRW138800 | 1398 | 5.98 | 66.8 | 10.1 | 2.3  | 5.3  | 19  | 0.4  | 1.6 | 0.2  | 69 | 0.37 | 0.036 | 20 | 33 | 0.35 | 468  |
| BRW138835 | 600  | 2.84 | 5.9  | 0.8  | 2.2  | 4.4  | 22  | 0.1  | 0.5 | 0.1  | 58 | 0.28 | 0.042 | 15 | 32 | 0.5  | 252  |
| BRW138837 | 358  | 3.65 | 11.8 | 1.2  | 15   | 8.1  | 29  | 0.1  | 1.5 | 0.2  | 59 | 0.2  | 0.043 | 31 | 25 | 0.24 | 156  |
| BRW138843 | 808  | 3.51 | 8.6  | 1.1  | 3    | 6.4  | 18  | 0.3  | 0.7 | 0.1  | 42 | 0.24 | 0.023 | 22 | 29 | 0.42 | 382  |
| BRW138878 | 402  | 2.44 | 15.4 | 1.8  | 5.9  | 5.7  | 108 | 0.2  | 0.9 | 0.2  | 41 | 2.57 | 0.052 | 13 | 20 | 0.71 | 195  |
| BRW138880 | 771  | 4.49 | 17.8 | 1.1  | 3.4  | 8.9  | 20  | 0.1  | 0.7 | 0.2  | 41 | 0.24 | 0.029 | 16 | 25 | 0.54 | 184  |
| BRW138882 | 1355 | 3.37 | 88.7 | 1.4  | 5.9  | 3    | 21  | 0.2  | 2   | 0.3  | 54 | 0.23 | 0.036 | 12 | 30 | 0.19 | 475  |
| BRW138883 | 750  | 3.56 | 64.6 | 1    | 3    | 3.4  | 44  | 0.2  | 2.5 | 0.2  | 59 | 0.78 | 0.049 | 13 | 35 | 0.68 | 513  |
| BRW138885 | 325  | 3.17 | 13.5 | 1.2  | 6.6  | 14.1 | 18  | 0.05 | 0.8 | 0.2  | 50 | 0.24 | 0.015 | 50 | 35 | 0.66 | 138  |
| BRW139092 | 811  | 4.15 | 29.7 | 1.2  | 4.1  | 10.2 | 15  | 0.1  | 1.1 | 0.2  | 82 | 0.45 | 0.089 | 22 | 53 | 1    | 378  |
| BRW139093 | 635  | 3.28 | 5    | 1    | 3.5  | 9.8  | 13  | 0.05 | 0.3 | 0.05 | 40 | 0.4  | 0.044 | 22 | 25 | 1.72 | 249  |
| BRW139094 | 340  | 2.49 | 10.9 | 0.5  | 2.3  | 4    | 30  | 0.05 | 0.7 | 0.2  | 46 | 0.51 | 0.05  | 13 | 30 | 0.56 | 284  |
| BRW139095 | 509  | 3.43 | 7.8  | 0.7  | 5.8  | 5.9  | 23  | 0.05 | 0.5 | 0.1  | 72 | 0.51 | 0.044 | 23 | 73 | 1.39 | 252  |
| BRW139096 | 521  | 3.08 | 18.6 | 1.1  | 3.1  | 8.6  | 32  | 0.2  | 0.8 | 0.2  | 46 | 0.56 | 0.05  | 28 | 31 | 0.69 | 258  |
| BRW139100 | 420  | 2.76 | 10.7 | 0.6  | 2.1  | 4.7  | 27  | 0.1  | 0.7 | 0.2  | 55 | 0.42 | 0.031 | 14 | 32 | 0.5  | 246  |
| BRW139101 | 469  | 3.8  | 9.7  | 1    | 5.9  | 10.4 | 34  | 0.1  | 0.6 | 0.2  | 54 | 0.86 | 0.042 | 41 | 42 | 1.01 | 284  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg   | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|------|------|------|-------|----|------|--------|-------------|
| BRW128614 | 0.179 | 2   | 2.47 | 0.017 | 0.88 | 0.1  | 0.01 | 4.8  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW128615 | 0.185 | 0.5 | 2.78 | 0.02  | 0.97 | 0.2  | 0.02 | 5.6  | 0.5  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW128616 | 0.117 | 0.5 | 1.98 | 0.01  | 0.5  | 0.2  | 0.02 | 4.1  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW128617 | 0.142 | 1   | 2.05 | 0.015 | 0.58 | 0.1  | 0.02 | 5.5  | 0.4  | 0.07  | 6  | 0.6  | 1DX15  | WHI10000467 |
| BRW128620 | 0.197 | 0.5 | 2.35 | 0.01  | 1.22 | 0.2  | 0.03 | 10   | 0.4  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000467 |
| BRW128621 | 0.122 | 2   | 1.61 | 0.015 | 0.25 | 0.2  | 0.02 | 5.1  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW130617 | 0.05  | 0.5 | 2.01 | 0.011 | 0.05 | 0.1  | 0.03 | 3.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW130618 | 0.064 | 1   | 1.72 | 0.011 | 0.05 | 0.1  | 0.03 | 4.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW130620 | 0.089 | 2   | 2.09 | 0.028 | 0.09 | 0.1  | 0.06 | 6.7  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW130621 | 0.045 | 1   | 1.43 | 0.015 | 0.16 | 0.1  | 0.04 | 4.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW130622 | 0.05  | 1   | 1.14 | 0.006 | 0.24 | 0.1  | 0.06 | 6.4  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW135623 | 0.067 | 3   | 1.6  | 0.015 | 0.13 | 0.05 | 0.05 | 7    | 0.05 | 0.025 | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW135624 | 0.044 | 2   | 1.14 | 0.01  | 0.23 | 0.05 | 0.02 | 4.1  | 0.2  | 0.025 | 4  | 1.2  | 1DX15  | WHI10000467 |
| BRW135625 | 0.041 | 2   | 1.25 | 0.005 | 0.34 | 0.05 | 0.02 | 4.5  | 0.2  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000467 |
| BRW135626 | 0.043 | 2   | 1.27 | 0.011 | 0.07 | 0.1  | 0.07 | 6.7  | 0.1  | 0.06  | 4  | 0.7  | 1DX15  | WHI10000467 |
| BRW135627 | 0.064 | 0.5 | 1.84 | 0.016 | 0.06 | 0.1  | 0.04 | 5.2  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW135628 | 0.049 | 0.5 | 1.16 | 0.012 | 0.05 | 0.1  | 0.03 | 3    | 0.05 | 0.025 | 3  | 0.6  | 1DX15  | WHI10000467 |
| BRW135629 | 0.061 | 2   | 1.38 | 0.019 | 0.05 | 0.1  | 0.05 | 4.3  | 0.05 | 0.07  | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW135630 | 0.072 | 1   | 1.57 | 0.027 | 0.07 | 0.2  | 0.07 | 5.7  | 0.05 | 0.09  | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW135631 | 0.06  | 2   | 1.49 | 0.013 | 0.1  | 0.2  | 0.05 | 4.3  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000467 |
| BRW135633 | 0.131 | 1   | 1.98 | 0.012 | 0.74 | 0.2  | 0.03 | 6.4  | 0.3  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000467 |
| BRW138064 | 0.052 | 2   | 1.41 | 0.014 | 0.14 | 0.05 | 0.12 | 5.8  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138158 | 0.163 | 2   | 1.94 | 0.015 | 0.28 | 0.1  | 0.02 | 5.2  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW138158 | 0.156 | 1   | 2    | 0.015 | 0.28 | 0.1  | 0.02 | 4.9  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW138168 | 0.058 | 2   | 1.28 | 0.014 | 0.11 | 0.05 | 0.03 | 3.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138169 | 0.221 | 2   | 2.56 | 0.011 | 1.15 | 0.05 | 0.02 | 7.5  | 0.6  | 0.025 | 10 | 0.8  | 1DX15  | WHI10000467 |
| BRW138176 | 0.01  | 3   | 0.88 | 0.006 | 0.17 | 0.05 | 0.14 | 7.1  | 0.1  | 0.025 | 3  | 1.2  | 1DX15  | WHI10000467 |
| BRW138177 | 0.104 | 3   | 2.07 | 0.011 | 0.63 | 0.1  | 0.02 | 17.7 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW138181 | 0.022 | 2   | 1.4  | 0.013 | 0.17 | 0.05 | 0.24 | 4.5  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW138184 | 0.087 | 4   | 1.8  | 0.008 | 0.52 | 0.05 | 0.05 | 6.3  | 0.4  | 0.025 | 6  | 1.1  | 1DX15  | WHI10000467 |
| BRW138187 | 0.032 | 1   | 1.42 | 0.01  | 0.08 | 0.05 | 0.03 | 2.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW138190 | 0.055 | 1   | 1.84 | 0.014 | 0.11 | 0.05 | 0.02 | 2.9  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW138195 | 0.14  | 2   | 2.16 | 0.029 | 0.49 | 0.2  | 0.04 | 5.7  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW138251 | 0.049 | 0.5 | 1.86 | 0.007 | 0.08 | 0.1  | 0.02 | 4    | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW138261 | 0.08  | 0.5 | 1.25 | 0.013 | 0.17 | 0.1  | 0.04 | 5.6  | 0.2  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000467 |
| BRW138262 | 0.058 | 1   | 1.36 | 0.015 | 0.05 | 0.1  | 0.05 | 3.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138263 | 0.064 | 3   | 1.17 | 0.013 | 0.16 | 0.2  | 0.12 | 6.6  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138266 | 0.072 | 0.5 | 2.03 | 0.008 | 0.16 | 0.1  | 0.09 | 7.9  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW138280 | 0.06  | 2   | 1.54 | 0.015 | 0.09 | 0.1  | 0.05 | 4.4  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138450 | 0.033 | 0.5 | 1.43 | 0.01  | 0.05 | 0.1  | 0.03 | 3.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138451 | 0.035 | 1   | 1.34 | 0.013 | 0.06 | 0.1  | 0.07 | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138756 | 0.041 | 2   | 1.61 | 0.017 | 0.12 | 0.1  | 0.08 | 4.6  | 0.1  | 0.05  | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW138757 | 0.05  | 2   | 1.56 | 0.033 | 0.09 | 0.1  | 0.04 | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138758 | 0.033 | 4   | 1.32 | 0.011 | 0.11 | 0.1  | 0.03 | 2.5  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW138759 | 0.058 | 1   | 1.45 | 0.012 | 0.21 | 0.05 | 0.03 | 5.9  | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000467 |
| BRW138760 | 0.063 | 2   | 1.31 | 0.012 | 0.19 | 0.05 | 0.03 | 6    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW138798 | 0.026 | 1   | 1.16 | 0.008 | 0.07 | 0.05 | 0.02 | 2.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138800 | 0.042 | 2   | 1.67 | 0.011 | 0.04 | 0.2  | 0.24 | 8.8  | 1.1  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW138835 | 0.072 | 0.5 | 1.44 | 0.017 | 0.2  | 0.1  | 0.02 | 4.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138837 | 0.023 | 1   | 1.06 | 0.01  | 0.17 | 0.05 | 0.04 | 4.6  | 0.05 | 0.025 | 3  | 0.6  | 1DX15  | WHI10000467 |
| BRW138843 | 0.015 | 0.5 | 1.37 | 0.007 | 0.06 | 0.05 | 0.16 | 10.8 | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000467 |
| BRW138878 | 0.034 | 2   | 0.79 | 0.029 | 0.06 | 0.1  | 0.06 | 3    | 0.05 | 0.025 | 2  | 0.5  | 1DX15  | WHI10000467 |
| BRW138880 | 0.075 | 4   | 1.51 | 0.01  | 0.62 | 0.05 | 0.15 | 10.8 | 1.3  | 0.06  | 6  | 0.7  | 1DX15  | WHI10000467 |
| BRW138882 | 0.011 | 2   | 0.99 | 0.009 | 0.1  | 0.05 | 0.06 | 6.1  | 0.4  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW138883 | 0.05  | 5   | 1.35 | 0.023 | 0.34 | 0.2  | 0.09 | 6.6  | 0.6  | 0.08  | 5  | 0.8  | 1DX15  | WHI10000467 |
| BRW138885 | 0.129 | 1   | 1.64 | 0.014 | 0.43 | 0.1  | 0.06 | 4.7  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW139092 | 0.108 | 2   | 1.79 | 0.014 | 0.74 | 0.1  | 0.06 | 11.1 | 0.8  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW139093 | 0.167 | 0.5 | 2.84 | 0.042 | 1.07 | 0.1  | 0.02 | 4.2  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000467 |
| BRW139094 | 0.061 | 3   | 1.22 | 0.021 | 0.09 | 0.1  | 0.03 | 3.8  | 0.05 | 0.08  | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139095 | 0.151 | 1   | 2.32 | 0.033 | 0.59 | 0.2  | 0.03 | 5.6  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW139096 | 0.088 | 2   | 1.5  | 0.019 | 0.29 | 0.1  | 0.02 | 3.4  | 0.2  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000467 |
| BRW139100 | 0.08  | 2   | 1.39 | 0.02  | 0.1  | 0.1  | 0.03 | 4.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139101 | 0.161 | 1   | 2.03 | 0.019 | 0.59 | 0.1  | 0.04 | 4.6  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|------|------|-----|------|-------|------|
| BRW139102 | Soil | 598230     | 7006701    | 07V      | 1.1  | 46.8 | 12.2 | 86  | 0.3  | 39.5  | 15.7 |
| BRW139201 | Soil | 599116     | 7006377    | 07V      | 1.4  | 18   | 9.4  | 48  | 0.05 | 19.3  | 9.3  |
| BRW139202 | Soil | 599084     | 7006351    | 07V      | 1.5  | 29.4 | 10.6 | 54  | 0.05 | 26.3  | 10.8 |
| BRW139206 | Soil | 598920     | 7006225    | 07V      | 1.3  | 20.3 | 12.2 | 54  | 0.05 | 26.7  | 9.8  |
| BRW139207 | Soil | 598882     | 7006195    | 07V      | 1.3  | 18.1 | 7.8  | 38  | 0.05 | 17.1  | 7.3  |
| BRW139207 | REP  | 598882     | 7006195    | 07V      | 1.5  | 19.3 | 7.5  | 41  | 0.05 | 18.5  | 7.6  |
| BRW139214 | Soil | 598603     | 7005978    | 07V      | 1    | 33.7 | 6    | 94  | 0.05 | 21.8  | 15.3 |
| BRW139227 | Soil | 598920     | 7006858    | 07V      | 1.3  | 15.9 | 19.4 | 72  | 0.1  | 37.5  | 10.4 |
| BRW139229 | Soil | 598839     | 7006796    | 07V      | 7.5  | 23.2 | 15.7 | 59  | 0.2  | 24.6  | 13.6 |
| BRW139230 | Soil | 598800     | 7006766    | 07V      | 2.1  | 36.7 | 13.8 | 79  | 0.2  | 28.2  | 13.5 |
| BRW139232 | Soil | 598721     | 7006704    | 07V      | 1.4  | 30.8 | 11.9 | 74  | 0.2  | 26.8  | 12.8 |
| BRW139233 | Soil | 598683     | 7006674    | 07V      | 2.1  | 55.9 | 13.6 | 96  | 0.2  | 34.7  | 13.3 |
| BRW139250 | Soil | 598021     | 7006156    | 07V      | 2.4  | 24.5 | 5    | 48  | 0.1  | 14.4  | 8.1  |
| BRW139255 | Soil | 597637     | 7007380    | 07V      | 0.9  | 31.5 | 9.8  | 66  | 0.05 | 28.1  | 8.7  |
| BRW139261 | Soil | 597401     | 7007196    | 07V      | 0.5  | 35.1 | 6.5  | 73  | 0.05 | 17.7  | 17.5 |
| BRW139351 | Soil | 598779     | 7006241    | 07V      | 1.3  | 25.5 | 12.5 | 95  | 0.05 | 33.8  | 16.1 |
| BRW139359 | Soil | 598464     | 7005995    | 07V      | 1    | 22.5 | 10.4 | 58  | 0.05 | 18.8  | 9    |
| BRW139361 | Soil | 598385     | 7005934    | 07V      | 2.6  | 38   | 10.6 | 94  | 0.3  | 35.3  | 13.5 |
| BRW139367 | Soil | 598188     | 7005780    | 07V      | 1    | 24.3 | 9.7  | 73  | 0.05 | 23.3  | 11.5 |
| BRW139408 | Soil | 598828     | 7006915    | 07V      | 0.5  | 14.8 | 8    | 77  | 0.1  | 15.7  | 8.1  |
| BRW139411 | Soil | 598712     | 7006822    | 07V      | 1.2  | 19.8 | 10   | 74  | 0.2  | 18.4  | 10.4 |
| BRW139412 | Soil | 598670     | 7006791    | 07V      | 1.1  | 34.9 | 10.8 | 64  | 0.2  | 24    | 10   |
| BRW139413 | Soil | 598631     | 7006761    | 07V      | 1.5  | 24.4 | 9.2  | 66  | 0.1  | 22.6  | 10.5 |
| BRW139416 | Soil | 598513     | 7006668    | 07V      | 1.4  | 32   | 13.2 | 75  | 0.1  | 29.7  | 11.6 |
| BRW139422 | Soil | 598276     | 7006482    | 07V      | 1.1  | 24.4 | 9.9  | 66  | 0.1  | 20.9  | 10.7 |
| BRW139693 | Soil | 598225     | 7006951    | 07V      | 0.9  | 44.1 | 10.7 | 60  | 0.2  | 32.6  | 11.9 |
| BRW139694 | Soil | 598187     | 7006921    | 07V      | 0.8  | 30.8 | 7.9  | 56  | 0.05 | 31.6  | 11.3 |
| BRW139695 | Soil | 598148     | 7006890    | 07V      | 0.7  | 26.6 | 9.1  | 49  | 0.05 | 26    | 9.3  |
| BRW139696 | Soil | 598106     | 7006859    | 07V      | 1.2  | 33.2 | 9.3  | 48  | 0.05 | 33.3  | 12.5 |
| BRW139699 | Soil | 597990     | 7006767    | 07V      | 0.8  | 41.6 | 8.4  | 58  | 0.1  | 34.1  | 11.3 |
| BRW139701 | Soil | 597910     | 7006705    | 07V      | 2.8  | 86.1 | 49.6 | 256 | 0.3  | 34.2  | 13.8 |
| BRW139702 | Soil | 597872     | 7006675    | 07V      | 1.3  | 22.9 | 9.5  | 63  | 0.05 | 19.1  | 8.4  |
| BRW139703 | Soil | 597832     | 7006644    | 07V      | 3.4  | 33.2 | 11.7 | 71  | 0.2  | 21.7  | 9.5  |
| BRW139704 | Soil | 597793     | 7006613    | 07V      | 1.2  | 24.1 | 9.6  | 63  | 0.05 | 22.5  | 8.2  |
| BRW139705 | Soil | 597756     | 7006581    | 07V      | 1.8  | 36.6 | 14   | 84  | 0.2  | 33.1  | 9.8  |
| BRW139706 | Soil | 597713     | 7006551    | 07V      | 1.9  | 20.5 | 10   | 71  | 0.05 | 30.3  | 10.8 |
| BRW139707 | Soil | 597673     | 7006518    | 07V      | 1.7  | 33.1 | 10   | 103 | 0.05 | 46.6  | 12.2 |
| BRW139707 | REP  | 597673     | 7006518    | 07V      | 1.3  | 31   | 10.8 | 105 | 0.05 | 44.7  | 12.2 |
| BRW139708 | Soil | 597673     | 7006518    | 07V      | 1.3  | 19.6 | 9    | 86  | 0.1  | 32.7  | 9.2  |
| BRW139709 | Soil | 597635     | 7006489    | 07V      | 2.1  | 52.4 | 10.2 | 66  | 0.2  | 38.5  | 10.5 |
| BRW139710 | Soil | 597573     | 7006567    | 07V      | 1.5  | 36.4 | 8    | 106 | 0.05 | 27    | 11.3 |
| BRW139711 | Soil | 597613     | 7006596    | 07V      | 1.5  | 32.1 | 9.4  | 62  | 0.1  | 33    | 11.2 |
| BRW139712 | Soil | 597655     | 7006629    | 07V      | 1.7  | 32.1 | 13.9 | 59  | 0.1  | 22.5  | 10.3 |
| BRW139713 | Soil | 597693     | 7006659    | 07V      | 2.1  | 41.9 | 27.7 | 75  | 0.2  | 30    | 10.6 |
| BRW139714 | Soil | 597732     | 7006691    | 07V      | 5.4  | 37.8 | 19.9 | 151 | 0.2  | 32.8  | 6.8  |
| BRW139715 | Soil | 597774     | 7006717    | 07V      | 1.7  | 38.2 | 11.9 | 95  | 0.2  | 83.8  | 23.5 |
| BRW139716 | Soil | 597812     | 7006751    | 07V      | 1.5  | 35.3 | 14.1 | 80  | 0.2  | 31.1  | 13   |
| BRW139717 | Soil | 597812     | 7006751    | 07V      | 1.3  | 36.2 | 13.6 | 82  | 0.2  | 31    | 13.8 |
| BRW139720 | Soil | 597927     | 7006845    | 07V      | 0.5  | 25.7 | 9.8  | 44  | 0.2  | 30.4  | 8.7  |
| BRW139722 | Soil | 598007     | 7006905    | 07V      | 0.9  | 29.6 | 10.4 | 57  | 0.05 | 45.4  | 21.4 |
| BRW139723 | Soil | 598047     | 7006938    | 07V      | 0.9  | 17.6 | 10.2 | 49  | 0.05 | 21.2  | 10.4 |
| BRW139725 | Soil | 598126     | 7006999    | 07V      | 1    | 36.8 | 9.4  | 54  | 0.05 | 33.6  | 11.3 |
| BRW140119 | Soil | 597773     | 7005015    | 07V      | 1.5  | 69.9 | 12.3 | 59  | 0.1  | 349.5 | 54.6 |
| BRW140123 | Soil | 597852     | 7005075    | 07V      | 1.3  | 31.7 | 5.2  | 58  | 0.05 | 35.3  | 23.7 |
| BRW140125 | Soil | 597892     | 7005108    | 07V      | 0.9  | 64.6 | 4.7  | 74  | 0.05 | 111.4 | 27.8 |
| BRW140126 | Soil | 597911     | 7005122    | 07V      | 1.2  | 25.1 | 8.3  | 71  | 0.05 | 36.4  | 12.3 |
| BRW140127 | Soil | 597652     | 7005047    | 07V      | 9.7  | 63.7 | 9.6  | 124 | 0.1  | 55.4  | 16.5 |
| BRW140129 | Soil | 597690     | 7005077    | 07V      | 1    | 35.2 | 11.5 | 69  | 0.05 | 148.7 | 32.6 |
| BRW140133 | Soil | 597750     | 7005125    | 07V      | 55.8 | 49.3 | 24.5 | 147 | 0.3  | 46.5  | 18.8 |
| BRW140135 | Soil | 597789     | 7005154    | 07V      | 1.7  | 35.2 | 5.4  | 60  | 0.05 | 45.1  | 14.3 |
| BRW140136 | Soil | 597808     | 7005169    | 07V      | 1.7  | 25.5 | 9.4  | 47  | 0.05 | 21.6  | 9.6  |
| BRW140137 | Soil | 597827     | 7005184    | 07V      | 5.6  | 33.7 | 36.3 | 75  | 0.05 | 34.1  | 10.6 |
| BRW140139 | Soil | 597970     | 7005043    | 07V      | 1.1  | 32.1 | 8.1  | 69  | 0.05 | 34.4  | 12.2 |

| SampleID  | Mn   | Fe   | As_   | U   | Au   | Th   | Sr | Cd   | Sb  | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba  |
|-----------|------|------|-------|-----|------|------|----|------|-----|------|-----|------|-------|-----|-----|------|-----|
| BRW139102 | 471  | 3.62 | 8.9   | 1   | 5.5  | 9.8  | 42 | 0.1  | 0.7 | 0.2  | 54  | 1.47 | 0.046 | 41  | 42  | 1.07 | 296 |
| BRW139201 | 248  | 2.54 | 8.4   | 0.5 | 5.2  | 3.5  | 18 | 0.05 | 0.6 | 0.2  | 48  | 0.19 | 0.03  | 10  | 28  | 0.4  | 191 |
| BRW139202 | 305  | 2.68 | 9.2   | 1.6 | 9.5  | 4.7  | 30 | 0.05 | 0.8 | 0.2  | 55  | 0.33 | 0.024 | 15  | 39  | 0.46 | 278 |
| BRW139206 | 297  | 2.48 | 9.3   | 0.8 | 3.8  | 3.3  | 24 | 0.1  | 1   | 0.2  | 53  | 0.23 | 0.03  | 12  | 45  | 0.43 | 223 |
| BRW139207 | 201  | 2.15 | 7     | 0.8 | 1.8  | 3    | 16 | 0.05 | 1.3 | 0.2  | 43  | 0.21 | 0.017 | 11  | 27  | 0.36 | 184 |
| BRW139207 | 229  | 2.33 | 7.4   | 0.8 | 2.4  | 3.2  | 16 | 0.05 | 1.2 | 0.2  | 46  | 0.21 | 0.017 | 11  | 29  | 0.36 | 176 |
| BRW139214 | 518  | 5.59 | 12.7  | 1.3 | 3.6  | 10.5 | 15 | 0.05 | 0.6 | 0.1  | 77  | 0.48 | 0.062 | 33  | 74  | 1.71 | 349 |
| BRW139227 | 309  | 2.74 | 25.8  | 0.8 | 2.8  | 3.7  | 19 | 0.2  | 0.9 | 0.2  | 40  | 0.41 | 0.047 | 10  | 37  | 0.33 | 408 |
| BRW139229 | 326  | 2.68 | 21.1  | 1.3 | 11.8 | 5.4  | 15 | 0.05 | 1.5 | 0.2  | 33  | 0.11 | 0.025 | 16  | 28  | 0.22 | 263 |
| BRW139230 | 509  | 3.26 | 17.3  | 1   | 5.2  | 4.3  | 22 | 0.2  | 1   | 0.2  | 49  | 0.7  | 0.045 | 14  | 38  | 0.48 | 385 |
| BRW139232 | 586  | 3.25 | 8.9   | 1.6 | 3.8  | 5.1  | 35 | 0.2  | 0.6 | 0.1  | 55  | 1.27 | 0.054 | 23  | 46  | 0.8  | 542 |
| BRW139233 | 591  | 3.33 | 12.7  | 1.7 | 12   | 8.6  | 32 | 0.3  | 0.9 | 0.2  | 52  | 0.8  | 0.062 | 34  | 44  | 0.89 | 382 |
| BRW139250 | 440  | 2.35 | 4.3   | 0.7 | 20.7 | 3.6  | 38 | 0.1  | 0.9 | 0.05 | 25  | 1.73 | 0.091 | 14  | 16  | 0.62 | 463 |
| BRW139255 | 222  | 2.74 | 9.1   | 1.6 | 2.5  | 5.9  | 21 | 0.05 | 0.6 | 0.2  | 52  | 0.28 | 0.036 | 19  | 34  | 0.5  | 259 |
| BRW139261 | 732  | 5.29 | 2.2   | 0.5 | 0.6  | 6.8  | 22 | 0.05 | 0.2 | 0.1  | 112 | 0.48 | 0.073 | 31  | 40  | 2.01 | 385 |
| BRW139351 | 527  | 3.87 | 8.8   | 0.8 | 2.1  | 3.4  | 21 | 0.05 | 0.4 | 0.2  | 95  | 0.49 | 0.029 | 12  | 118 | 1.73 | 253 |
| BRW139359 | 270  | 2.39 | 15.1  | 1   | 3.5  | 5.1  | 20 | 0.1  | 0.9 | 0.2  | 50  | 0.19 | 0.028 | 14  | 29  | 0.43 | 289 |
| BRW139361 | 601  | 3.65 | 16    | 1.2 | 31.6 | 6    | 29 | 0.3  | 3.2 | 0.05 | 62  | 0.75 | 0.084 | 25  | 44  | 0.54 | 523 |
| BRW139367 | 529  | 2.73 | 9.2   | 1.2 | 3    | 7.4  | 30 | 0.2  | 0.3 | 0.1  | 50  | 0.54 | 0.07  | 28  | 32  | 0.65 | 264 |
| BRW139408 | 296  | 2.07 | 8.4   | 0.6 | 2.9  | 1.9  | 43 | 0.1  | 0.6 | 0.1  | 39  | 0.99 | 0.066 | 8   | 24  | 0.57 | 259 |
| BRW139411 | 574  | 2.39 | 10.3  | 1.7 | 1.2  | 4.1  | 45 | 0.2  | 0.6 | 0.1  | 42  | 1.6  | 0.056 | 12  | 32  | 0.57 | 422 |
| BRW139412 | 343  | 2.52 | 9.5   | 1.8 | 4.3  | 5    | 37 | 0.2  | 0.8 | 0.2  | 46  | 1.14 | 0.054 | 18  | 32  | 0.58 | 315 |
| BRW139413 | 618  | 2.52 | 8.1   | 1.3 | 1.5  | 3.6  | 43 | 0.1  | 0.6 | 0.1  | 44  | 1.32 | 0.047 | 14  | 37  | 0.6  | 392 |
| BRW139416 | 544  | 2.63 | 15.2  | 1.4 | 2.7  | 5.1  | 38 | 0.3  | 0.8 | 0.1  | 43  | 1.37 | 0.068 | 24  | 46  | 0.74 | 308 |
| BRW139422 | 544  | 2.23 | 7.5   | 1.2 | 8.4  | 3.9  | 31 | 0.2  | 0.9 | 0.1  | 45  | 0.9  | 0.078 | 15  | 28  | 0.53 | 289 |
| BRW139693 | 425  | 2.58 | 10.3  | 0.6 | 5.2  | 3.4  | 81 | 0.1  | 0.8 | 0.2  | 53  | 4.04 | 0.05  | 14  | 32  | 0.68 | 304 |
| BRW139694 | 271  | 2.9  | 8.7   | 2.4 | 3.2  | 5.2  | 25 | 0.05 | 0.6 | 0.1  | 52  | 0.43 | 0.041 | 19  | 40  | 0.53 | 332 |
| BRW139695 | 311  | 2.66 | 12.5  | 0.8 | 2.1  | 4.8  | 29 | 0.05 | 0.7 | 0.2  | 54  | 0.31 | 0.024 | 15  | 38  | 0.5  | 196 |
| BRW139696 | 403  | 2.73 | 15.7  | 0.7 | 2.5  | 4.4  | 25 | 0.05 | 0.9 | 0.2  | 57  | 0.36 | 0.018 | 15  | 37  | 0.43 | 274 |
| BRW139699 | 431  | 2.66 | 11.2  | 0.6 | 3.2  | 3    | 84 | 0.2  | 0.8 | 0.1  | 57  | 2.93 | 0.057 | 12  | 36  | 0.71 | 286 |
| BRW139701 | 1531 | 4.26 | 117.6 | 1.2 | 4.9  | 8.2  | 22 | 1    | 3.8 | 0.3  | 57  | 0.48 | 0.073 | 22  | 27  | 0.65 | 500 |
| BRW139702 | 308  | 2.56 | 14.2  | 0.7 | 4.9  | 4.1  | 22 | 0.1  | 1.1 | 0.2  | 55  | 0.26 | 0.037 | 14  | 29  | 0.43 | 277 |
| BRW139703 | 521  | 2.77 | 18.9  | 0.9 | 4.8  | 3.6  | 19 | 0.2  | 1.5 | 0.2  | 52  | 0.35 | 0.058 | 14  | 21  | 0.31 | 253 |
| BRW139704 | 305  | 2.71 | 18.5  | 0.6 | 5.8  | 4.4  | 21 | 0.2  | 1.4 | 0.2  | 57  | 0.22 | 0.026 | 14  | 32  | 0.41 | 237 |
| BRW139705 | 668  | 3.25 | 33.1  | 0.9 | 1.9  | 4.7  | 22 | 0.2  | 4.1 | 0.2  | 58  | 0.24 | 0.048 | 15  | 27  | 0.37 | 240 |
| BRW139706 | 1363 | 3    | 20    | 0.6 | 3.8  | 2.2  | 14 | 0.2  | 1.4 | 0.2  | 50  | 0.16 | 0.04  | 10  | 27  | 0.38 | 248 |
| BRW139707 | 577  | 3.38 | 11.8  | 1.6 | 1.9  | 10   | 20 | 0.05 | 0.7 | 0.1  | 53  | 0.24 | 0.03  | 32  | 41  | 0.59 | 240 |
| BRW139707 | 539  | 3.45 | 11.2  | 1.6 | 1.6  | 10.1 | 20 | 0.1  | 0.7 | 0.1  | 50  | 0.23 | 0.03  | 32  | 38  | 0.57 | 246 |
| BRW139708 | 475  | 2.99 | 8.6   | 1   | 2.3  | 7.2  | 18 | 0.05 | 0.6 | 0.1  | 44  | 0.23 | 0.026 | 21  | 33  | 0.53 | 211 |
| BRW139709 | 616  | 3.04 | 18.6  | 1.1 | 3.7  | 5    | 23 | 0.1  | 1.3 | 0.2  | 54  | 0.34 | 0.031 | 18  | 34  | 0.55 | 239 |
| BRW139710 | 585  | 3.1  | 14.8  | 0.6 | 2.1  | 4.3  | 14 | 0.2  | 0.6 | 0.2  | 56  | 0.17 | 0.048 | 13  | 54  | 0.88 | 303 |
| BRW139711 | 373  | 3.06 | 14.7  | 0.6 | 1    | 3.2  | 17 | 0.05 | 1   | 0.2  | 65  | 0.15 | 0.029 | 10  | 40  | 0.68 | 278 |
| BRW139712 | 353  | 2.87 | 22.5  | 0.7 | 0.25 | 3.1  | 20 | 0.2  | 1.3 | 0.2  | 65  | 0.2  | 0.076 | 11  | 30  | 0.38 | 299 |
| BRW139713 | 964  | 2.46 | 27.2  | 1   | 2.4  | 3.6  | 15 | 0.4  | 2.3 | 0.2  | 55  | 0.14 | 0.046 | 11  | 27  | 0.32 | 243 |
| BRW139714 | 286  | 2.65 | 28.4  | 0.9 | 9.8  | 3.1  | 23 | 0.5  | 2.8 | 0.2  | 52  | 0.24 | 0.077 | 13  | 22  | 0.25 | 226 |
| BRW139715 | 1158 | 4.35 | 10.3  | 1.2 | 3.8  | 6.7  | 32 | 0.3  | 0.8 | 0.2  | 79  | 0.68 | 0.146 | 16  | 168 | 1.57 | 406 |
| BRW139716 | 668  | 2.93 | 13.6  | 1.3 | 6.2  | 4.6  | 26 | 0.3  | 1.1 | 0.2  | 59  | 0.81 | 0.065 | 16  | 44  | 0.69 | 386 |
| BRW139717 | 700  | 3.13 | 13.5  | 1.2 | 7.9  | 4.6  | 24 | 0.3  | 1   | 0.2  | 64  | 0.82 | 0.071 | 15  | 50  | 0.83 | 363 |
| BRW139720 | 354  | 2.19 | 10.6  | 0.5 | 2    | 2    | 58 | 0.4  | 0.6 | 0.2  | 42  | 7.43 | 0.066 | 11  | 28  | 1.26 | 205 |
| BRW139722 | 641  | 2.51 | 30.4  | 1.3 | 5.5  | 4.3  | 20 | 0.05 | 1.3 | 0.1  | 40  | 0.23 | 0.025 | 12  | 24  | 0.21 | 165 |
| BRW139723 | 575  | 2.37 | 7.4   | 0.6 | 2.5  | 3.6  | 31 | 0.05 | 0.6 | 0.2  | 50  | 0.38 | 0.036 | 10  | 28  | 0.42 | 375 |
| BRW139725 | 393  | 2.78 | 12.4  | 0.8 | 4.4  | 4.3  | 27 | 0.1  | 0.8 | 0.2  | 59  | 0.53 | 0.032 | 13  | 37  | 0.51 | 256 |
| BRW140119 | 734  | 4.78 | 4.8   | 0.3 | 2.1  | 0.9  | 81 | 0.05 | 0.1 | 0.1  | 88  | 3.86 | 0.036 | 4   | 619 | 3.41 | 246 |
| BRW140123 | 439  | 4.34 | 2.9   | 0.6 | 1.7  | 10.5 | 14 | 0.05 | 0.2 | 0.05 | 82  | 0.23 | 0.061 | 15  | 23  | 1.11 | 236 |
| BRW140125 | 581  | 4.64 | 2.3   | 1.5 | 2.2  | 12.8 | 31 | 0.05 | 0.1 | 0.05 | 65  | 0.55 | 0.084 | 106 | 168 | 2.19 | 303 |
| BRW140126 | 395  | 3.49 | 6.9   | 0.5 | 1.8  | 7.1  | 18 | 0.1  | 0.5 | 0.1  | 70  | 0.19 | 0.027 | 11  | 54  | 0.75 | 247 |
| BRW140127 | 414  | 3.38 | 33.8  | 1.2 | 6.7  | 5.7  | 27 | 0.4  | 0.6 | 0.05 | 74  | 0.19 | 0.051 | 18  | 42  | 0.35 | 216 |
| BRW140129 | 582  | 3.31 | 7.6   | 0.4 | 1.6  | 2.3  | 19 | 0.2  | 0.3 | 0.1  | 56  | 1.85 | 0.024 | 7   | 336 | 2    | 277 |
| BRW140133 | 925  | 5.77 | 31.2  | 0.9 | 730  | 17.6 | 16 | 0.3  | 1.6 | 0.05 | 53  | 0.39 | 0.041 | 39  | 30  | 0.29 | 325 |
| BRW140135 | 310  | 3.82 | 3.2   | 1   | 2.4  | 12   | 19 | 0.05 | 0.2 | 0.05 | 54  | 0.23 | 0.026 | 40  | 67  | 1.12 | 214 |
| BRW140136 | 224  | 2.86 | 7.6   | 0.9 | 2    | 4.6  | 21 | 0.05 | 0.4 | 0.1  | 68  | 0.22 | 0.022 | 14  | 38  | 0.53 | 228 |
| BRW140137 | 363  | 3.61 | 54.4  | 1.4 | 7.9  | 10.3 | 19 | 0.1  | 1.8 | 0.05 | 50  | 0.3  | 0.039 | 30  | 41  | 0.72 | 249 |
| BRW140139 | 690  | 3.67 | 5.7   | 0.7 | 3    | 15.4 | 20 | 0.05 | 0.3 | 0.1  | 43  | 0.32 | 0.047 | 21  | 41  | 0.92 | 245 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW139102 | 0.152 | 2   | 1.91 | 0.021 | 0.57 | 0.1  | 0.05  | 4.3  | 0.3  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000467 |
| BRW139201 | 0.059 | 2   | 1.57 | 0.012 | 0.06 | 0.2  | 0.02  | 3.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW139202 | 0.076 | 1   | 1.74 | 0.02  | 0.06 | 0.05 | 0.09  | 6.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW139206 | 0.062 | 2   | 1.75 | 0.015 | 0.07 | 0.1  | 0.04  | 3.7  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW139207 | 0.048 | 1   | 1.39 | 0.012 | 0.05 | 0.1  | 0.03  | 3.9  | 0.05 | 0.14  | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139207 | 0.05  | 2   | 1.4  | 0.011 | 0.04 | 0.1  | 0.03  | 4    | 0.05 | 0.11  | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139214 | 0.203 | 1   | 3.12 | 0.019 | 1.28 | 0.1  | 0.02  | 13.1 | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000467 |
| BRW139227 | 0.03  | 1   | 1    | 0.015 | 0.06 | 0.1  | 0.05  | 3.9  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW139229 | 0.015 | 1   | 0.79 | 0.008 | 0.07 | 0.05 | 0.06  | 3.9  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000467 |
| BRW139230 | 0.031 | 2   | 1.1  | 0.012 | 0.14 | 0.05 | 0.1   | 10.7 | 0.3  | 0.025 | 3  | 0.8  | 1DX15  | WHI10000467 |
| BRW139232 | 0.091 | 3   | 1.65 | 0.017 | 0.22 | 0.1  | 0.07  | 7.1  | 0.2  | 0.06  | 5  | 0.9  | 1DX15  | WHI10000467 |
| BRW139233 | 0.11  | 2   | 1.75 | 0.021 | 0.35 | 0.05 | 0.06  | 5.7  | 0.2  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000467 |
| BRW139250 | 0.011 | 3   | 0.92 | 0.012 | 0.18 | 0.05 | 0.04  | 4.9  | 0.05 | 0.025 | 3  | 0.7  | 1DX15  | WHI10000467 |
| BRW139255 | 0.077 | 0.5 | 1.52 | 0.013 | 0.13 | 0.05 | 0.03  | 4.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW139261 | 0.117 | 0.5 | 3.07 | 0.011 | 0.46 | 0.05 | 0.02  | 10.9 | 0.2  | 0.025 | 12 | 0.8  | 1DX15  | WHI10000467 |
| BRW139351 | 0.186 | 2   | 2.43 | 0.013 | 0.5  | 0.1  | 0.02  | 6.3  | 0.3  | 0.06  | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW139359 | 0.078 | 3   | 1.24 | 0.011 | 0.07 | 0.1  | 0.03  | 3.5  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139361 | 0.067 | 2   | 1.3  | 0.012 | 0.31 | 0.05 | 0.14  | 10.6 | 0.3  | 0.09  | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW139367 | 0.094 | 1   | 1.45 | 0.02  | 0.24 | 0.1  | 0.03  | 4.7  | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000467 |
| BRW139408 | 0.054 | 3   | 1.19 | 0.026 | 0.06 | 0.2  | 0.06  | 3.1  | 0.05 | 0.21  | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139411 | 0.059 | 3   | 1.32 | 0.016 | 0.19 | 0.1  | 0.09  | 5    | 0.2  | 0.06  | 4  | 1.6  | 1DX15  | WHI10000467 |
| BRW139412 | 0.072 | 3   | 1.38 | 0.02  | 0.18 | 0.1  | 0.07  | 5.2  | 0.1  | 0.06  | 4  | 1    | 1DX15  | WHI10000467 |
| BRW139413 | 0.063 | 2   | 1.28 | 0.017 | 0.14 | 0.1  | 0.07  | 4    | 0.2  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000467 |
| BRW139416 | 0.073 | 3   | 1.3  | 0.017 | 0.3  | 0.05 | 0.07  | 5.1  | 0.2  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000467 |
| BRW139422 | 0.067 | 2   | 1.14 | 0.019 | 0.15 | 0.2  | 0.06  | 3.8  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000467 |
| BRW139693 | 0.075 | 2   | 1.36 | 0.027 | 0.06 | 0.2  | 0.08  | 3.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139694 | 0.083 | 2   | 1.51 | 0.014 | 0.2  | 0.1  | 0.02  | 4.5  | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000467 |
| BRW139695 | 0.085 | 1   | 1.29 | 0.019 | 0.07 | 0.1  | 0.04  | 5.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139696 | 0.068 | 1   | 1.46 | 0.015 | 0.08 | 0.1  | 0.04  | 5.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139699 | 0.079 | 4   | 1.33 | 0.027 | 0.11 | 0.1  | 0.08  | 4    | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000467 |
| BRW139701 | 0.089 | 3   | 1.49 | 0.012 | 0.39 | 0.1  | 0.09  | 8.6  | 0.3  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000467 |
| BRW139702 | 0.07  | 2   | 1.39 | 0.012 | 0.09 | 0.1  | 0.03  | 3.2  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000467 |
| BRW139703 | 0.058 | 0.5 | 1.07 | 0.012 | 0.11 | 0.1  | 0.03  | 3.3  | 0.1  | 0.08  | 4  | 0.5  | 1DX15  | WHI10000467 |
| BRW139704 | 0.069 | 1   | 1.46 | 0.016 | 0.09 | 0.05 | 0.04  | 3.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW139705 | 0.052 | 1   | 1.38 | 0.007 | 0.13 | 0.05 | 0.04  | 3.5  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW139706 | 0.049 | 1   | 1.53 | 0.008 | 0.13 | 0.1  | 0.03  | 2.3  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW139707 | 0.114 | 2   | 1.76 | 0.009 | 0.45 | 0.05 | 0.02  | 4.8  | 0.3  | 0.025 | 6  | 1    | 1DX15  | WHI10000467 |
| BRW139707 | 0.105 | 2   | 1.68 | 0.01  | 0.43 | 0.05 | 0.02  | 4.6  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW139708 | 0.084 | 0.5 | 1.55 | 0.008 | 0.33 | 0.1  | 0.02  | 3.3  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000467 |
| BRW139709 | 0.069 | 1   | 1.6  | 0.018 | 0.13 | 0.1  | 0.06  | 5.4  | 0.1  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW139710 | 0.088 | 0.5 | 1.91 | 0.009 | 0.34 | 0.05 | 0.01  | 2.5  | 0.2  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000467 |
| BRW139711 | 0.072 | 1   | 1.79 | 0.009 | 0.15 | 0.05 | 0.02  | 3.1  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW139712 | 0.052 | 1   | 1.65 | 0.009 | 0.07 | 0.1  | 0.02  | 2.9  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW139713 | 0.04  | 0.5 | 1.27 | 0.007 | 0.06 | 0.05 | 0.04  | 2.9  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000467 |
| BRW139714 | 0.04  | 1   | 0.94 | 0.007 | 0.07 | 0.1  | 0.05  | 2.5  | 0.1  | 0.025 | 3  | 0.8  | 1DX15  | WHI10000467 |
| BRW139715 | 0.129 | 0.5 | 2.46 | 0.015 | 0.92 | 0.1  | 0.03  | 10   | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW139716 | 0.08  | 2   | 1.48 | 0.016 | 0.28 | 0.1  | 0.06  | 6.2  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW139717 | 0.095 | 2   | 1.59 | 0.015 | 0.37 | 0.2  | 0.07  | 6.5  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW139720 | 0.036 | 4   | 1.34 | 0.016 | 0.12 | 0.1  | 0.03  | 3.5  | 0.05 | 0.06  | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139722 | 0.024 | 2   | 1.01 | 0.01  | 0.07 | 0.05 | 0.18  | 5.5  | 0.4  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW139723 | 0.053 | 1   | 1.5  | 0.016 | 0.07 | 0.1  | 0.02  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW139725 | 0.071 | 2   | 1.42 | 0.021 | 0.08 | 0.1  | 0.05  | 4.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140119 | 0.037 | 2   | 2.15 | 0.012 | 0.08 | 0.05 | 0.02  | 11.7 | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW140123 | 0.064 | 0.5 | 3.02 | 0.009 | 0.49 | 0.05 | 0.005 | 4.8  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW140125 | 0.159 | 0.5 | 3.78 | 0.014 | 1.09 | 0.05 | 0.005 | 5.5  | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000467 |
| BRW140126 | 0.087 | 0.5 | 2.57 | 0.016 | 0.19 | 0.05 | 0.01  | 4.5  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW140127 | 0.052 | 0.5 | 1.09 | 0.007 | 0.06 | 0.05 | 0.03  | 5    | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140129 | 0.044 | 2   | 1.93 | 0.009 | 0.11 | 0.05 | 0.03  | 6.2  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW140133 | 0.018 | 2   | 0.99 | 0.006 | 0.26 | 0.05 | 0.07  | 11.2 | 0.3  | 0.025 | 3  | 0.5  | 1DX15  | WHI10000467 |
| BRW140135 | 0.078 | 0.5 | 2.54 | 0.009 | 0.26 | 0.05 | 0.005 | 3.2  | 0.2  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000467 |
| BRW140136 | 0.079 | 1   | 1.96 | 0.012 | 0.12 | 0.05 | 0.005 | 3.3  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW140137 | 0.065 | 1   | 1.87 | 0.008 | 0.28 | 0.05 | 0.03  | 5.5  | 0.2  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000467 |
| BRW140139 | 0.133 | 2   | 2.42 | 0.009 | 0.87 | 0.05 | 0.005 | 3.7  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW140140 | Soil | 597952     | 7005028    | 07V      | 3.5  | 61.7  | 5    | 82  | 0.05 | 48.4  | 16.5 |
| BRW140141 | Soil | 597931     | 7005011    | 07V      | 1.5  | 29    | 6.5  | 72  | 0.05 | 42.2  | 13.4 |
| BRW140246 | Soil | 599554     | 7006022    | 07V      | 2.9  | 41.7  | 14.1 | 116 | 0.05 | 42.3  | 10.6 |
| BRW140247 | Soil | 599574     | 7006038    | 07V      | 2.8  | 103.3 | 13   | 131 | 0.2  | 68.1  | 12.9 |
| BRW140248 | Soil | 599593     | 7006054    | 07V      | 3.9  | 69.4  | 34.2 | 110 | 0.1  | 47.5  | 16.5 |
| BRW140248 | REP  | 599593     | 7006054    | 07V      | 3.7  | 70.2  | 33.5 | 112 | 0.1  | 45.7  | 16.4 |
| BRW140252 | Soil | 599414     | 7006039    | 07V      | 1.1  | 16.6  | 7.7  | 62  | 0.05 | 38.8  | 10.7 |
| BRW140253 | Soil | 599434     | 7006054    | 07V      | 1    | 26.8  | 28.1 | 70  | 0.2  | 30.2  | 4.5  |
| BRW140254 | Soil | 599434     | 7006054    | 07V      | 1.1  | 26.3  | 28.6 | 69  | 0.1  | 30.5  | 4.6  |
| BRW140255 | Soil | 599453     | 7006071    | 07V      | 2.9  | 42    | 61   | 84  | 0.2  | 22.3  | 10   |
| BRW140256 | Soil | 599474     | 7006085    | 07V      | 1.5  | 15.1  | 12.9 | 36  | 0.2  | 21.3  | 10.6 |
| BRW140256 | REP  | 599474     | 7006085    | 07V      | 1.6  | 15.6  | 12.7 | 36  | 0.3  | 21.3  | 10.8 |
| BRW140259 | Soil | 599532     | 7006134    | 07V      | 0.8  | 27.4  | 9    | 52  | 0.1  | 25.9  | 8.8  |
| BRW140262 | Soil | 599590     | 7006178    | 07V      | 4.5  | 39.6  | 21.8 | 113 | 0.4  | 29.6  | 10   |
| BRW140265 | Soil | 597749     | 7005249    | 07V      | 2.4  | 32.9  | 7.6  | 67  | 0.05 | 35.8  | 14.1 |
| BRW140312 | Soil | 597492     | 7005048    | 07V      | 1.5  | 39.2  | 9    | 59  | 0.2  | 46.6  | 20.7 |
| BRW140312 | REP  | 597492     | 7005048    | 07V      | 1.4  | 40.1  | 8.7  | 61  | 0.2  | 45.8  | 20.5 |
| BRW140313 | Soil | 597492     | 7005048    | 07V      | 1.2  | 35.9  | 8.3  | 54  | 0.2  | 39.1  | 18.7 |
| BRW140314 | Soil | 597472     | 7005033    | 07V      | 58.9 | 51.9  | 25.6 | 92  | 0.05 | 42.3  | 23.3 |
| BRW140315 | Soil | 597453     | 7005017    | 07V      | 4.1  | 51.1  | 22.1 | 192 | 0.05 | 11.7  | 15.7 |
| BRW140316 | Soil | 597433     | 7005002    | 07V      | 1.8  | 33.6  | 18.1 | 89  | 0.05 | 36.6  | 15.5 |
| BRW140317 | Soil | 597413     | 7004986    | 07V      | 2.5  | 36    | 31.7 | 105 | 0.05 | 50.9  | 14.5 |
| BRW140318 | Soil | 597393     | 7004971    | 07V      | 0.9  | 41.4  | 16.1 | 98  | 0.05 | 41.8  | 17   |
| BRW140319 | Soil | 597454     | 7004893    | 07V      | 1    | 38.4  | 18.7 | 102 | 0.05 | 23.4  | 10.5 |
| BRW140320 | Soil | 597473     | 7004908    | 07V      | 3.3  | 53    | 17.1 | 169 | 0.05 | 57.3  | 15.4 |
| BRW140321 | Soil | 597493     | 7004923    | 07V      | 1.6  | 74.3  | 13.2 | 89  | 0.05 | 30.4  | 14.7 |
| BRW140322 | Soil | 597512     | 7004939    | 07V      | 13.8 | 68.1  | 28.9 | 195 | 0.1  | 37    | 16.1 |
| BRW140323 | Soil | 597534     | 7004955    | 07V      | 18.5 | 33.8  | 15.5 | 103 | 0.1  | 18.7  | 7.7  |
| BRW140324 | Soil | 597552     | 7004970    | 07V      | 2.2  | 37.2  | 40.9 | 81  | 0.1  | 31.4  | 10.4 |
| BRW140325 | Soil | 597572     | 7004984    | 07V      | 1.6  | 67.8  | 3.1  | 52  | 0.05 | 83.9  | 24.6 |
| BRW140326 | Soil | 597593     | 7004999    | 07V      | 4.4  | 152.1 | 11.1 | 77  | 0.2  | 256.8 | 44.8 |
| BRW140328 | Soil | 597631     | 7005032    | 07V      | 2.1  | 42.8  | 10   | 83  | 0.05 | 49.2  | 13.6 |
| BRW140432 | Soil | 597817     | 7004795    | 07V      | 6.4  | 44.7  | 13.5 | 116 | 0.05 | 50.5  | 14.7 |
| BRW140433 | Soil | 597798     | 7004780    | 07V      | 2    | 71.3  | 8.2  | 97  | 0.05 | 28.4  | 16.8 |
| BRW140434 | Soil | 597778     | 7004764    | 07V      | 1.5  | 57.7  | 11.7 | 192 | 0.1  | 29.1  | 16.4 |
| BRW140435 | Soil | 597757     | 7004750    | 07V      | 4.1  | 54.4  | 18.6 | 137 | 0.05 | 36.2  | 15.3 |
| BRW140436 | Soil | 597739     | 7004734    | 07V      | 4.5  | 42.7  | 17.2 | 113 | 0.05 | 28.5  | 12.2 |
| BRW140437 | Soil | 597717     | 7004717    | 07V      | 1.4  | 32.7  | 8    | 54  | 0.1  | 26.8  | 9.8  |
| BRW140438 | Soil | 597698     | 7004703    | 07V      | 2.3  | 49.6  | 14.7 | 95  | 0.05 | 31.6  | 8.3  |
| BRW140438 | REP  | 597698     | 7004703    | 07V      | 2.5  | 50.7  | 14.6 | 98  | 0.05 | 31.5  | 8.3  |
| BRW140440 | Soil | 597658     | 7004672    | 07V      | 0.6  | 36.2  | 5    | 53  | 0.05 | 47.1  | 16.9 |
| BRW140442 | Soil | 597577     | 7004733    | 07V      | 1.4  | 37.9  | 7.8  | 65  | 0.05 | 39.7  | 13.1 |
| BRW140443 | Soil | 597596     | 7004749    | 07V      | 1.3  | 36.9  | 28.3 | 286 | 0.05 | 29.2  | 10.2 |
| BRW140452 | Soil | 597774     | 7004889    | 07V      | 2.5  | 51.7  | 9.1  | 102 | 0.1  | 58.1  | 14.4 |
| BRW140501 | Soil | 597270     | 7005130    | 07V      | 1.4  | 32.6  | 11.3 | 62  | 0.05 | 32.1  | 11.4 |
| BRW140502 | Soil | 597289     | 7005143    | 07V      | 1.5  | 27.4  | 8    | 67  | 0.05 | 40.4  | 13.8 |
| BRW140503 | Soil | 597309     | 7005159    | 07V      | 3.4  | 34    | 11.6 | 98  | 0.05 | 57.6  | 12.9 |
| BRW140504 | Soil | 597329     | 7005174    | 07V      | 4.3  | 70.3  | 8.7  | 110 | 0.05 | 40.5  | 15.5 |
| BRW140505 | Soil | 597348     | 7005190    | 07V      | 2.5  | 37.7  | 8.2  | 86  | 0.05 | 38    | 12.9 |
| BRW140506 | Soil | 597368     | 7005206    | 07V      | 3.3  | 26.2  | 10.1 | 61  | 0.1  | 24.7  | 9.7  |
| BRW140508 | Soil | 597407     | 7005237    | 07V      | 1.4  | 26    | 8.1  | 59  | 0.05 | 28.6  | 10.4 |
| BRW140513 | Soil | 597209     | 7005208    | 07V      | 1.7  | 24    | 11.4 | 61  | 0.05 | 28.1  | 11.9 |
| BRW140515 | Soil | 597246     | 7005239    | 07V      | 1.3  | 29.7  | 10.1 | 62  | 0.1  | 27.7  | 11.3 |
| BRW140516 | Soil | 597266     | 7005255    | 07V      | 1.6  | 53.4  | 22   | 142 | 0.1  | 39.1  | 12.6 |
| BRW140518 | Soil | 597305     | 7005285    | 07V      | 2.7  | 92.6  | 17.6 | 152 | 0.1  | 64.1  | 16   |
| BRW140519 | Soil | 597305     | 7005285    | 07V      | 2.6  | 69.8  | 13.6 | 140 | 0.05 | 55    | 13.1 |
| BRW140520 | Soil | 597325     | 7005300    | 07V      | 2    | 29.4  | 11.5 | 76  | 0.1  | 29.1  | 9.5  |
| BRW140520 | REP  | 597325     | 7005300    | 07V      | 2    | 31    | 11.6 | 79  | 0.1  | 29.6  | 9.9  |
| BRW140521 | Soil | 597345     | 7005316    | 07V      | 1.2  | 27.5  | 12.2 | 55  | 0.05 | 33.8  | 12.8 |
| BRW140522 | Soil | 597345     | 7005316    | 07V      | 1.2  | 23.7  | 11.6 | 57  | 0.05 | 33    | 11.4 |
| BRW140523 | Soil | 597364     | 7005332    | 07V      | 1.7  | 24.4  | 10.5 | 57  | 0.05 | 27.5  | 12.1 |
| BRW140524 | Soil | 597405     | 7005362    | 07V      | 1.1  | 29.1  | 8.9  | 51  | 0.05 | 24.6  | 11.2 |
| BRW140525 | Soil | 597424     | 7005377    | 07V      | 0.8  | 13.8  | 4.4  | 99  | 0.05 | 20.5  | 12.9 |

| SampleID  | Mn  | Fe   | As    | U   | Au    | Th   | Sr  | Cd   | Sb  | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba   |
|-----------|-----|------|-------|-----|-------|------|-----|------|-----|------|-----|------|-------|----|-----|------|------|
| BRW140140 | 608 | 5.45 | 2.7   | 1.9 | 1     | 19.4 | 21  | 0.05 | 0.1 | 0.05 | 82  | 0.28 | 0.042 | 59 | 54  | 1.33 | 313  |
| BRW140141 | 400 | 3.9  | 3.8   | 0.5 | 0.9   | 8.2  | 20  | 0.05 | 0.3 | 0.05 | 72  | 0.26 | 0.026 | 17 | 52  | 1.11 | 316  |
| BRW140246 | 359 | 4.11 | 9     | 1.3 | 0.25  | 8.4  | 14  | 0.05 | 1   | 0.2  | 89  | 0.23 | 0.057 | 24 | 46  | 0.88 | 363  |
| BRW140247 | 629 | 4.94 | 8.7   | 1.6 | 4.7   | 11   | 13  | 0.2  | 0.6 | 0.2  | 124 | 0.28 | 0.048 | 41 | 61  | 1.55 | 457  |
| BRW140248 | 886 | 4.3  | 26.3  | 2.6 | 13.5  | 10.5 | 36  | 0.2  | 3.1 | 0.3  | 79  | 0.31 | 0.057 | 23 | 47  | 0.56 | 386  |
| BRW140248 | 896 | 4.29 | 26.7  | 2.5 | 15    | 10.2 | 34  | 0.2  | 3   | 0.3  | 80  | 0.31 | 0.058 | 23 | 45  | 0.55 | 367  |
| BRW140252 | 510 | 3.38 | 4.8   | 0.6 | 1.7   | 3.8  | 19  | 0.05 | 0.6 | 0.2  | 48  | 0.38 | 0.033 | 10 | 81  | 0.78 | 223  |
| BRW140253 | 261 | 2.02 | 11.7  | 1.7 | 2.1   | 24.9 | 10  | 0.05 | 1.3 | 0.2  | 22  | 0.23 | 0.065 | 45 | 14  | 0.31 | 82   |
| BRW140254 | 261 | 2.12 | 12.4  | 1.7 | 4.4   | 24.9 | 11  | 0.05 | 1.2 | 0.3  | 26  | 0.25 | 0.069 | 44 | 17  | 0.31 | 92   |
| BRW140255 | 711 | 3.35 | 102.9 | 1.3 | 6.2   | 4.5  | 19  | 0.2  | 8.3 | 0.3  | 45  | 0.23 | 0.042 | 10 | 20  | 0.23 | 163  |
| BRW140256 | 700 | 2.34 | 8.1   | 0.4 | 1.1   | 2.9  | 13  | 0.05 | 0.9 | 0.1  | 53  | 0.13 | 0.018 | 11 | 28  | 0.35 | 201  |
| BRW140256 | 709 | 2.36 | 8.1   | 0.5 | 1.8   | 2.9  | 13  | 0.05 | 0.9 | 0.2  | 53  | 0.14 | 0.018 | 10 | 28  | 0.36 | 204  |
| BRW140259 | 455 | 2.78 | 9.2   | 1.1 | 3.6   | 3.5  | 26  | 0.1  | 0.7 | 0.1  | 49  | 0.79 | 0.033 | 13 | 32  | 0.55 | 394  |
| BRW140262 | 815 | 5.32 | 11.9  | 2.4 | 2.3   | 6.8  | 21  | 0.3  | 5.7 | 0.2  | 50  | 0.32 | 0.09  | 23 | 23  | 0.24 | 394  |
| BRW140265 | 395 | 3.59 | 8     | 0.7 | 1.4   | 12   | 19  | 0.05 | 0.3 | 0.05 | 53  | 0.3  | 0.043 | 27 | 46  | 0.88 | 285  |
| BRW140312 | 549 | 2.94 | 5.4   | 0.3 | 40.2  | 1.4  | 89  | 0.1  | 0.2 | 0.05 | 81  | 1.13 | 0.166 | 7  | 58  | 1.21 | 640  |
| BRW140312 | 557 | 2.95 | 5.6   | 0.3 | 30.7  | 1.4  | 90  | 0.05 | 0.2 | 0.05 | 80  | 1.11 | 0.168 | 6  | 59  | 1.25 | 633  |
| BRW140313 | 491 | 2.71 | 4.2   | 0.2 | 55.5  | 1.3  | 108 | 0.05 | 0.2 | 0.05 | 75  | 1.25 | 0.188 | 6  | 48  | 1.15 | 662  |
| BRW140314 | 934 | 4.13 | 41.6  | 0.7 | 132.1 | 6.7  | 30  | 0.05 | 2.2 | 0.1  | 50  | 0.1  | 0.083 | 13 | 25  | 0.15 | 197  |
| BRW140315 | 443 | 4.94 | 3.3   | 0.9 | 6.7   | 20.3 | 18  | 0.05 | 0.1 | 0.05 | 92  | 0.24 | 0.033 | 29 | 17  | 0.93 | 693  |
| BRW140316 | 506 | 3.87 | 2.8   | 0.8 | 1.6   | 13.4 | 14  | 0.05 | 0.2 | 0.05 | 44  | 0.21 | 0.025 | 19 | 38  | 0.46 | 252  |
| BRW140317 | 366 | 3.87 | 12.6  | 1.6 | 3.2   | 17.7 | 28  | 0.2  | 0.5 | 0.05 | 55  | 0.2  | 0.032 | 35 | 61  | 0.54 | 281  |
| BRW140318 | 334 | 4.43 | 2.3   | 2   | 3.7   | 27.7 | 20  | 0.05 | 0.1 | 0.05 | 56  | 0.29 | 0.055 | 57 | 58  | 1.05 | 309  |
| BRW140319 | 349 | 4.45 | 2.4   | 1.2 | 4.1   | 38.1 | 19  | 0.05 | 0.2 | 0.1  | 62  | 0.33 | 0.077 | 93 | 30  | 0.91 | 320  |
| BRW140320 | 369 | 3.19 | 1.4   | 1.2 | 1.4   | 10.3 | 23  | 0.2  | 0.1 | 0.05 | 47  | 0.2  | 0.038 | 25 | 27  | 0.21 | 125  |
| BRW140321 | 769 | 4.19 | 19.1  | 0.8 | 3.3   | 5.8  | 18  | 0.05 | 0.3 | 0.05 | 68  | 0.17 | 0.018 | 12 | 25  | 0.19 | 1430 |
| BRW140322 | 507 | 5.44 | 5.7   | 0.8 | 8     | 11.3 | 17  | 0.1  | 0.7 | 0.05 | 95  | 0.2  | 0.026 | 18 | 52  | 0.65 | 491  |
| BRW140323 | 311 | 3.73 | 10    | 0.7 | 1     | 6.8  | 14  | 0.05 | 0.4 | 0.1  | 65  | 0.1  | 0.019 | 17 | 31  | 0.6  | 251  |
| BRW140324 | 383 | 3.5  | 18.8  | 0.9 | 3.3   | 10.5 | 15  | 0.05 | 0.4 | 0.4  | 45  | 0.12 | 0.016 | 15 | 29  | 0.26 | 220  |
| BRW140325 | 433 | 3.12 | 4.3   | 0.4 | 11.4  | 1.1  | 28  | 0.05 | 0.5 | 0.05 | 53  | 0.59 | 0.152 | 5  | 41  | 0.8  | 124  |
| BRW140326 | 833 | 5.74 | 97.5  | 0.6 | 4.6   | 1.5  | 18  | 0.1  | 1   | 0.1  | 131 | 1.73 | 0.054 | 12 | 263 | 1.13 | 216  |
| BRW140328 | 281 | 3.69 | 14.4  | 1.1 | 6.8   | 12.2 | 18  | 0.2  | 0.5 | 0.1  | 56  | 0.17 | 0.019 | 36 | 42  | 0.4  | 276  |
| BRW140432 | 632 | 3.95 | 9.3   | 0.7 | 1.7   | 10.3 | 16  | 0.05 | 0.4 | 0.05 | 68  | 0.28 | 0.044 | 37 | 56  | 1.48 | 377  |
| BRW140433 | 719 | 4.21 | 5.8   | 0.7 | 0.8   | 3.7  | 24  | 0.05 | 0.3 | 0.1  | 101 | 0.42 | 0.089 | 6  | 31  | 0.98 | 812  |
| BRW140434 | 591 | 5.2  | 9.5   | 0.7 | 2.4   | 7.2  | 19  | 0.2  | 0.3 | 0.05 | 97  | 0.31 | 0.039 | 28 | 34  | 1.01 | 424  |
| BRW140435 | 575 | 5.52 | 13.4  | 1.2 | 3.5   | 8.1  | 13  | 0.2  | 0.4 | 0.05 | 89  | 0.16 | 0.016 | 32 | 38  | 0.84 | 483  |
| BRW140436 | 732 | 5.02 | 10.3  | 0.9 | 2.4   | 10.6 | 17  | 0.1  | 0.4 | 0.05 | 64  | 0.3  | 0.051 | 37 | 33  | 0.7  | 423  |
| BRW140437 | 440 | 2.48 | 8.8   | 0.6 | 4.4   | 4.7  | 73  | 0.2  | 0.5 | 0.1  | 49  | 2.75 | 0.076 | 15 | 27  | 0.77 | 332  |
| BRW140438 | 259 | 2.99 | 1.8   | 2.6 | 1.8   | 26.8 | 22  | 0.1  | 0.1 | 0.1  | 44  | 0.28 | 0.093 | 61 | 34  | 0.62 | 231  |
| BRW140438 | 268 | 3.04 | 1.8   | 2.7 | 1.9   | 26.4 | 23  | 0.1  | 0.2 | 0.1  | 46  | 0.26 | 0.089 | 61 | 36  | 0.65 | 241  |
| BRW140440 | 135 | 3.29 | 2.7   | 1.2 | 0.8   | 27.3 | 9   | 0.05 | 0.2 | 0.05 | 46  | 0.11 | 0.021 | 54 | 45  | 0.96 | 150  |
| BRW140442 | 194 | 4.03 | 2.2   | 1.1 | 0.5   | 19.1 | 9   | 0.05 | 0.1 | 0.05 | 38  | 0.12 | 0.02  | 63 | 38  | 0.8  | 147  |
| BRW140443 | 377 | 3.72 | 4.5   | 0.6 | 0.25  | 16.1 | 10  | 0.05 | 0.3 | 0.1  | 40  | 0.17 | 0.019 | 15 | 42  | 0.7  | 162  |
| BRW140452 | 458 | 3.69 | 15.6  | 0.7 | 3.5   | 5.6  | 25  | 0.3  | 0.5 | 0.1  | 72  | 0.73 | 0.039 | 21 | 58  | 0.83 | 568  |
| BRW140501 | 269 | 3.17 | 4.6   | 1.2 | 4.5   | 11.4 | 20  | 0.05 | 0.4 | 0.05 | 44  | 0.23 | 0.026 | 30 | 35  | 0.4  | 186  |
| BRW140502 | 316 | 3.39 | 3.7   | 0.6 | 2.1   | 9    | 18  | 0.05 | 0.2 | 0.05 | 53  | 0.3  | 0.044 | 24 | 68  | 0.79 | 198  |
| BRW140503 | 438 | 3.79 | 5.7   | 0.6 | 6.8   | 9.7  | 19  | 0.05 | 0.3 | 0.05 | 50  | 0.37 | 0.049 | 26 | 54  | 0.61 | 294  |
| BRW140504 | 877 | 4.37 | 8     | 0.6 | 18    | 5.2  | 17  | 0.1  | 0.3 | 0.05 | 80  | 0.51 | 0.091 | 18 | 36  | 0.74 | 745  |
| BRW140505 | 493 | 3.77 | 4     | 1   | 2.3   | 11.2 | 13  | 0.05 | 0.2 | 0.05 | 46  | 0.34 | 0.068 | 29 | 40  | 0.82 | 323  |
| BRW140506 | 265 | 2.95 | 8.3   | 0.7 | 5     | 5.5  | 17  | 0.05 | 0.4 | 0.1  | 49  | 0.25 | 0.037 | 16 | 35  | 0.54 | 195  |
| BRW140508 | 297 | 3.03 | 9.2   | 0.8 | 1.7   | 8.4  | 18  | 0.05 | 0.3 | 0.05 | 40  | 0.3  | 0.045 | 24 | 40  | 0.65 | 174  |
| BRW140513 | 453 | 2.82 | 4.9   | 0.9 | 1.4   | 9.1  | 16  | 0.05 | 0.3 | 0.1  | 44  | 0.33 | 0.047 | 21 | 35  | 0.4  | 235  |
| BRW140515 | 443 | 2.69 | 7.1   | 1.4 | 3.6   | 6.4  | 31  | 0.2  | 0.5 | 0.1  | 52  | 0.52 | 0.059 | 23 | 35  | 0.53 | 324  |
| BRW140516 | 587 | 3.16 | 8.2   | 0.9 | 2.4   | 7.1  | 24  | 0.1  | 0.3 | 0.1  | 79  | 0.57 | 0.114 | 18 | 48  | 0.94 | 392  |
| BRW140518 | 804 | 4.31 | 6     | 0.9 | 2.7   | 11.5 | 19  | 0.1  | 0.2 | 0.05 | 95  | 0.5  | 0.116 | 31 | 73  | 1.15 | 613  |
| BRW140519 | 752 | 4.39 | 7     | 0.7 | 3.1   | 9.5  | 16  | 0.2  | 0.2 | 0.05 | 81  | 0.49 | 0.107 | 26 | 58  | 1.11 | 568  |
| BRW140520 | 421 | 2.95 | 10.3  | 0.8 | 1.9   | 6.8  | 22  | 0.1  | 0.3 | 0.05 | 48  | 0.41 | 0.065 | 22 | 34  | 0.58 | 245  |
| BRW140520 | 427 | 2.97 | 10.6  | 0.8 | 5.5   | 6.7  | 21  | 0.05 | 0.3 | 0.05 | 46  | 0.41 | 0.067 | 21 | 34  | 0.6  | 231  |
| BRW140521 | 475 | 3.45 | 5.9   | 0.5 | 0.9   | 12.2 | 13  | 0.05 | 0.1 | 0.05 | 34  | 0.26 | 0.052 | 29 | 39  | 0.72 | 218  |
| BRW140522 | 489 | 3.52 | 5.2   | 0.5 | 1.9   | 11.5 | 13  | 0.05 | 0.2 | 0.05 | 31  | 0.24 | 0.046 | 27 | 35  | 0.73 | 190  |
| BRW140523 | 467 | 2.79 | 8.7   | 0.9 | 4.6   | 7    | 26  | 0.2  | 0.5 | 0.1  | 48  | 0.44 | 0.065 | 18 | 32  | 0.46 | 204  |
| BRW140524 | 417 | 2.26 | 7.6   | 1   | 9.1   | 3.1  | 35  | 0.1  | 0.5 | 0.1  | 51  | 0.64 | 0.059 | 11 | 30  | 0.51 | 259  |
| BRW140525 | 638 | 4.06 | 2.7   | 0.4 | 0.7   | 3.1  | 19  | 0.1  | 0.2 | 0.05 | 77  | 0.59 | 0.122 | 9  | 69  | 1.45 | 501  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW140140 | 0.078 | 0.5 | 3.24 | 0.012 | 0.82 | 0.05 | 0.02  | 5.3  | 0.3  | 0.025 | 11 | 1    | 1DX15  | WHI10000467 |
| BRW140141 | 0.086 | 0.5 | 2.56 | 0.011 | 0.57 | 0.05 | 0.01  | 3.9  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW140246 | 0.136 | 0.5 | 2.26 | 0.01  | 0.53 | 0.1  | 0.01  | 3.5  | 0.3  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000467 |
| BRW140247 | 0.193 | 1   | 2.7  | 0.014 | 0.87 | 0.1  | 0.02  | 6.8  | 1.1  | 0.025 | 10 | 1.4  | 1DX15  | WHI10000467 |
| BRW140248 | 0.055 | 2   | 1.66 | 0.009 | 0.32 | 0.1  | 0.11  | 9.8  | 0.3  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000467 |
| BRW140248 | 0.055 | 2   | 1.64 | 0.009 | 0.31 | 0.1  | 0.12  | 9.8  | 0.3  | 0.025 | 5  | 1.1  | 1DX15  | WHI10000467 |
| BRW140252 | 0.101 | 2   | 1.75 | 0.011 | 0.36 | 0.2  | 0.02  | 5.5  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW140253 | 0.041 | 2   | 1.27 | 0.005 | 0.29 | 0.05 | 0.01  | 3.5  | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140254 | 0.041 | 2   | 1.3  | 0.007 | 0.26 | 0.05 | 0.01  | 3.8  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140255 | 0.007 | 3   | 1.28 | 0.006 | 0.09 | 0.1  | 0.03  | 4.1  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140256 | 0.046 | 1   | 1.41 | 0.01  | 0.1  | 0.1  | 0.02  | 2.9  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140256 | 0.049 | 0.5 | 1.45 | 0.011 | 0.11 | 0.05 | 0.03  | 2.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140259 | 0.06  | 2   | 1.48 | 0.021 | 0.14 | 0.2  | 0.06  | 4.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW140262 | 0.022 | 2   | 1.05 | 0.007 | 0.16 | 0.1  | 0.03  | 3.7  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW140265 | 0.12  | 0.5 | 2.06 | 0.013 | 0.52 | 0.05 | 0.005 | 4    | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW140312 | 0.032 | 0.5 | 3.24 | 0.087 | 0.11 | 0.05 | 0.04  | 7.8  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW140312 | 0.031 | 0.5 | 3.35 | 0.087 | 0.11 | 0.05 | 0.04  | 7.5  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW140313 | 0.029 | 0.5 | 3.52 | 0.111 | 0.1  | 0.05 | 0.03  | 7.2  | 0.05 | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW140314 | 0.009 | 2   | 1.13 | 0.003 | 0.1  | 0.05 | 0.03  | 5.8  | 0.2  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000467 |
| BRW140315 | 0.148 | 2   | 2.25 | 0.014 | 0.86 | 0.05 | 0.005 | 9.1  | 1.1  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000467 |
| BRW140316 | 0.045 | 1   | 1.33 | 0.005 | 0.21 | 0.05 | 0.01  | 4.7  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140317 | 0.059 | 1   | 1.31 | 0.007 | 0.27 | 0.05 | 0.24  | 6.1  | 0.4  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000467 |
| BRW140318 | 0.224 | 0.5 | 2.53 | 0.011 | 1.05 | 0.05 | 0.005 | 5    | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW140319 | 0.219 | 0.5 | 2.38 | 0.009 | 0.92 | 0.05 | 0.01  | 5    | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000467 |
| BRW140320 | 0.007 | 1   | 0.75 | 0.007 | 0.1  | 0.05 | 0.02  | 5.4  | 0.05 | 0.025 | 3  | 0.6  | 1DX15  | WHI10000467 |
| BRW140321 | 0.005 | 1   | 0.84 | 0.004 | 0.06 | 0.05 | 0.03  | 9.9  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW140322 | 0.182 | 1   | 2    | 0.006 | 0.84 | 0.05 | 0.01  | 9.2  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW140323 | 0.149 | 0.5 | 1.94 | 0.008 | 0.41 | 0.05 | 0.005 | 4.9  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW140324 | 0.023 | 0.5 | 1.22 | 0.006 | 0.07 | 0.05 | 0.01  | 3.3  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW140325 | 0.018 | 1   | 1.65 | 0.014 | 0.03 | 0.05 | 0.05  | 5.4  | 0.1  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000467 |
| BRW140326 | 0.008 | 2   | 1.7  | 0.007 | 0.06 | 0.05 | 0.08  | 16.3 | 0.05 | 0.025 | 5  | 1.1  | 1DX15  | WHI10000467 |
| BRW140328 | 0.042 | 1   | 1.36 | 0.007 | 0.08 | 0.05 | 0.03  | 5.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW140432 | 0.149 | 2   | 2.61 | 0.009 | 0.97 | 0.1  | 0.02  | 5    | 0.5  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000467 |
| BRW140433 | 0.167 | 2   | 2.35 | 0.014 | 0.75 | 0.1  | 0.005 | 8.2  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000467 |
| BRW140434 | 0.198 | 1   | 2.22 | 0.013 | 0.93 | 0.05 | 0.03  | 12.2 | 0.4  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000467 |
| BRW140435 | 0.217 | 2   | 2.09 | 0.014 | 1    | 0.05 | 0.05  | 12.5 | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW140436 | 0.131 | 2   | 1.65 | 0.015 | 0.68 | 0.05 | 0.07  | 11.3 | 0.4  | 0.025 | 8  | 0.8  | 1DX15  | WHI10000467 |
| BRW140437 | 0.084 | 2   | 1.15 | 0.027 | 0.14 | 0.1  | 0.03  | 3.8  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW140438 | 0.122 | 1   | 1.67 | 0.008 | 0.79 | 0.05 | 0.01  | 3.4  | 0.7  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW140438 | 0.131 | 1   | 1.72 | 0.01  | 0.83 | 0.05 | 0.005 | 3.5  | 0.7  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000467 |
| BRW140440 | 0.135 | 0.5 | 1.93 | 0.008 | 1.01 | 0.05 | 0.005 | 3.5  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW140442 | 0.124 | 0.5 | 1.81 | 0.007 | 0.82 | 0.05 | 0.005 | 2.9  | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000467 |
| BRW140443 | 0.099 | 1   | 1.91 | 0.008 | 0.7  | 0.05 | 0.01  | 3    | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW140452 | 0.059 | 2   | 1.78 | 0.013 | 0.16 | 0.05 | 0.05  | 5.5  | 0.1  | 0.025 | 6  | 0.9  | 1DX15  | WHI10000467 |
| BRW140501 | 0.064 | 1   | 1.29 | 0.01  | 0.16 | 0.05 | 0.02  | 5.4  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140502 | 0.134 | 1   | 1.86 | 0.009 | 0.54 | 0.05 | 0.005 | 3.7  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW140503 | 0.074 | 2   | 1.57 | 0.01  | 0.35 | 0.05 | 0.03  | 5.4  | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000467 |
| BRW140504 | 0.104 | 1   | 1.79 | 0.011 | 0.52 | 0.05 | 0.04  | 7.6  | 0.2  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000467 |
| BRW140505 | 0.097 | 0.5 | 1.75 | 0.009 | 0.62 | 0.05 | 0.02  | 4.1  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW140506 | 0.066 | 1   | 1.87 | 0.013 | 0.11 | 0.1  | 0.03  | 3.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW140508 | 0.083 | 1   | 1.55 | 0.009 | 0.3  | 0.05 | 0.01  | 3.4  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000467 |
| BRW140513 | 0.06  | 0.5 | 1.12 | 0.007 | 0.16 | 0.1  | 0.01  | 3.8  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140515 | 0.093 | 0.5 | 1.57 | 0.017 | 0.11 | 0.1  | 0.04  | 4.1  | 0.05 | 0.025 | 5  | 0.7  | 1DX15  | WHI10000467 |
| BRW140516 | 0.124 | 1   | 1.66 | 0.017 | 0.44 | 0.1  | 0.01  | 4.1  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW140518 | 0.153 | 1   | 1.99 | 0.01  | 0.91 | 0.05 | 0.005 | 5    | 0.5  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000467 |
| BRW140519 | 0.128 | 1   | 1.99 | 0.009 | 0.92 | 0.05 | 0.01  | 4.3  | 0.4  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000467 |
| BRW140520 | 0.071 | 2   | 1.5  | 0.011 | 0.23 | 0.05 | 0.02  | 3.7  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW140520 | 0.071 | 0.5 | 1.43 | 0.014 | 0.22 | 0.1  | 0.03  | 3.8  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000467 |
| BRW140521 | 0.129 | 0.5 | 1.6  | 0.007 | 0.7  | 0.05 | 0.005 | 2.6  | 0.4  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140522 | 0.124 | 0.5 | 1.6  | 0.006 | 0.73 | 0.05 | 0.005 | 2.2  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW140523 | 0.072 | 0.5 | 1.16 | 0.014 | 0.11 | 0.1  | 0.02  | 3    | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140524 | 0.061 | 0.5 | 1.21 | 0.018 | 0.04 | 0.2  | 0.03  | 3    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140525 | 0.185 | 0.5 | 2.32 | 0.016 | 0.8  | 0.05 | 0.005 | 4.7  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000467 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|-------|------|
| BRW140662 | Soil | 599718     | 7005896    | 07V      | 1.3 | 32.1 | 14.7 | 97  | 0.05 | 35.5  | 12.9 |
| BRW140667 | Soil | 599617     | 7005819    | 07V      | 1   | 42.7 | 16.6 | 73  | 0.05 | 34.6  | 12.6 |
| BRW140669 | Soil | 599698     | 7005755    | 07V      | 0.7 | 36.2 | 14.6 | 77  | 0.05 | 28.4  | 11.5 |
| BRW140670 | Soil | 599718     | 7005772    | 07V      | 1.3 | 27   | 12.9 | 63  | 0.05 | 25.5  | 11.2 |
| BRW140671 | Soil | 599737     | 7005787    | 07V      | 1.3 | 29.3 | 11.7 | 61  | 0.05 | 27.8  | 10.3 |
| BRW140672 | Soil | 599758     | 7005801    | 07V      | 0.8 | 37.1 | 9.6  | 53  | 0.05 | 31    | 9.8  |
| BRW140674 | Soil | 599799     | 7005831    | 07V      | 2.3 | 37.9 | 15.4 | 95  | 0.05 | 37.2  | 8.6  |
| BRW140675 | Soil | 599819     | 7005848    | 07V      | 3   | 52.6 | 19.9 | 91  | 0.05 | 40.9  | 12.8 |
| BRW140676 | Soil | 599838     | 7005863    | 07V      | 2.6 | 59.3 | 16.8 | 124 | 0.1  | 50.8  | 14.7 |
| BRW140677 | Soil | 599838     | 7005863    | 07V      | 3.2 | 46.7 | 12.7 | 104 | 0.1  | 47.6  | 11.6 |
| BRW140678 | Soil | 599899     | 7005782    | 07V      | 1.3 | 28.1 | 11   | 71  | 0.1  | 28.6  | 13.7 |
| BRW144026 | Soil | 599450     | 7006194    | 07V      | 1.1 | 34.7 | 10.9 | 56  | 0.1  | 29.2  | 10.1 |
| BRW144027 | Soil | 599429     | 7006179    | 07V      | 2.1 | 32.2 | 21.5 | 63  | 0.1  | 24    | 9.9  |
| BRW144028 | Soil | 599411     | 7006167    | 07V      | 5.9 | 47.4 | 18   | 100 | 0.05 | 41.1  | 16.1 |
| BRW144029 | Soil | 599391     | 7006148    | 07V      | 4.3 | 92.1 | 17.5 | 82  | 0.3  | 55.9  | 11.3 |
| BRW144030 | Soil | 599372     | 7006133    | 07V      | 7.5 | 33.4 | 9.5  | 103 | 0.05 | 10.4  | 8.2  |
| BRW144031 | Soil | 599351     | 7006119    | 07V      | 1   | 48.7 | 31.2 | 154 | 0.05 | 51.1  | 12.8 |
| BRW144032 | Soil | 599351     | 7006119    | 07V      | 1.1 | 51.2 | 30.6 | 153 | 0.05 | 52.3  | 13.5 |
| BRW144034 | Soil | 599311     | 7006088    | 07V      | 1.6 | 27   | 7.8  | 56  | 0.05 | 20.8  | 8.6  |
| BRW144035 | Soil | 599292     | 7006072    | 07V      | 1   | 18   | 8.5  | 40  | 0.05 | 19    | 8.7  |
| BRW144046 | Soil | 599170     | 7006230    | 07V      | 1.1 | 35.2 | 9.1  | 58  | 0.05 | 38.8  | 11.9 |
| BRW144051 | Soil | 599269     | 7006306    | 07V      | 2.3 | 28.2 | 9.9  | 72  | 0.05 | 21.6  | 9.6  |
| BRW144201 | Soil | 596780     | 7006647    | 07V      | 0.6 | 32.1 | 8.9  | 83  | 0.05 | 21.5  | 10.6 |
| BRW144202 | Soil | 596801     | 7006663    | 07V      | 0.7 | 31   | 7.1  | 74  | 0.05 | 24.9  | 7.5  |
| BRW144203 | Soil | 596826     | 7006678    | 07V      | 0.8 | 17.3 | 19.9 | 115 | 0.05 | 24.4  | 12.4 |
| BRW144204 | Soil | 596839     | 7006693    | 07V      | 1   | 28.3 | 11.2 | 104 | 0.05 | 18.6  | 10.6 |
| BRW144205 | Soil | 596859     | 7006709    | 07V      | 3.3 | 31.9 | 7.8  | 101 | 0.05 | 21.5  | 18.8 |
| BRW144206 | Soil | 596880     | 7006724    | 07V      | 3.7 | 27.4 | 9.3  | 41  | 0.05 | 15.9  | 3.6  |
| BRW144207 | Soil | 596900     | 7006741    | 07V      | 2.5 | 41.5 | 6.5  | 14  | 0.05 | 5.9   | 1.4  |
| BRW144207 | REP  | 596900     | 7006741    | 07V      | 2.3 | 40.2 | 6.3  | 13  | 0.05 | 5.4   | 1.4  |
| BRW144208 | Soil | 596919     | 7006755    | 07V      | 2.5 | 39.2 | 9.6  | 41  | 0.05 | 12.6  | 3.7  |
| BRW144208 | REP  | 596919     | 7006755    | 07V      | 2.5 | 39.1 | 10   | 43  | 0.05 | 12.5  | 3.7  |
| BRW144209 | Soil | 596939     | 7006770    | 07V      | 2.9 | 46.8 | 16.3 | 56  | 0.05 | 21.3  | 7.2  |
| BRW144210 | Soil | 596939     | 7006770    | 07V      | 3.3 | 49.4 | 16   | 55  | 0.05 | 21.2  | 6.8  |
| BRW144211 | Soil | 596960     | 7006786    | 07V      | 2.9 | 54.2 | 52.8 | 85  | 0.05 | 19.7  | 4.6  |
| BRW144255 | Soil | 597146     | 7006425    | 07V      | 1.7 | 47.8 | 16.1 | 102 | 0.05 | 35.6  | 12.8 |
| BRW144256 | Soil | 597165     | 7006440    | 07V      | 1.4 | 38.9 | 9.2  | 97  | 0.05 | 30.5  | 13.1 |
| BRW144257 | Soil | 597186     | 7006456    | 07V      | 2.2 | 33.5 | 8.8  | 71  | 0.05 | 37.1  | 12.9 |
| BRW144258 | Soil | 597206     | 7006472    | 07V      | 2   | 24.1 | 7.2  | 64  | 0.05 | 30    | 11   |
| BRW144259 | Soil | 597225     | 7006487    | 07V      | 4.5 | 25.8 | 12.9 | 49  | 0.05 | 19.1  | 7.3  |
| BRW144260 | Soil | 597245     | 7006503    | 07V      | 4.1 | 41   | 10.6 | 55  | 0.05 | 34.2  | 10.9 |
| BRW144261 | Soil | 597264     | 7006517    | 07V      | 4.8 | 33.2 | 11.7 | 85  | 0.05 | 46    | 17.5 |
| BRW144262 | Soil | 597284     | 7006534    | 07V      | 2.3 | 25.2 | 5.7  | 48  | 0.05 | 20.7  | 8    |
| BRW144263 | Soil | 597305     | 7006549    | 07V      | 2.6 | 52.3 | 14.1 | 106 | 0.05 | 34.6  | 11.8 |
| BRW144264 | Soil | 597305     | 7006549    | 07V      | 3.6 | 61.2 | 13.6 | 117 | 0.05 | 39.2  | 10.5 |
| BRW144338 | Soil | 597306     | 7006424    | 07V      | 1.1 | 37.9 | 7.8  | 148 | 0.05 | 17.2  | 10.4 |
| BRW144340 | Soil | 597346     | 7006455    | 07V      | 2.2 | 59.6 | 11.1 | 123 | 0.05 | 38.1  | 16.3 |
| BRW144342 | Soil | 597386     | 7006486    | 07V      | 3.4 | 40.8 | 20.1 | 84  | 0.1  | 37.2  | 12.5 |
| BRW144342 | REP  | 597386     | 7006486    | 07V      | 3.6 | 40.4 | 20.4 | 83  | 0.1  | 36.2  | 12.7 |
| BRW144343 | Soil | 597405     | 7006501    | 07V      | 2.7 | 85.7 | 34.2 | 121 | 0.2  | 29.9  | 9.6  |
| BRW144345 | Soil | 597444     | 7006531    | 07V      | 0.7 | 32.6 | 15.6 | 103 | 0.05 | 41.4  | 13.5 |
| BRW144347 | Soil | 597363     | 7006595    | 07V      | 1.7 | 57.6 | 10.2 | 166 | 0.05 | 134.4 | 21.5 |
| BRW144348 | Soil | 597343     | 7006579    | 07V      | 1   | 42.6 | 12.3 | 157 | 0.05 | 68.5  | 12.7 |
| BRW144349 | Soil | 597323     | 7006564    | 07V      | 1.3 | 28.8 | 10.1 | 57  | 0.05 | 28    | 10.4 |
| BRW144350 | Soil | 597126     | 7006410    | 07V      | 1.6 | 43.5 | 14.7 | 74  | 0.05 | 45.9  | 17.2 |
| BRW144501 | Soil | 597303     | 7006993    | 07V      | 0.8 | 12.1 | 6.6  | 52  | 0.05 | 10.9  | 5.3  |
| BRW144502 | Soil | 597341     | 7007023    | 07V      | 0.7 | 8.8  | 4.9  | 44  | 0.05 | 8.5   | 4.9  |
| BRW144503 | Soil | 597380     | 7007055    | 07V      | 0.9 | 14.8 | 8.1  | 76  | 0.1  | 15.4  | 9.3  |
| BRW144504 | Soil | 597421     | 7007085    | 07V      | 1   | 16.2 | 10.5 | 45  | 0.05 | 7.4   | 3.7  |
| BRW144505 | Soil | 597462     | 7007116    | 07V      | 1.3 | 39.1 | 8    | 75  | 0.05 | 42.7  | 13.9 |
| BRW144506 | Soil | 597499     | 7007146    | 07V      | 1.4 | 30.2 | 8.3  | 55  | 0.05 | 21.8  | 7.7  |
| BRW144507 | Soil | 597540     | 7007178    | 07V      | 0.8 | 16.3 | 9.5  | 36  | 0.05 | 14.2  | 6.3  |
| BRW144508 | Soil | 597580     | 7007208    | 07V      | 1.3 | 29.6 | 13.6 | 62  | 0.05 | 26.8  | 12.4 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb  | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|------|------|----|------|-----|------|-----|------|-------|----|-----|------|------|
| BRW140662 | 526  | 4.01 | 16.4 | 1   | 0.9  | 7.4  | 22 | 0.1  | 0.5 | 0.2  | 101 | 0.37 | 0.069 | 8  | 52  | 0.79 | 374  |
| BRW140667 | 557  | 3.4  | 15.2 | 1.3 | 3.9  | 6.9  | 25 | 0.2  | 0.9 | 0.2  | 63  | 0.45 | 0.028 | 20 | 41  | 0.65 | 231  |
| BRW140669 | 412  | 3.23 | 9    | 1.2 | 3.9  | 5    | 30 | 0.1  | 0.7 | 0.2  | 63  | 0.53 | 0.02  | 16 | 39  | 0.73 | 284  |
| BRW140670 | 336  | 3.17 | 11.1 | 1.3 | 2.9  | 5.2  | 21 | 0.05 | 0.8 | 0.2  | 52  | 0.43 | 0.037 | 17 | 35  | 0.54 | 210  |
| BRW140671 | 535  | 3.05 | 9.1  | 2   | 2.6  | 4.3  | 26 | 0.2  | 0.7 | 0.2  | 47  | 0.62 | 0.04  | 15 | 31  | 0.56 | 245  |
| BRW140672 | 375  | 2.62 | 11.5 | 0.7 | 5.3  | 4.7  | 34 | 0.05 | 0.7 | 0.1  | 56  | 0.53 | 0.077 | 16 | 31  | 0.61 | 265  |
| BRW140674 | 288  | 3.57 | 12.9 | 1.5 | 1.9  | 7.8  | 15 | 0.1  | 0.8 | 0.1  | 60  | 0.26 | 0.058 | 13 | 38  | 0.49 | 175  |
| BRW140675 | 376  | 3.68 | 15.3 | 2.6 | 3.4  | 11.5 | 23 | 0.1  | 0.9 | 0.2  | 68  | 0.32 | 0.036 | 21 | 37  | 0.45 | 293  |
| BRW140676 | 627  | 4.37 | 18.1 | 2.1 | 4    | 12.5 | 27 | 0.1  | 1.1 | 0.2  | 74  | 0.36 | 0.036 | 31 | 41  | 0.46 | 323  |
| BRW140677 | 891  | 4.88 | 17.6 | 2.4 | 5.8  | 12.1 | 24 | 0.1  | 1   | 0.2  | 61  | 0.27 | 0.032 | 38 | 29  | 0.37 | 319  |
| BRW140678 | 745  | 3.98 | 8.2  | 1.7 | 2.6  | 8.3  | 33 | 0.05 | 0.6 | 0.2  | 75  | 0.62 | 0.03  | 25 | 48  | 1    | 423  |
| BRW144026 | 321  | 2.93 | 17.1 | 0.9 | 2.7  | 4.9  | 27 | 0.05 | 1.1 | 0.2  | 61  | 0.37 | 0.034 | 14 | 39  | 0.49 | 246  |
| BRW144027 | 533  | 2.68 | 13.6 | 1.2 | 3.2  | 2.9  | 20 | 0.1  | 1.6 | 0.2  | 60  | 0.21 | 0.037 | 10 | 29  | 0.33 | 262  |
| BRW144028 | 954  | 5.05 | 12.5 | 2.1 | 49.6 | 6    | 15 | 0.1  | 3.4 | 0.2  | 69  | 0.13 | 0.037 | 17 | 51  | 0.4  | 255  |
| BRW144029 | 238  | 4.31 | 14.9 | 2.6 | 14.6 | 10   | 13 | 0.05 | 2.3 | 0.4  | 46  | 0.05 | 0.044 | 31 | 27  | 0.16 | 152  |
| BRW144030 | 517  | 4.61 | 12.8 | 0.9 | 31.3 | 2.9  | 14 | 0.05 | 3.8 | 0.05 | 23  | 0.13 | 0.021 | 6  | 11  | 0.18 | 159  |
| BRW144031 | 370  | 4.28 | 8    | 2.5 | 5.9  | 16.6 | 12 | 0.1  | 1   | 0.2  | 81  | 0.21 | 0.044 | 31 | 51  | 0.71 | 263  |
| BRW144032 | 345  | 4.44 | 8    | 2.4 | 6.4  | 16   | 13 | 0.1  | 1   | 0.2  | 89  | 0.22 | 0.04  | 32 | 57  | 0.7  | 271  |
| BRW144034 | 317  | 2.84 | 7.3  | 1.2 | 1.5  | 10.9 | 16 | 0.1  | 0.8 | 0.1  | 41  | 0.12 | 0.034 | 28 | 22  | 0.14 | 154  |
| BRW144035 | 336  | 2.43 | 6.7  | 0.6 | 4.5  | 3.1  | 26 | 0.1  | 0.6 | 0.1  | 49  | 0.33 | 0.02  | 13 | 29  | 0.35 | 242  |
| BRW144046 | 310  | 3.09 | 8.4  | 1.1 | 3.7  | 4.8  | 25 | 0.1  | 0.9 | 0.2  | 63  | 0.29 | 0.017 | 17 | 63  | 0.6  | 326  |
| BRW144051 | 297  | 3.3  | 6.8  | 2   | 5.1  | 6.9  | 21 | 0.05 | 1   | 0.2  | 52  | 0.2  | 0.02  | 19 | 30  | 0.44 | 239  |
| BRW144201 | 560  | 3.5  | 7.4  | 0.7 | 5.2  | 6.7  | 29 | 0.05 | 0.5 | 0.1  | 57  | 0.52 | 0.061 | 20 | 27  | 0.84 | 357  |
| BRW144202 | 415  | 3.36 | 7.7  | 0.9 | 3.1  | 9.8  | 15 | 0.05 | 0.6 | 0.1  | 49  | 0.22 | 0.037 | 27 | 29  | 0.69 | 195  |
| BRW144203 | 616  | 4.65 | 5.7  | 1.2 | 0.8  | 19   | 15 | 0.05 | 0.7 | 0.05 | 58  | 0.21 | 0.053 | 36 | 85  | 1.4  | 479  |
| BRW144204 | 910  | 3.8  | 6.1  | 0.8 | 0.6  | 7.9  | 33 | 0.1  | 1   | 0.1  | 53  | 0.47 | 0.061 | 18 | 26  | 0.72 | 681  |
| BRW144205 | 727  | 5.19 | 6.6  | 0.7 | 8    | 3.8  | 17 | 0.05 | 2.8 | 0.05 | 103 | 0.16 | 0.036 | 13 | 53  | 1.41 | 484  |
| BRW144206 | 100  | 1.75 | 13.3 | 1.2 | 45.8 | 7.9  | 10 | 0.05 | 1.8 | 0.1  | 27  | 0.05 | 0.028 | 25 | 22  | 0.21 | 239  |
| BRW144207 | 42   | 1.53 | 19.5 | 1.5 | 4.9  | 7    | 4  | 0.05 | 0.9 | 0.2  | 28  | 0.02 | 0.009 | 14 | 14  | 0.07 | 61   |
| BRW144207 | 40   | 1.48 | 18.9 | 1.6 | 4.3  | 6.9  | 4  | 0.05 | 0.9 | 0.2  | 28  | 0.02 | 0.008 | 15 | 13  | 0.07 | 59   |
| BRW144208 | 84   | 2.15 | 26.3 | 1.5 | 2    | 7.2  | 12 | 0.05 | 1.1 | 0.2  | 42  | 0.05 | 0.018 | 16 | 35  | 0.31 | 191  |
| BRW144208 | 87   | 2.08 | 26.6 | 1.5 | 1.7  | 7.4  | 12 | 0.1  | 1.1 | 0.2  | 44  | 0.05 | 0.019 | 17 | 37  | 0.32 | 201  |
| BRW144209 | 139  | 2.42 | 24   | 1.5 | 4.8  | 9.2  | 12 | 0.1  | 1.6 | 0.2  | 44  | 0.05 | 0.024 | 25 | 30  | 0.32 | 194  |
| BRW144210 | 126  | 2.46 | 25.3 | 1.5 | 3.2  | 9.4  | 12 | 0.1  | 1.7 | 0.2  | 44  | 0.04 | 0.026 | 24 | 28  | 0.27 | 188  |
| BRW144211 | 135  | 2.08 | 30.3 | 1.8 | 3    | 8.9  | 16 | 0.2  | 4.3 | 0.3  | 35  | 0.04 | 0.029 | 23 | 24  | 0.19 | 205  |
| BRW144255 | 566  | 4.29 | 15.7 | 1.5 | 1    | 18.6 | 14 | 0.05 | 0.2 | 0.1  | 92  | 0.2  | 0.043 | 49 | 54  | 0.99 | 265  |
| BRW144256 | 741  | 4.41 | 21.8 | 1   | 1.8  | 15.9 | 20 | 0.05 | 0.4 | 0.05 | 47  | 0.17 | 0.027 | 20 | 27  | 0.6  | 226  |
| BRW144257 | 522  | 3.52 | 12.3 | 0.7 | 5.3  | 7.1  | 15 | 0.05 | 1.9 | 0.1  | 52  | 0.16 | 0.026 | 17 | 53  | 0.6  | 270  |
| BRW144258 | 437  | 3.06 | 8.6  | 0.8 | 1.1  | 7.6  | 23 | 0.05 | 1   | 0.1  | 55  | 0.26 | 0.026 | 22 | 43  | 0.56 | 354  |
| BRW144259 | 272  | 2.78 | 14.6 | 0.8 | 3.1  | 11.6 | 28 | 0.05 | 1.2 | 0.05 | 33  | 0.12 | 0.032 | 33 | 24  | 0.21 | 304  |
| BRW144260 | 426  | 2.46 | 24.8 | 1.3 | 8.8  | 10.1 | 34 | 0.1  | 4.8 | 0.2  | 46  | 0.19 | 0.041 | 30 | 29  | 0.25 | 266  |
| BRW144261 | 1184 | 3.6  | 26.4 | 1.1 | 8.6  | 6.4  | 19 | 0.2  | 2.8 | 0.2  | 50  | 0.13 | 0.035 | 18 | 32  | 0.39 | 436  |
| BRW144262 | 348  | 1.99 | 14.7 | 0.7 | 1.8  | 5.4  | 17 | 0.2  | 2.8 | 0.1  | 34  | 0.1  | 0.033 | 22 | 19  | 0.16 | 233  |
| BRW144263 | 283  | 3.62 | 20.8 | 1.9 | 5.4  | 8.3  | 17 | 0.1  | 1.2 | 0.2  | 62  | 0.06 | 0.024 | 32 | 52  | 0.8  | 293  |
| BRW144264 | 298  | 4.11 | 29   | 2.4 | 5.6  | 8    | 20 | 0.2  | 1.5 | 0.2  | 79  | 0.07 | 0.028 | 33 | 54  | 0.57 | 285  |
| BRW144338 | 957  | 5.97 | 6    | 0.8 | 1    | 7.8  | 12 | 0.05 | 0.4 | 0.05 | 54  | 0.2  | 0.045 | 23 | 29  | 1.04 | 404  |
| BRW144340 | 878  | 4.91 | 28.8 | 1   | 9.9  | 7.3  | 26 | 0.05 | 2.9 | 0.05 | 67  | 0.27 | 0.027 | 24 | 47  | 0.72 | 447  |
| BRW144342 | 578  | 3.49 | 41.8 | 1.5 | 3.3  | 5.8  | 21 | 0.2  | 4.2 | 0.2  | 44  | 0.12 | 0.046 | 14 | 27  | 0.27 | 434  |
| BRW144342 | 588  | 3.44 | 42   | 2   | 21.9 | 5.8  | 19 | 0.1  | 4.1 | 0.2  | 43  | 0.13 | 0.046 | 15 | 27  | 0.26 | 432  |
| BRW144343 | 454  | 3.14 | 40.6 | 2.7 | 4.3  | 8.1  | 29 | 0.2  | 2   | 0.2  | 57  | 0.09 | 0.076 | 20 | 68  | 0.63 | 1086 |
| BRW144345 | 462  | 4.2  | 17.8 | 1.8 | 5.3  | 14.3 | 13 | 0.05 | 1.3 | 0.1  | 52  | 0.21 | 0.04  | 41 | 65  | 1.04 | 207  |
| BRW144347 | 549  | 4.38 | 40.1 | 1.2 | 2    | 7.8  | 13 | 0.2  | 4.1 | 0.2  | 82  | 0.12 | 0.035 | 23 | 174 | 0.84 | 327  |
| BRW144348 | 877  | 4.61 | 24.5 | 2   | 7.3  | 15.6 | 19 | 0.1  | 1.3 | 0.1  | 36  | 0.11 | 0.031 | 34 | 30  | 0.44 | 321  |
| BRW144349 | 229  | 2.8  | 19.6 | 0.9 | 4.1  | 5.3  | 19 | 0.05 | 1   | 0.2  | 60  | 0.17 | 0.015 | 14 | 40  | 0.51 | 237  |
| BRW144350 | 439  | 4.44 | 31.8 | 1.4 | 0.7  | 15.8 | 15 | 0.05 | 0.3 | 0.1  | 48  | 0.18 | 0.024 | 28 | 44  | 0.74 | 116  |
| BRW144501 | 326  | 2.71 | 6    | 0.5 | 3.2  | 3.5  | 18 | 0.05 | 0.5 | 0.1  | 37  | 0.22 | 0.042 | 10 | 18  | 0.38 | 295  |
| BRW144502 | 380  | 2.55 | 3.5  | 0.7 | 75.3 | 5.7  | 23 | 0.05 | 0.4 | 0.05 | 27  | 0.21 | 0.056 | 19 | 12  | 0.28 | 761  |
| BRW144503 | 874  | 2.7  | 4.9  | 0.7 | 3.9  | 3.9  | 20 | 0.2  | 0.4 | 0.1  | 46  | 0.22 | 0.058 | 13 | 25  | 0.45 | 277  |
| BRW144504 | 154  | 1.9  | 13   | 1.4 | 2.8  | 7.4  | 11 | 0.05 | 0.9 | 0.2  | 21  | 0.12 | 0.031 | 16 | 12  | 0.2  | 83   |
| BRW144505 | 427  | 3.84 | 4.6  | 0.9 | 1    | 7.6  | 14 | 0.05 | 0.3 | 0.2  | 61  | 0.25 | 0.095 | 22 | 52  | 0.64 | 138  |
| BRW144506 | 149  | 2.17 | 5.9  | 1   | 1.8  | 5    | 14 | 0.05 | 0.6 | 0.1  | 37  | 0.06 | 0.021 | 13 | 22  | 0.29 | 145  |
| BRW144507 | 146  | 1.93 | 7    | 0.9 | 2.7  | 3.9  | 15 | 0.05 | 0.5 | 0.2  | 45  | 0.16 | 0.017 | 14 | 26  | 0.4  | 212  |
| BRW144508 | 190  | 2.93 | 8    | 0.6 | 2.9  | 6.2  | 12 | 0.05 | 0.5 | 0.2  | 60  | 0.09 | 0.017 | 13 | 39  | 0.5  | 216  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW140662 | 0.194 | 2   | 2.31 | 0.014 | 0.72 | 0.2  | 0.02  | 5.9  | 0.5  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW140667 | 0.097 | 2   | 1.52 | 0.022 | 0.27 | 0.1  | 0.05  | 7.6  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW140669 | 0.095 | 1   | 1.85 | 0.024 | 0.15 | 0.1  | 0.03  | 7.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW140670 | 0.079 | 2   | 1.54 | 0.018 | 0.17 | 0.1  | 0.04  | 5.9  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140671 | 0.069 | 2   | 1.53 | 0.018 | 0.19 | 0.1  | 0.03  | 4.6  | 0.1  | 0.025 | 5  | 0.9  | 1DX15  | WHI10000467 |
| BRW140672 | 0.082 | 1   | 1.28 | 0.03  | 0.09 | 0.2  | 0.04  | 4.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW140674 | 0.082 | 2   | 1.5  | 0.006 | 0.42 | 0.05 | 0.02  | 3.4  | 0.4  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000467 |
| BRW140675 | 0.081 | 2   | 1.57 | 0.009 | 0.31 | 0.1  | 0.12  | 5.6  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW140676 | 0.06  | 3   | 1.83 | 0.012 | 0.31 | 0.1  | 1.14  | 9.5  | 0.3  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000467 |
| BRW140677 | 0.031 | 4   | 1.65 | 0.006 | 0.3  | 0.05 | 1.53  | 9.8  | 0.3  | 0.025 | 6  | 2    | 1DX15  | WHI10000467 |
| BRW140678 | 0.159 | 1   | 2.53 | 0.021 | 0.42 | 0.1  | 0.05  | 8.2  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW144026 | 0.066 | 1   | 1.58 | 0.011 | 0.11 | 0.1  | 0.03  | 5.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW144027 | 0.025 | 1   | 1.6  | 0.008 | 0.07 | 0.1  | 0.03  | 3.2  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW144028 | 0.019 | 2   | 1.23 | 0.004 | 0.32 | 0.05 | 0.4   | 14.8 | 0.3  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW144029 | 0.019 | 0.5 | 0.94 | 0.012 | 0.21 | 0.1  | 0.04  | 4.4  | 0.4  | 0.12  | 3  | 0.9  | 1DX15  | WHI10000467 |
| BRW144030 | 0.014 | 4   | 0.86 | 0.004 | 0.21 | 0.05 | 0.15  | 10.6 | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW144031 | 0.187 | 1   | 1.98 | 0.007 | 0.93 | 0.05 | 0.04  | 5.4  | 0.8  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW144032 | 0.217 | 1   | 2.01 | 0.007 | 0.91 | 0.05 | 0.04  | 6.1  | 0.8  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000467 |
| BRW144034 | 0.017 | 0.5 | 0.8  | 0.005 | 0.1  | 0.05 | 0.03  | 3.4  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW144035 | 0.043 | 1   | 1.36 | 0.011 | 0.06 | 0.05 | 0.03  | 3.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW144046 | 0.091 | 0.5 | 1.94 | 0.022 | 0.1  | 0.1  | 0.04  | 8    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW144051 | 0.083 | 2   | 2.08 | 0.015 | 0.29 | 0.1  | 0.09  | 9.5  | 0.2  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000467 |
| BRW144201 | 0.142 | 2   | 1.63 | 0.026 | 0.41 | 0.2  | 0.04  | 7    | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW144202 | 0.135 | 1   | 1.57 | 0.012 | 0.48 | 0.2  | 0.03  | 7    | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW144203 | 0.196 | 1   | 2.42 | 0.01  | 1.41 | 0.1  | 0.02  | 11.8 | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000467 |
| BRW144204 | 0.167 | 2   | 1.72 | 0.012 | 0.84 | 0.1  | 0.01  | 9.2  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW144205 | 0.188 | 1   | 2.53 | 0.009 | 1.12 | 0.05 | 0.07  | 14.5 | 0.5  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000467 |
| BRW144206 | 0.02  | 0.5 | 0.8  | 0.003 | 0.22 | 0.05 | 0.04  | 2.7  | 0.3  | 0.025 | 2  | 1.2  | 1DX15  | WHI10000467 |
| BRW144207 | 0.008 | 0.5 | 0.46 | 0.002 | 0.05 | 0.05 | 0.02  | 1.2  | 0.05 | 0.025 | 2  | 1    | 1DX15  | WHI10000467 |
| BRW144207 | 0.008 | 0.5 | 0.47 | 0.002 | 0.05 | 0.05 | 0.03  | 1.2  | 0.05 | 0.025 | 2  | 1    | 1DX15  | WHI10000467 |
| BRW144208 | 0.045 | 0.5 | 0.9  | 0.004 | 0.17 | 0.05 | 0.02  | 2.5  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW144208 | 0.045 | 0.5 | 0.95 | 0.007 | 0.18 | 0.05 | 0.02  | 2.6  | 0.2  | 0.025 | 3  | 0.5  | 1DX15  | WHI10000467 |
| BRW144209 | 0.04  | 1   | 1.31 | 0.005 | 0.19 | 0.05 | 0.04  | 3.1  | 0.2  | 0.025 | 4  | 1.4  | 1DX15  | WHI10000467 |
| BRW144210 | 0.037 | 2   | 1.21 | 0.004 | 0.19 | 0.05 | 0.04  | 3    | 0.2  | 0.025 | 3  | 1.2  | 1DX15  | WHI10000467 |
| BRW144211 | 0.017 | 2   | 0.87 | 0.002 | 0.16 | 0.05 | 0.12  | 3.6  | 0.2  | 0.025 | 3  | 1.7  | 1DX15  | WHI10000467 |
| BRW144255 | 0.16  | 2   | 2.23 | 0.011 | 1.02 | 0.05 | 0.02  | 5.9  | 0.8  | 0.11  | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW144256 | 0.125 | 2   | 1.74 | 0.008 | 0.8  | 0.05 | 0.03  | 10.9 | 0.4  | 0.13  | 7  | 0.6  | 1DX15  | WHI10000467 |
| BRW144257 | 0.075 | 0.5 | 1.35 | 0.009 | 0.48 | 0.05 | 0.04  | 7.3  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW144258 | 0.08  | 2   | 1.47 | 0.02  | 0.28 | 0.05 | 0.02  | 7.1  | 0.2  | 0.1   | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW144259 | 0.024 | 2   | 0.78 | 0.011 | 0.24 | 0.05 | 0.02  | 4.5  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW144260 | 0.025 | 2   | 1    | 0.006 | 0.14 | 0.1  | 0.1   | 7.9  | 0.1  | 0.06  | 3  | 1.2  | 1DX15  | WHI10000467 |
| BRW144261 | 0.04  | 1   | 1.5  | 0.007 | 0.14 | 0.1  | 0.09  | 5.3  | 0.1  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000467 |
| BRW144262 | 0.016 | 1   | 0.77 | 0.004 | 0.13 | 0.2  | 0.04  | 2.7  | 0.05 | 0.025 | 3  | 1.4  | 1DX15  | WHI10000467 |
| BRW144263 | 0.162 | 0.5 | 1.88 | 0.008 | 0.75 | 0.1  | 0.05  | 5.6  | 0.8  | 0.025 | 6  | 1.1  | 1DX15  | WHI10000467 |
| BRW144264 | 0.15  | 1   | 1.6  | 0.008 | 0.76 | 0.1  | 0.06  | 6.8  | 0.6  | 0.07  | 6  | 1.1  | 1DX15  | WHI10000467 |
| BRW144338 | 0.298 | 1   | 2.34 | 0.012 | 1.52 | 0.05 | 0.01  | 17.3 | 0.4  | 0.06  | 13 | 0.6  | 1DX15  | WHI10000467 |
| BRW144340 | 0.106 | 3   | 1.48 | 0.009 | 0.76 | 0.05 | 0.07  | 16.2 | 0.5  | 0.06  | 6  | 1    | 1DX15  | WHI10000467 |
| BRW144342 | 0.039 | 1   | 1.04 | 0.011 | 0.19 | 0.05 | 0.02  | 4    | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000467 |
| BRW144342 | 0.035 | 1   | 1.02 | 0.008 | 0.18 | 0.05 | 0.03  | 3.9  | 0.1  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000467 |
| BRW144343 | 0.084 | 2   | 1.66 | 0.006 | 0.76 | 0.05 | 0.07  | 7.9  | 0.8  | 0.12  | 7  | 2.4  | 1DX15  | WHI10000467 |
| BRW144345 | 0.186 | 0.5 | 2.3  | 0.008 | 1.1  | 0.05 | 0.04  | 4.9  | 0.6  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000467 |
| BRW144347 | 0.114 | 2   | 2.05 | 0.01  | 0.49 | 0.1  | 0.06  | 9.9  | 0.2  | 0.07  | 6  | 0.7  | 1DX15  | WHI10000467 |
| BRW144348 | 0.08  | 1   | 1.31 | 0.007 | 0.39 | 0.05 | 0.11  | 8    | 0.4  | 0.09  | 5  | 1    | 1DX15  | WHI10000467 |
| BRW144349 | 0.081 | 1   | 1.74 | 0.011 | 0.09 | 0.1  | 0.02  | 3.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW144350 | 0.113 | 1   | 2.02 | 0.008 | 0.8  | 0.05 | 0.005 | 6.6  | 0.5  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000467 |
| BRW144501 | 0.033 | 1   | 1.36 | 0.008 | 0.15 | 0.05 | 0.03  | 5.4  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW144502 | 0.037 | 2   | 1.12 | 0.009 | 0.22 | 0.1  | 0.04  | 6.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW144503 | 0.096 | 0.5 | 1.45 | 0.014 | 0.25 | 0.05 | 0.02  | 5    | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW144504 | 0.019 | 2   | 0.76 | 0.004 | 0.11 | 0.05 | 0.03  | 4    | 0.05 | 0.025 | 2  | 0.7  | 1DX15  | WHI10000467 |
| BRW144505 | 0.065 | 2   | 1.6  | 0.007 | 0.28 | 0.05 | 0.01  | 4.4  | 0.2  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000467 |
| BRW144506 | 0.026 | 1   | 1    | 0.006 | 0.11 | 0.05 | 0.02  | 3.1  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW144507 | 0.049 | 2   | 1.32 | 0.01  | 0.05 | 0.05 | 0.04  | 3.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW144508 | 0.081 | 1   | 2.24 | 0.01  | 0.17 | 0.05 | 0.02  | 3.2  | 0.1  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000467 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb    | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|------|-------|-----|------|-------|------|
| BRW144509 | Soil | 597619     | 7007240    | 07V      | 1.1 | 42.3 | 8     | 75  | 0.1  | 31.9  | 10.7 |
| BRW144510 | Soil | 597659     | 7007270    | 07V      | 0.9 | 42.7 | 14.1  | 85  | 0.05 | 33.8  | 11.1 |
| BRW144511 | Soil | 597699     | 7007301    | 07V      | 0.9 | 33.4 | 9.2   | 78  | 0.05 | 40.6  | 10.3 |
| BRW144512 | Soil | 597699     | 7007301    | 07V      | 0.8 | 44.7 | 10.7  | 87  | 0.05 | 61.8  | 12.8 |
| BRW144515 | Soil | 597817     | 7007393    | 07V      | 0.9 | 42.5 | 11.5  | 68  | 0.1  | 41.9  | 12.8 |
| BRW144517 | Soil | 597838     | 7007283    | 07V      | 0.8 | 40.3 | 12.4  | 70  | 0.1  | 119.1 | 18.8 |
| BRW144537 | Soil | 596588     | 7006940    | 07V      | 1.2 | 16.1 | 9     | 52  | 0.05 | 17.8  | 9.5  |
| BRW144538 | Soil | 596548     | 7006908    | 07V      | 0.5 | 45.9 | 7.7   | 100 | 0.05 | 26.2  | 21.6 |
| BRW144539 | Soil | 596509     | 7006879    | 07V      | 0.2 | 55.8 | 5     | 81  | 0.05 | 60    | 31.1 |
| BRW144589 | Soil | 597019     | 7007277    | 07V      | 1.2 | 36   | 11.3  | 77  | 0.05 | 25.6  | 13.2 |
| BRW144590 | Soil | 596981     | 7007249    | 07V      | 0.6 | 21.1 | 8     | 56  | 0.05 | 15    | 6.5  |
| BRW144592 | Soil | 596904     | 7007188    | 07V      | 0.5 | 13.9 | 10    | 51  | 0.05 | 10.2  | 5.1  |
| BRW144593 | Soil | 596863     | 7007156    | 07V      | 0.9 | 19.8 | 15.2  | 70  | 0.05 | 14.1  | 6.7  |
| BRW144595 | Soil | 596786     | 7007096    | 07V      | 0.8 | 19.9 | 8     | 68  | 0.05 | 6.5   | 7.6  |
| BRW144596 | Soil | 596745     | 7007064    | 07V      | 0.9 | 42.6 | 8.4   | 67  | 0.05 | 14.4  | 7.9  |
| BRW144597 | Soil | 596705     | 7007032    | 07V      | 1.3 | 37.2 | 11.1  | 66  | 0.05 | 28.7  | 11.4 |
| BRW144598 | Soil | 596665     | 7007003    | 07V      | 2.7 | 34.4 | 142.6 | 39  | 0.05 | 17.1  | 7.4  |
| BRW144598 | REP  | 596665     | 7007003    | 07V      | 2.6 | 34.7 | 141.2 | 40  | 0.05 | 16.8  | 7.3  |
| BRW144599 | Soil | 596628     | 7006971    | 07V      | 1.9 | 30.4 | 30.2  | 45  | 0.05 | 11.6  | 3.5  |
| BRW144642 | Soil | 597064     | 7006488    | 07V      | 0.8 | 14.5 | 10.6  | 56  | 0.05 | 30.2  | 12.6 |
| BRW144646 | Soil | 597062     | 7006614    | 07V      | 2.4 | 47.8 | 11.8  | 58  | 0.05 | 33    | 10.1 |
| BRW144647 | Soil | 597081     | 7006629    | 07V      | 1.6 | 33.2 | 23.1  | 80  | 0.1  | 36.3  | 11.7 |
| BRW144648 | Soil | 597101     | 7006645    | 07V      | 1.9 | 29   | 12    | 67  | 0.05 | 27.2  | 5.4  |
| BRW144649 | Soil | 597122     | 7006660    | 07V      | 1.7 | 30.1 | 9.3   | 101 | 0.05 | 48.1  | 9.2  |
| BRW144997 | Soil | 599577     | 7005914    | 07V      | 1.6 | 33.1 | 14.2  | 104 | 0.2  | 24.4  | 19.6 |
| BRW145020 | Soil | 598288     | 7006873    | 07V      | 0.8 | 33.3 | 9.1   | 56  | 0.1  | 28.8  | 9.9  |
| BRW145021 | Soil | 598326     | 7006902    | 07V      | 0.6 | 33   | 9.1   | 54  | 0.1  | 30.1  | 9.1  |
| BRW145021 | REP  | 598326     | 7006902    | 07V      | 0.6 | 32.3 | 8.7   | 55  | 0.1  | 29.1  | 9    |
| BRW145022 | Soil | 598366     | 7006931    | 07V      | 0.9 | 42.9 | 11.1  | 75  | 0.1  | 32.7  | 12.5 |
| BRW145022 | REP  | 598366     | 7006931    | 07V      | 1   | 42.4 | 11.4  | 77  | 0.1  | 33.7  | 11.8 |
| BRW145023 | Soil | 598407     | 7006964    | 07V      | 1.1 | 51.5 | 10.1  | 60  | 0.2  | 36.3  | 12   |
| BRW145024 | Soil | 598443     | 7006995    | 07V      | 1.4 | 42.9 | 11.9  | 60  | 0.1  | 38.6  | 11.9 |
| BRW145025 | Soil | 598484     | 7007024    | 07V      | 1.6 | 30.6 | 12.5  | 60  | 0.05 | 33.9  | 10.9 |
| BRW145026 | Soil | 598524     | 7007057    | 07V      | 1.2 | 35.8 | 11    | 52  | 0.05 | 29.5  | 9.3  |
| BRW90037  | Soil | 597488     | 7006756    | 07V      | 0.9 | 29.4 | 18.4  | 113 | 0.1  | 29.9  | 7.5  |
| BRW90039  | Soil | 597607     | 7006848    | 07V      | 0.5 | 28.2 | 14.5  | 74  | 0.05 | 35.3  | 9    |
| BRW90040  | Soil | 597645     | 7006879    | 07V      | 1   | 15.3 | 8.7   | 42  | 0.05 | 16.9  | 8.1  |
| BRW90041  | Soil | 597685     | 7006910    | 07V      | 0.9 | 37.1 | 10.8  | 52  | 0.05 | 33.3  | 11.9 |
| BRW90042  | Soil | 597723     | 7006940    | 07V      | 0.6 | 21.8 | 12.6  | 59  | 0.05 | 25.4  | 8.9  |
| BRW90044  | Soil | 597806     | 7007002    | 07V      | 0.6 | 25.8 | 8.9   | 56  | 0.1  | 29.5  | 10.1 |
| BRW90045  | Soil | 597842     | 7007034    | 07V      | 0.9 | 24.4 | 10.6  | 52  | 0.05 | 51.2  | 11.2 |
| BRW90046  | Soil | 597881     | 7007065    | 07V      | 0.8 | 18.9 | 8.7   | 92  | 0.05 | 16.6  | 5.6  |
| BRW90047  | Soil | 597921     | 7007095    | 07V      | 0.9 | 16.3 | 9.1   | 46  | 0.05 | 22.8  | 8.6  |
| BRW90048  | Soil | 597961     | 7007127    | 07V      | 0.7 | 29.8 | 13.7  | 60  | 0.1  | 27.6  | 11.3 |
| BRW90049  | Soil | 598001     | 7007156    | 07V      | 0.9 | 34.1 | 8.6   | 76  | 0.05 | 38.3  | 11.7 |
| BRW90050  | Soil | 598041     | 7007188    | 07V      | 1.1 | 28.5 | 31.7  | 103 | 0.05 | 37.4  | 10   |
| BRW90050  | REP  | 598041     | 7007188    | 07V      | 1.1 | 28.6 | 31.1  | 105 | 0.05 | 37.2  | 9.8  |
| BRW115533 | Soil | 599190     | 7005797    | 07V      | 0.7 | 39   | 12.3  | 108 | 0.05 | 38.9  | 11.6 |
| BRW115534 | Soil | 599228     | 7005828    | 07V      | 0.3 | 23.1 | 9.2   | 66  | 0.05 | 23.3  | 6.3  |
| BRW115535 | Soil | 599268     | 7005859    | 07V      | 1.2 | 20.2 | 8.8   | 53  | 0.05 | 35.3  | 9.6  |
| BRW115677 | Soil | 599152     | 7005767    | 07V      | 0.6 | 23.5 | 17.1  | 51  | 0.05 | 25.5  | 11.4 |
| BRW117737 | Soil | 597786     | 7006863    | 07V      | 0.5 | 30.9 | 9.8   | 38  | 0.2  | 41.9  | 10   |
| BRW117738 | Soil | 597747     | 7006833    | 07V      | 0.6 | 28.8 | 10.7  | 55  | 0.05 | 27.4  | 10.7 |
| BRW117739 | Soil | 597709     | 7006800    | 07V      | 1.2 | 37.4 | 14.2  | 87  | 0.2  | 32.6  | 13.5 |
| BRW117742 | Soil | 597592     | 7006708    | 07V      | 0.6 | 26   | 10.5  | 67  | 0.1  | 23.4  | 10.8 |
| BRW117746 | Soil | 597528     | 7006785    | 07V      | 1   | 35.1 | 19.9  | 92  | 0.2  | 29.7  | 8.6  |
| BRW121710 | Soil | 597202     | 7006596    | 07V      | 2.7 | 44.8 | 10.8  | 52  | 0.2  | 32.9  | 8.1  |
| BRW121712 | Soil | 597164     | 7006565    | 07V      | 2.2 | 42.6 | 19.1  | 54  | 0.05 | 29.7  | 8.4  |
| BRW121714 | Soil | 597123     | 7006535    | 07V      | 1.2 | 40.3 | 10.3  | 60  | 0.05 | 37.9  | 11.6 |
| BRW121716 | Soil | 597142     | 7006676    | 07V      | 9.5 | 17.9 | 15.7  | 73  | 0.05 | 35.5  | 10.4 |
| BRW121717 | Soil | 597161     | 7006690    | 07V      | 0.9 | 36.2 | 9.9   | 58  | 0.05 | 31.7  | 10.5 |
| BRW121720 | Soil | 596823     | 7006554    | 07V      | 1.7 | 20.7 | 13.4  | 79  | 0.05 | 29.1  | 10.7 |
| BRW121723 | Soil | 596882     | 7006601    | 07V      | 1   | 19.7 | 9.8   | 114 | 0.05 | 20.1  | 10.3 |

| SampleID  | Mn  | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb  | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|-----|------|------|-----|------|------|----|------|-----|------|-----|------|-------|----|-----|------|-----|
| BRW144509 | 293 | 3.16 | 6.4  | 1.5 | 3.7  | 6.5  | 23 | 0.05 | 0.5 | 0.1  | 55  | 0.25 | 0.043 | 22 | 39  | 0.45 | 328 |
| BRW144510 | 318 | 3.09 | 32.8 | 1.2 | 2.2  | 6.2  | 21 | 0.05 | 1   | 0.1  | 53  | 0.17 | 0.023 | 18 | 31  | 0.36 | 286 |
| BRW144511 | 178 | 3.12 | 10   | 1.2 | 2.3  | 7.9  | 12 | 0.05 | 0.4 | 0.1  | 53  | 0.12 | 0.021 | 22 | 46  | 0.56 | 197 |
| BRW144512 | 190 | 3.13 | 9.8  | 1.3 | 3.3  | 8.4  | 15 | 0.05 | 0.5 | 0.1  | 61  | 0.16 | 0.032 | 25 | 75  | 0.77 | 244 |
| BRW144515 | 477 | 3.13 | 15.6 | 1.2 | 3.9  | 5.6  | 27 | 0.2  | 0.8 | 0.2  | 62  | 0.56 | 0.046 | 19 | 48  | 0.56 | 376 |
| BRW144517 | 725 | 3.47 | 45   | 1.3 | 3    | 3.8  | 25 | 0.3  | 1.2 | 0.2  | 65  | 0.92 | 0.032 | 16 | 71  | 0.41 | 363 |
| BRW144537 | 249 | 3    | 10   | 0.4 | 1.8  | 4.5  | 12 | 0.05 | 0.8 | 0.2  | 66  | 0.1  | 0.029 | 14 | 33  | 0.48 | 182 |
| BRW144538 | 821 | 5.9  | 4.1  | 1   | 1.7  | 13   | 19 | 0.05 | 0.2 | 0.05 | 119 | 0.78 | 0.191 | 45 | 53  | 2    | 298 |
| BRW144539 | 793 | 5.14 | 2.5  | 0.5 | 1.6  | 5.3  | 22 | 0.05 | 0.3 | 0.05 | 121 | 0.87 | 0.094 | 29 | 165 | 2.35 | 121 |
| BRW144589 | 502 | 3.69 | 9    | 1   | 0.7  | 4.7  | 21 | 0.05 | 0.5 | 0.2  | 84  | 0.25 | 0.026 | 13 | 50  | 0.84 | 263 |
| BRW144590 | 262 | 2.51 | 6.2  | 1.4 | 1.8  | 5.8  | 20 | 0.05 | 0.4 | 0.1  | 44  | 0.26 | 0.051 | 22 | 26  | 0.51 | 259 |
| BRW144592 | 149 | 2.07 | 6.2  | 0.7 | 2.3  | 3.3  | 12 | 0.05 | 0.3 | 0.2  | 40  | 0.14 | 0.023 | 12 | 22  | 0.46 | 201 |
| BRW144593 | 199 | 2.8  | 7.8  | 1   | 1.3  | 4.5  | 19 | 0.05 | 0.5 | 0.2  | 65  | 0.25 | 0.044 | 15 | 38  | 0.58 | 236 |
| BRW144595 | 460 | 3.64 | 7.1  | 0.7 | 0.9  | 4.3  | 9  | 0.05 | 0.6 | 0.1  | 46  | 0.11 | 0.033 | 14 | 15  | 0.35 | 189 |
| BRW144596 | 341 | 3.4  | 16.8 | 1   | 4.7  | 4.3  | 15 | 0.05 | 1.7 | 0.1  | 49  | 0.18 | 0.03  | 13 | 25  | 0.49 | 227 |
| BRW144597 | 507 | 3.34 | 11.4 | 0.9 | 12.6 | 5.6  | 17 | 0.05 | 1.3 | 0.2  | 72  | 0.16 | 0.02  | 15 | 49  | 0.53 | 295 |
| BRW144598 | 169 | 1.86 | 31.7 | 1.8 | 18.6 | 4.4  | 15 | 0.05 | 1.9 | 0.2  | 43  | 0.1  | 0.029 | 11 | 30  | 0.3  | 193 |
| BRW144598 | 174 | 1.85 | 31.4 | 1.8 | 22.2 | 4.4  | 15 | 0.05 | 2   | 0.2  | 43  | 0.1  | 0.029 | 11 | 30  | 0.3  | 200 |
| BRW144599 | 84  | 1.35 | 18.1 | 1.8 | 23.9 | 10.4 | 18 | 0.1  | 2.3 | 0.2  | 26  | 0.04 | 0.018 | 17 | 18  | 0.17 | 133 |
| BRW144642 | 370 | 3.2  | 3.2  | 0.4 | 0.8  | 6.8  | 18 | 0.05 | 0.2 | 0.05 | 52  | 0.28 | 0.033 | 11 | 45  | 0.81 | 269 |
| BRW144646 | 369 | 2.6  | 24.2 | 1.4 | 11.4 | 6.3  | 19 | 0.2  | 4.1 | 0.2  | 45  | 0.14 | 0.041 | 17 | 27  | 0.29 | 265 |
| BRW144647 | 734 | 2.87 | 24.7 | 1.3 | 1.6  | 5.3  | 28 | 0.2  | 2.8 | 0.2  | 57  | 0.21 | 0.042 | 15 | 31  | 0.31 | 399 |
| BRW144648 | 157 | 2.44 | 17.5 | 1.4 | 4.9  | 8.9  | 22 | 0.05 | 1.5 | 0.1  | 35  | 0.07 | 0.032 | 30 | 31  | 0.25 | 173 |
| BRW144649 | 217 | 3.07 | 17.7 | 1   | 4    | 8    | 21 | 0.1  | 1   | 0.1  | 49  | 0.13 | 0.029 | 24 | 38  | 0.48 | 210 |
| BRW144997 | 933 | 5.52 | 13.2 | 1.5 | 4.9  | 7.8  | 16 | 0.05 | 1   | 0.2  | 107 | 0.49 | 0.067 | 26 | 68  | 1.26 | 264 |
| BRW145020 | 462 | 2.59 | 11   | 0.6 | 8.5  | 3.9  | 48 | 0.1  | 0.7 | 0.2  | 51  | 1.18 | 0.076 | 15 | 30  | 0.65 | 326 |
| BRW145021 | 387 | 2.68 | 10.1 | 1   | 3.3  | 3.5  | 34 | 0.1  | 0.6 | 0.2  | 49  | 0.88 | 0.061 | 14 | 29  | 0.66 | 270 |
| BRW145021 | 379 | 2.59 | 9.8  | 1   | 9.2  | 3.5  | 33 | 0.1  | 0.7 | 0.2  | 47  | 0.85 | 0.058 | 13 | 28  | 0.65 | 259 |
| BRW145022 | 488 | 3.23 | 13.7 | 0.8 | 2.8  | 6.5  | 28 | 0.05 | 0.9 | 0.2  | 59  | 0.52 | 0.032 | 21 | 44  | 0.72 | 325 |
| BRW145022 | 481 | 3.27 | 14.4 | 0.8 | 5.2  | 6.3  | 29 | 0.05 | 0.8 | 0.2  | 59  | 0.52 | 0.032 | 21 | 44  | 0.74 | 314 |
| BRW145023 | 467 | 2.95 | 13.8 | 0.7 | 6.6  | 4.7  | 77 | 0.1  | 0.9 | 0.2  | 54  | 3.12 | 0.047 | 17 | 35  | 0.64 | 357 |
| BRW145024 | 719 | 3.44 | 12.8 | 0.9 | 8.1  | 7.8  | 30 | 0.05 | 0.9 | 0.1  | 49  | 1    | 0.041 | 19 | 44  | 0.66 | 248 |
| BRW145025 | 322 | 3.31 | 34.2 | 0.9 | 2.7  | 5.4  | 25 | 0.1  | 1.4 | 0.2  | 61  | 0.39 | 0.018 | 17 | 37  | 0.52 | 325 |
| BRW145026 | 423 | 2.6  | 17.6 | 0.9 | 2.6  | 4.8  | 29 | 0.05 | 1   | 0.1  | 47  | 0.47 | 0.045 | 14 | 29  | 0.43 | 209 |
| BRW90037  | 444 | 2.76 | 13   | 1.7 | 6    | 4.9  | 20 | 0.3  | 1.5 | 0.2  | 49  | 0.44 | 0.051 | 18 | 29  | 0.47 | 510 |
| BRW90039  | 666 | 2.6  | 9    | 0.9 | 3.9  | 5.3  | 31 | 0.5  | 0.7 | 0.2  | 38  | 2.57 | 0.051 | 19 | 28  | 0.42 | 229 |
| BRW90040  | 286 | 1.91 | 8    | 0.7 | 2.1  | 2.5  | 16 | 0.05 | 0.7 | 0.1  | 35  | 0.21 | 0.019 | 8  | 24  | 0.23 | 134 |
| BRW90041  | 374 | 2.95 | 15   | 0.6 | 4.2  | 4.8  | 27 | 0.05 | 0.9 | 0.2  | 53  | 0.37 | 0.016 | 18 | 34  | 0.51 | 207 |
| BRW90042  | 384 | 2.7  | 11.3 | 0.9 | 1.6  | 4.4  | 24 | 0.1  | 0.8 | 0.1  | 46  | 0.82 | 0.047 | 18 | 33  | 0.56 | 268 |
| BRW90044  | 457 | 2.72 | 13.7 | 1.7 | 3.2  | 4    | 27 | 0.1  | 0.7 | 0.1  | 49  | 0.43 | 0.047 | 14 | 29  | 0.48 | 268 |
| BRW90045  | 480 | 2.64 | 12.2 | 0.4 | 2.4  | 4    | 48 | 0.2  | 0.5 | 0.1  | 59  | 2.97 | 0.031 | 17 | 71  | 0.56 | 219 |
| BRW90046  | 817 | 2.23 | 17.1 | 0.8 | 2.6  | 4.3  | 10 | 0.3  | 2.3 | 0.1  | 36  | 0.18 | 0.022 | 10 | 33  | 0.15 | 148 |
| BRW90047  | 309 | 2.47 | 10   | 0.5 | 1.7  | 3.6  | 21 | 0.1  | 0.7 | 0.2  | 54  | 0.21 | 0.017 | 12 | 33  | 0.42 | 226 |
| BRW90048  | 492 | 2.83 | 8.2  | 0.9 | 2.8  | 4    | 21 | 0.1  | 0.7 | 0.2  | 56  | 0.53 | 0.027 | 12 | 33  | 0.53 | 279 |
| BRW90049  | 265 | 2.97 | 7.9  | 1.2 | 3.5  | 7.9  | 19 | 0.05 | 0.6 | 0.1  | 49  | 0.33 | 0.021 | 22 | 39  | 0.57 | 208 |
| BRW90050  | 236 | 3.13 | 37.6 | 1.9 | 2.8  | 10.1 | 17 | 0.05 | 1.6 | 0.1  | 48  | 0.24 | 0.034 | 21 | 37  | 0.33 | 132 |
| BRW90050  | 240 | 3.2  | 37.4 | 1.9 | 2.2  | 9.9  | 17 | 0.05 | 1.6 | 0.1  | 51  | 0.24 | 0.035 | 21 | 37  | 0.33 | 132 |
| BRW115533 | 355 | 3    | 16.7 | 1.2 | 2.5  | 7.6  | 20 | 0.3  | 2.3 | 0.3  | 59  | 0.36 | 0.029 | 28 | 42  | 0.62 | 170 |
| BRW115534 | 191 | 2.35 | 5.2  | 0.7 | 1.7  | 6.1  | 9  | 0.05 | 1.2 | 0.2  | 38  | 0.11 | 0.01  | 18 | 42  | 0.51 | 155 |
| BRW115535 | 260 | 2.82 | 9.6  | 0.6 | 1.1  | 3.1  | 24 | 0.05 | 0.9 | 0.1  | 63  | 0.33 | 0.025 | 10 | 51  | 0.55 | 231 |
| BRW115677 | 382 | 2.25 | 16.1 | 1.9 | 1.4  | 8.9  | 14 | 0.2  | 2.9 | 0.3  | 38  | 0.16 | 0.02  | 15 | 23  | 0.28 | 119 |
| BRW117737 | 389 | 2.46 | 13.2 | 0.6 | 1.8  | 1.9  | 54 | 0.5  | 0.5 | 0.2  | 49  | 6.5  | 0.056 | 12 | 47  | 0.55 | 271 |
| BRW117738 | 409 | 2.64 | 10.6 | 0.5 | 2.8  | 4.3  | 25 | 0.1  | 0.7 | 0.2  | 54  | 0.6  | 0.029 | 15 | 29  | 0.54 | 251 |
| BRW117739 | 583 | 3.01 | 15.7 | 1   | 5.4  | 3.9  | 32 | 0.3  | 1.2 | 0.2  | 63  | 0.9  | 0.08  | 15 | 34  | 0.56 | 439 |
| BRW117742 | 487 | 2.7  | 10.8 | 1.1 | 3.9  | 3.5  | 30 | 0.05 | 0.9 | 0.2  | 60  | 0.58 | 0.068 | 14 | 37  | 0.57 | 638 |
| BRW117746 | 618 | 2.71 | 12.9 | 2.2 | 5    | 3.8  | 28 | 0.3  | 1.3 | 0.2  | 48  | 0.74 | 0.057 | 19 | 28  | 0.44 | 483 |
| BRW121710 | 150 | 2.84 | 21.9 | 1.3 | 38.4 | 8.2  | 18 | 0.1  | 2.8 | 0.2  | 51  | 0.08 | 0.03  | 27 | 34  | 0.27 | 210 |
| BRW121712 | 260 | 2.44 | 45.6 | 1.9 | 5.5  | 6.5  | 21 | 0.2  | 3.1 | 0.2  | 41  | 0.09 | 0.035 | 17 | 27  | 0.25 | 220 |
| BRW121714 | 383 | 3.04 | 16.3 | 0.9 | 4.8  | 8.7  | 24 | 0.05 | 1.5 | 0.1  | 53  | 0.37 | 0.032 | 22 | 40  | 0.49 | 237 |
| BRW121716 | 630 | 3.56 | 7.8  | 1   | 5.3  | 6.5  | 23 | 0.1  | 1.6 | 0.2  | 50  | 0.32 | 0.028 | 15 | 34  | 0.35 | 376 |
| BRW121717 | 333 | 2.87 | 8.9  | 1.2 | 5.1  | 7.5  | 21 | 0.05 | 0.8 | 0.1  | 59  | 0.2  | 0.02  | 24 | 38  | 0.56 | 367 |
| BRW121720 | 621 | 3.47 | 9.3  | 0.6 | 3.1  | 8.3  | 21 | 0.05 | 0.5 | 0.1  | 63  | 0.24 | 0.036 | 21 | 40  | 0.64 | 307 |
| BRW121723 | 504 | 3.94 | 8.5  | 0.8 | 1.1  | 8.9  | 22 | 0.1  | 0.5 | 0.2  | 57  | 0.22 | 0.038 | 17 | 27  | 0.74 | 309 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW144509 | 0.064 | 0.5 | 1.13 | 0.011 | 0.18 | 0.05 | 0.03  | 5.9  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000467 |
| BRW144510 | 0.066 | 2   | 1.19 | 0.012 | 0.09 | 0.1  | 0.09  | 5.7  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000467 |
| BRW144511 | 0.065 | 0.5 | 1.57 | 0.005 | 0.16 | 0.05 | 0.03  | 4.2  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000467 |
| BRW144512 | 0.085 | 2   | 1.59 | 0.007 | 0.21 | 0.05 | 0.03  | 5.7  | 0.3  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000467 |
| BRW144515 | 0.076 | 0.5 | 1.85 | 0.025 | 0.08 | 0.1  | 0.06  | 7    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW144517 | 0.038 | 1   | 1.85 | 0.017 | 0.05 | 0.1  | 0.11  | 6.8  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW144537 | 0.061 | 0.5 | 2.12 | 0.01  | 0.14 | 0.1  | 0.02  | 4    | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000467 |
| BRW144538 | 0.262 | 1   | 3.38 | 0.01  | 0.91 | 0.1  | 0.01  | 10.2 | 0.5  | 0.025 | 15 | 0.25 | 1DX15  | WHI10000467 |
| BRW144539 | 0.041 | 0.5 | 3.01 | 0.021 | 0.07 | 0.05 | 0.02  | 15.8 | 0.05 | 0.025 | 10 | 0.25 | 1DX15  | WHI10000467 |
| BRW144589 | 0.163 | 1   | 2.47 | 0.014 | 0.45 | 0.05 | 0.02  | 6.1  | 0.3  | 0.06  | 8  | 0.5  | 1DX15  | WHI10000467 |
| BRW144590 | 0.095 | 1   | 1.53 | 0.016 | 0.17 | 0.1  | 0.03  | 5.8  | 0.1  | 0.06  | 5  | 0.6  | 1DX15  | WHI10000467 |
| BRW144592 | 0.046 | 0.5 | 1.38 | 0.011 | 0.08 | 0.1  | 0.02  | 3.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW144593 | 0.096 | 1   | 1.88 | 0.014 | 0.1  | 0.1  | 0.04  | 5.3  | 0.1  | 0.1   | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW144595 | 0.098 | 1   | 1.42 | 0.008 | 0.33 | 0.05 | 0.04  | 9.3  | 0.2  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000467 |
| BRW144596 | 0.058 | 3   | 1.82 | 0.01  | 0.21 | 0.1  | 0.29  | 8.4  | 0.2  | 0.09  | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW144597 | 0.094 | 2   | 2.2  | 0.014 | 0.12 | 0.1  | 0.06  | 5.5  | 0.1  | 0.05  | 6  | 0.6  | 1DX15  | WHI10000467 |
| BRW144598 | 0.025 | 1   | 0.97 | 0.006 | 0.08 | 0.05 | 0.06  | 2.8  | 0.2  | 0.025 | 3  | 1.3  | 1DX15  | WHI10000467 |
| BRW144598 | 0.026 | 1   | 0.95 | 0.005 | 0.08 | 0.05 | 0.06  | 2.9  | 0.2  | 0.025 | 3  | 1    | 1DX15  | WHI10000467 |
| BRW144599 | 0.032 | 2   | 0.74 | 0.003 | 0.19 | 0.05 | 0.03  | 3.2  | 0.3  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000467 |
| BRW144642 | 0.15  | 2   | 2.01 | 0.011 | 0.77 | 0.05 | 0.005 | 3.5  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000467 |
| BRW144646 | 0.035 | 1   | 0.99 | 0.007 | 0.11 | 0.1  | 0.1   | 5.9  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW144647 | 0.036 | 1   | 1.05 | 0.007 | 0.2  | 0.1  | 0.03  | 4.7  | 0.1  | 0.08  | 4  | 0.7  | 1DX15  | WHI10000467 |
| BRW144648 | 0.026 | 2   | 0.99 | 0.007 | 0.21 | 0.1  | 0.03  | 3.9  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW144649 | 0.056 | 0.5 | 1.29 | 0.009 | 0.17 | 0.05 | 0.03  | 3.7  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW144997 | 0.159 | 4   | 2.2  | 0.009 | 0.84 | 0.05 | 0.09  | 16.7 | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000467 |
| BRW145020 | 0.071 | 0.5 | 1.31 | 0.045 | 0.07 | 0.2  | 0.05  | 4.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW145021 | 0.059 | 2   | 1.48 | 0.027 | 0.08 | 0.2  | 0.04  | 3.5  | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000467 |
| BRW145021 | 0.059 | 3   | 1.43 | 0.026 | 0.07 | 0.2  | 0.05  | 3.5  | 0.05 | 0.025 | 5  | 0.5  | 1DX15  | WHI10000467 |
| BRW145022 | 0.084 | 0.5 | 1.66 | 0.029 | 0.14 | 0.2  | 0.04  | 6    | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW145022 | 0.082 | 1   | 1.73 | 0.027 | 0.16 | 0.1  | 0.04  | 6    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW145023 | 0.07  | 0.5 | 1.37 | 0.038 | 0.1  | 0.1  | 0.05  | 5.1  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW145024 | 0.051 | 2   | 1.45 | 0.013 | 0.17 | 0.1  | 0.06  | 6.5  | 0.3  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000467 |
| BRW145025 | 0.064 | 2   | 1.87 | 0.011 | 0.09 | 0.1  | 0.05  | 5.4  | 0.1  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000467 |
| BRW145026 | 0.059 | 0.5 | 1.3  | 0.017 | 0.06 | 0.1  | 0.05  | 4    | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000467 |
| BRW90037  | 0.053 | 0.5 | 1.57 | 0.017 | 0.07 | 0.1  | 0.1   | 5.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW90039  | 0.027 | 2   | 1.17 | 0.011 | 0.13 | 0.05 | 0.16  | 8    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW90040  | 0.027 | 0.5 | 0.96 | 0.012 | 0.08 | 0.1  | 0.02  | 3.3  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000467 |
| BRW90041  | 0.074 | 0.5 | 1.48 | 0.022 | 0.1  | 0.1  | 0.05  | 6.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW90042  | 0.05  | 3   | 1.33 | 0.018 | 0.16 | 0.1  | 0.02  | 5    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW90044  | 0.064 | 2   | 1.23 | 0.02  | 0.06 | 0.1  | 0.04  | 4.5  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW90045  | 0.063 | 1   | 1.53 | 0.02  | 0.11 | 0.1  | 0.04  | 5.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW90046  | 0.021 | 0.5 | 0.74 | 0.004 | 0.03 | 0.2  | 0.06  | 3.9  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000467 |
| BRW90047  | 0.052 | 1   | 1.49 | 0.01  | 0.05 | 0.1  | 0.02  | 3.4  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000467 |
| BRW90048  | 0.05  | 2   | 1.41 | 0.018 | 0.06 | 0.1  | 0.05  | 4.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW90049  | 0.067 | 0.5 | 1.79 | 0.014 | 0.15 | 0.1  | 0.03  | 4.4  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000467 |
| BRW90050  | 0.04  | 1   | 1.21 | 0.005 | 0.19 | 0.05 | 0.13  | 5.5  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000467 |
| BRW90050  | 0.04  | 2   | 1.2  | 0.005 | 0.2  | 0.05 | 0.13  | 5.5  | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000467 |
| BRW115533 | 0.046 | 3   | 1.69 | 0.012 | 0.33 | 0.1  | 0.06  | 7.6  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW115534 | 0.039 | 2   | 1.41 | 0.004 | 0.28 | 0.1  | 0.05  | 3.7  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW115535 | 0.076 | 0.5 | 1.51 | 0.02  | 0.14 | 0.2  | 0.02  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW115677 | 0.027 | 2   | 1.13 | 0.006 | 0.13 | 0.1  | 0.07  | 4.7  | 0.2  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000468 |
| BRW117737 | 0.028 | 3   | 1.63 | 0.017 | 0.11 | 0.05 | 0.04  | 4.3  | 0.05 | 0.025 | 4  | 1.2  | 1DX15  | WHI10000468 |
| BRW117738 | 0.072 | 2   | 1.38 | 0.021 | 0.1  | 0.1  | 0.03  | 4.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW117739 | 0.057 | 3   | 1.56 | 0.025 | 0.09 | 0.1  | 0.07  | 5.8  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000468 |
| BRW117742 | 0.067 | 1   | 1.76 | 0.021 | 0.06 | 0.1  | 0.05  | 4.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW117746 | 0.057 | 3   | 1.29 | 0.018 | 0.05 | 0.1  | 0.09  | 4.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW121710 | 0.024 | 2   | 1.34 | 0.007 | 0.11 | 0.05 | 0.06  | 4.4  | 0.05 | 0.025 | 3  | 0.8  | 1DX15  | WHI10000468 |
| BRW121712 | 0.022 | 2   | 0.97 | 0.005 | 0.08 | 0.05 | 0.09  | 4.5  | 0.1  | 0.025 | 3  | 0.7  | 1DX15  | WHI10000468 |
| BRW121714 | 0.065 | 2   | 1.44 | 0.013 | 0.26 | 0.1  | 0.05  | 6.4  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW121716 | 0.033 | 1   | 1.31 | 0.007 | 0.13 | 0.1  | 0.03  | 3.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW121717 | 0.067 | 0.5 | 1.74 | 0.013 | 0.15 | 0.05 | 0.04  | 6.1  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW121720 | 0.118 | 0.5 | 2.01 | 0.013 | 0.39 | 0.1  | 0.02  | 7.2  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW121723 | 0.197 | 2   | 2.15 | 0.01  | 0.72 | 0.1  | 0.01  | 8.4  | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000468 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|-------|------|
| BRW121725 | Soil | 596922     | 7006631    | 07V      | 1.1 | 11.7 | 22.9 | 84  | 0.05 | 20.1  | 10.2 |
| BRW121730 | Soil | 597000     | 7006692    | 07V      | 1.3 | 42.3 | 12.6 | 77  | 0.05 | 43.9  | 7.9  |
| BRW128619 | Soil | 598761     | 7007242    | 07V      | 0.8 | 52.2 | 19.3 | 112 | 0.05 | 44.8  | 14   |
| BRW131469 | Soil | 597443     | 7006976    | 07V      | 1.2 | 12.9 | 6.3  | 112 | 0.05 | 15.3  | 8.6  |
| BRW138175 | Soil | 598916     | 7005583    | 07V      | 0.5 | 51.1 | 7.1  | 91  | 0.05 | 33.5  | 16.8 |
| BRW138175 | REP  | 598916     | 7005583    | 07V      | 0.4 | 51.2 | 7.4  | 88  | 0.05 | 32.3  | 16.4 |
| BRW138178 | Soil | 598993     | 7005644    | 07V      | 0.7 | 31.4 | 17.4 | 106 | 0.1  | 36.9  | 19.7 |
| BRW138179 | Soil | 599035     | 7005675    | 07V      | 0.7 | 45.8 | 9.2  | 61  | 0.2  | 29.2  | 15.5 |
| BRW138180 | Soil | 599074     | 7005708    | 07V      | 1.1 | 39.1 | 11.9 | 67  | 0.1  | 33.8  | 14.2 |
| BRW138182 | Soil | 599143     | 7006913    | 07V      | 2   | 35.6 | 39.1 | 89  | 0.3  | 33.9  | 11.6 |
| BRW138183 | Soil | 599105     | 7006881    | 07V      | 1.6 | 44.1 | 19.6 | 125 | 0.1  | 45.1  | 13   |
| BRW138186 | Soil | 598987     | 7006790    | 07V      | 1.6 | 28.2 | 19.2 | 67  | 0.1  | 119.4 | 20.6 |
| BRW138188 | Soil | 598907     | 7006726    | 07V      | 1.9 | 16.1 | 13   | 55  | 0.05 | 17.6  | 9.6  |
| BRW138189 | Soil | 598869     | 7006696    | 07V      | 3.1 | 17.5 | 15.4 | 70  | 0.3  | 30.5  | 14.1 |
| BRW138192 | Soil | 598750     | 7006604    | 07V      | 1.6 | 21.6 | 10   | 62  | 0.1  | 29.1  | 11   |
| BRW138196 | Soil | 598593     | 7006484    | 07V      | 2   | 22.6 | 11.6 | 75  | 0.1  | 33.7  | 11.5 |
| BRW138196 | REP  | 598593     | 7006484    | 07V      | 1.9 | 22.7 | 11.6 | 74  | 0.1  | 33.6  | 11.6 |
| BRW138201 | Soil | 598399     | 7006328    | 07V      | 1.3 | 40.1 | 12.8 | 76  | 0.1  | 33.3  | 12   |
| BRW138212 | Soil | 598005     | 7006017    | 07V      | 1.4 | 25.6 | 11.1 | 86  | 0.1  | 23.3  | 16.4 |
| BRW138264 | Soil | 597142     | 7007120    | 07V      | 0.8 | 18.2 | 8.1  | 51  | 0.05 | 6.4   | 4.7  |
| BRW138265 | Soil | 597181     | 7007150    | 07V      | 0.8 | 9.4  | 7.6  | 67  | 0.05 | 6.7   | 7.5  |
| BRW138267 | Soil | 597260     | 7007212    | 07V      | 1.1 | 44   | 10.7 | 61  | 0.05 | 26.6  | 11.4 |
| BRW138268 | Soil | 597299     | 7007244    | 07V      | 3   | 71.3 | 16.7 | 140 | 0.05 | 52.1  | 12.7 |
| BRW138268 | REP  | 597299     | 7007244    | 07V      | 2.9 | 74.7 | 16.8 | 139 | 0.05 | 53.8  | 13.7 |
| BRW138269 | Soil | 597339     | 7007274    | 07V      | 2   | 31.9 | 17.5 | 117 | 0.05 | 16.6  | 12.2 |
| BRW138270 | Soil | 597378     | 7007305    | 07V      | 1.2 | 45.5 | 11.6 | 275 | 0.05 | 12.6  | 10.3 |
| BRW138271 | Soil | 597416     | 7007335    | 07V      | 0.8 | 28.8 | 16.2 | 77  | 0.05 | 18.6  | 9.4  |
| BRW138273 | Soil | 597496     | 7007396    | 07V      | 0.8 | 77.9 | 40.3 | 151 | 0.05 | 266.5 | 18.1 |
| BRW138274 | Soil | 597537     | 7007429    | 07V      | 0.8 | 19.4 | 9.9  | 75  | 0.05 | 17.7  | 7.4  |
| BRW138275 | Soil | 597576     | 7007459    | 07V      | 3.4 | 95.2 | 13.5 | 134 | 0.05 | 79.4  | 12.6 |
| BRW138276 | Soil | 597615     | 7007491    | 07V      | 1   | 27.5 | 10.4 | 64  | 0.05 | 39.3  | 9.6  |
| BRW138277 | Soil | 597654     | 7007521    | 07V      | 1   | 29.4 | 15.5 | 81  | 0.1  | 28.4  | 9.4  |
| BRW138278 | Soil | 597693     | 7007552    | 07V      | 1   | 33.9 | 15.1 | 76  | 0.2  | 35.2  | 11.3 |
| BRW138279 | Soil | 597733     | 7007583    | 07V      | 0.8 | 21.7 | 12.9 | 61  | 0.05 | 30.9  | 7.7  |
| BRW138281 | Soil | 597632     | 7007631    | 07V      | 1.6 | 35.4 | 9.7  | 91  | 0.05 | 36.8  | 16.3 |
| BRW138282 | Soil | 597594     | 7007599    | 07V      | 1.4 | 25.6 | 18.5 | 69  | 0.1  | 27    | 11.2 |
| BRW138283 | Soil | 597555     | 7007569    | 07V      | 1.4 | 28   | 15.2 | 79  | 0.1  | 26.7  | 10   |
| BRW138283 | REP  | 597555     | 7007569    | 07V      | 1.2 | 27.4 | 14.8 | 75  | 0.2  | 25.8  | 10.2 |
| BRW138284 | Soil | 597514     | 7007538    | 07V      | 1   | 32.8 | 12.5 | 70  | 0.05 | 27.9  | 10.9 |
| BRW138285 | Soil | 597475     | 7007507    | 07V      | 0.8 | 25   | 22   | 81  | 0.05 | 34.4  | 9    |
| BRW138286 | Soil | 597436     | 7007476    | 07V      | 0.8 | 21.8 | 15.9 | 68  | 0.05 | 20.4  | 8.9  |
| BRW138287 | Soil | 597396     | 7007445    | 07V      | 0.8 | 23.3 | 18.5 | 64  | 0.05 | 15.9  | 7.9  |
| BRW138288 | Soil | 597356     | 7007415    | 07V      | 1   | 24.1 | 11.4 | 81  | 0.05 | 17.5  | 10.1 |
| BRW138289 | Soil | 597356     | 7007415    | 07V      | 0.9 | 22.8 | 10.5 | 76  | 0.05 | 16.5  | 9.7  |
| BRW138290 | Soil | 597317     | 7007384    | 07V      | 0.8 | 39   | 9.3  | 174 | 0.05 | 14    | 10.3 |
| BRW138291 | Soil | 597317     | 7007384    | 07V      | 0.8 | 40.3 | 11.2 | 176 | 0.05 | 14.7  | 11.2 |
| BRW138296 | Soil | 597120     | 7007229    | 07V      | 1.2 | 59.3 | 13.7 | 75  | 0.05 | 30.2  | 12.9 |
| BRW138447 | Soil | 597321     | 7007133    | 07V      | 0.8 | 35   | 14.7 | 74  | 0.05 | 18.4  | 9.4  |
| BRW138836 | Soil | 597524     | 7007038    | 07V      | 1   | 50.2 | 9.5  | 121 | 0.05 | 50.8  | 13.7 |
| BRW138838 | Soil | 597561     | 7007067    | 07V      | 1.7 | 33.6 | 25.3 | 85  | 0.05 | 30.6  | 10.1 |
| BRW138839 | Soil | 597600     | 7007099    | 07V      | 2.3 | 53.3 | 20.2 | 82  | 0.1  | 27.7  | 6.7  |
| BRW138840 | Soil | 597641     | 7007130    | 07V      | 2.4 | 21.9 | 10.5 | 61  | 0.1  | 21.5  | 9.9  |
| BRW138841 | Soil | 597680     | 7007160    | 07V      | 2.1 | 42.4 | 10.4 | 101 | 0.1  | 39.4  | 12.8 |
| BRW138842 | Soil | 597719     | 7007191    | 07V      | 1.7 | 31.7 | 12.2 | 102 | 0.05 | 29.2  | 8.3  |
| BRW138877 | Soil | 599000     | 7007177    | 07V      | 1.1 | 25   | 12.6 | 81  | 0.05 | 26.2  | 16.1 |
| BRW138879 | Soil | 598922     | 7007116    | 07V      | 1.9 | 66.6 | 12.8 | 95  | 0.2  | 50.4  | 14.9 |
| BRW138881 | Soil | 598842     | 7007054    | 07V      | 0.8 | 43.7 | 12.7 | 95  | 0.05 | 42.7  | 18.2 |
| BRW138884 | Soil | 598685     | 7006930    | 07V      | 1   | 35.3 | 16.4 | 50  | 0.2  | 27.4  | 10.4 |
| BRW138887 | Soil | 598566     | 7006837    | 07V      | 1.3 | 40.9 | 23.5 | 136 | 0.3  | 15    | 11.9 |
| BRW138888 | Soil | 598527     | 7006807    | 07V      | 1.1 | 24.3 | 8.1  | 61  | 0.1  | 26    | 11.9 |
| BRW138889 | Soil | 598527     | 7006807    | 07V      | 1.3 | 25.7 | 8.6  | 60  | 0.1  | 25.2  | 11.2 |
| BRW138889 | REP  | 598527     | 7006807    | 07V      | 1.2 | 25.3 | 8.8  | 60  | 0.1  | 25.8  | 11   |
| BRW139097 | Soil | 598348     | 7006796    | 07V      | 1.3 | 52.3 | 12.8 | 83  | 0.05 | 63.1  | 19   |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb  | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|----|------|-----|------|-----|------|-------|----|-----|------|-----|
| BRW121725 | 491  | 3.12 | 3.1  | 0.7 | 0.25 | 22.9 | 19 | 0.1  | 0.3 | 0.2  | 49  | 0.24 | 0.073 | 37 | 32  | 0.55 | 471 |
| BRW121730 | 319  | 2.88 | 39.2 | 1.4 | 11.8 | 7.3  | 21 | 0.2  | 1.3 | 0.2  | 58  | 0.2  | 0.043 | 20 | 43  | 0.4  | 236 |
| BRW128619 | 468  | 3.55 | 11.4 | 0.9 | 5.7  | 6.7  | 32 | 0.05 | 0.5 | 0.3  | 66  | 0.48 | 0.049 | 21 | 76  | 1.51 | 271 |
| BRW131469 | 1094 | 3.03 | 4.5  | 0.6 | 0.6  | 4.8  | 24 | 0.2  | 0.4 | 0.2  | 49  | 0.26 | 0.067 | 19 | 23  | 0.48 | 477 |
| BRW138175 | 654  | 5.52 | 10   | 0.7 | 1.6  | 5    | 24 | 0.1  | 0.2 | 0.05 | 172 | 0.9  | 0.228 | 22 | 87  | 1.35 | 148 |
| BRW138175 | 655  | 5.57 | 10   | 0.7 | 1.6  | 4.9  | 24 | 0.1  | 0.2 | 0.05 | 166 | 0.87 | 0.216 | 22 | 83  | 1.37 | 150 |
| BRW138178 | 1088 | 5.12 | 5.5  | 0.8 | 3    | 5.8  | 13 | 0.05 | 0.5 | 0.2  | 97  | 0.52 | 0.063 | 23 | 77  | 1.25 | 371 |
| BRW138179 | 687  | 3.3  | 11.9 | 0.9 | 4.7  | 3.8  | 79 | 0.1  | 1.3 | 0.2  | 69  | 5.82 | 0.048 | 16 | 61  | 0.86 | 433 |
| BRW138180 | 412  | 4.22 | 11.8 | 1   | 2.6  | 9.2  | 16 | 0.05 | 0.8 | 0.2  | 86  | 0.31 | 0.026 | 26 | 66  | 0.9  | 192 |
| BRW138182 | 433  | 3.17 | 22.3 | 2.1 | 4    | 10   | 29 | 0.1  | 1.4 | 0.2  | 40  | 0.28 | 0.072 | 26 | 24  | 0.25 | 442 |
| BRW138183 | 399  | 4.25 | 26.8 | 2.1 | 2.2  | 18.4 | 19 | 0.1  | 2.6 | 0.2  | 68  | 0.34 | 0.065 | 25 | 41  | 0.61 | 385 |
| BRW138186 | 363  | 3.18 | 58.3 | 1.3 | 5.5  | 4.4  | 27 | 0.1  | 1.7 | 0.1  | 41  | 0.54 | 0.028 | 14 | 101 | 0.44 | 413 |
| BRW138188 | 474  | 2.86 | 13.5 | 0.5 | 1.7  | 2.4  | 15 | 0.05 | 0.7 | 0.2  | 63  | 0.15 | 0.035 | 10 | 30  | 0.38 | 217 |
| BRW138189 | 959  | 2.47 | 18.8 | 1   | 4.5  | 2.8  | 21 | 0.3  | 1   | 0.2  | 43  | 0.27 | 0.059 | 14 | 37  | 0.26 | 419 |
| BRW138192 | 375  | 2.92 | 7.7  | 1.1 | 3.8  | 3.8  | 32 | 0.3  | 0.6 | 0.2  | 55  | 0.63 | 0.045 | 16 | 43  | 0.54 | 324 |
| BRW138196 | 422  | 3.28 | 6.9  | 1.2 | 2.9  | 9.4  | 17 | 0.05 | 0.4 | 0.1  | 45  | 0.42 | 0.044 | 30 | 46  | 0.82 | 224 |
| BRW138196 | 436  | 3.26 | 7    | 1.2 | 3.1  | 9.7  | 16 | 0.1  | 0.5 | 0.1  | 46  | 0.44 | 0.044 | 30 | 44  | 0.81 | 219 |
| BRW138201 | 351  | 3.22 | 8.9  | 1.2 | 35   | 9.6  | 22 | 0.05 | 1.1 | 0.2  | 51  | 0.38 | 0.05  | 30 | 32  | 0.51 | 377 |
| BRW138212 | 1123 | 3.95 | 16.6 | 1.3 | 6.9  | 8.6  | 34 | 0.1  | 0.4 | 0.1  | 69  | 0.77 | 0.078 | 30 | 41  | 0.84 | 328 |
| BRW138264 | 195  | 2.93 | 10.8 | 1.7 | 2.4  | 8.4  | 13 | 0.05 | 0.3 | 0.05 | 20  | 0.15 | 0.018 | 25 | 8   | 0.26 | 190 |
| BRW138265 | 385  | 3.31 | 3.9  | 0.6 | 2    | 6.2  | 12 | 0.05 | 0.4 | 0.05 | 31  | 0.07 | 0.02  | 14 | 13  | 0.41 | 151 |
| BRW138267 | 429  | 3.27 | 10.4 | 1   | 3.8  | 6.5  | 31 | 0.05 | 0.7 | 0.2  | 65  | 0.36 | 0.03  | 22 | 35  | 0.66 | 337 |
| BRW138268 | 287  | 4.29 | 11.2 | 2.4 | 3.4  | 15.2 | 17 | 0.1  | 0.7 | 0.2  | 82  | 0.14 | 0.043 | 33 | 41  | 0.37 | 286 |
| BRW138268 | 298  | 4.39 | 11.4 | 2.5 | 4.4  | 15.5 | 18 | 0.05 | 0.7 | 0.2  | 84  | 0.14 | 0.043 | 35 | 42  | 0.37 | 287 |
| BRW138269 | 334  | 4.19 | 4.1  | 1.6 | 2.7  | 8.3  | 18 | 0.05 | 0.7 | 0.2  | 60  | 0.22 | 0.021 | 20 | 28  | 0.78 | 241 |
| BRW138270 | 523  | 4.59 | 13.3 | 2.8 | 2.3  | 8.8  | 27 | 0.2  | 0.6 | 0.2  | 70  | 0.36 | 0.045 | 32 | 33  | 1.17 | 304 |
| BRW138271 | 349  | 3.26 | 7.1  | 1.6 | 1.3  | 8.1  | 25 | 0.05 | 0.5 | 0.2  | 62  | 0.32 | 0.053 | 27 | 30  | 0.72 | 265 |
| BRW138273 | 649  | 4.34 | 9.4  | 1.9 | 2.3  | 11.8 | 35 | 0.1  | 0.6 | 0.3  | 69  | 0.63 | 0.128 | 37 | 186 | 1.39 | 406 |
| BRW138274 | 244  | 2.67 | 6.8  | 1.3 | 2.8  | 4.8  | 23 | 0.1  | 0.4 | 0.1  | 46  | 0.35 | 0.041 | 17 | 26  | 0.52 | 263 |
| BRW138275 | 536  | 3.41 | 6.2  | 2.8 | 1.7  | 9.9  | 19 | 0.1  | 0.6 | 0.3  | 186 | 0.23 | 0.027 | 24 | 75  | 1.15 | 365 |
| BRW138276 | 295  | 2.63 | 10.8 | 0.9 | 4.1  | 4    | 21 | 0.05 | 0.5 | 0.2  | 58  | 0.25 | 0.054 | 13 | 49  | 0.58 | 224 |
| BRW138277 | 335  | 2.77 | 12.5 | 1.7 | 3.1  | 5.1  | 24 | 0.2  | 0.6 | 0.2  | 51  | 0.48 | 0.052 | 21 | 31  | 0.44 | 284 |
| BRW138278 | 425  | 3.3  | 13.7 | 2.1 | 2.3  | 5.4  | 33 | 0.2  | 0.7 | 0.2  | 61  | 0.67 | 0.054 | 20 | 45  | 0.58 | 309 |
| BRW138279 | 255  | 2.36 | 22.6 | 1.5 | 2.8  | 6.2  | 22 | 0.1  | 0.8 | 0.2  | 44  | 0.29 | 0.059 | 19 | 27  | 0.35 | 186 |
| BRW138281 | 487  | 4.21 | 12.2 | 1.1 | 1    | 6.1  | 26 | 0.1  | 0.6 | 0.2  | 76  | 0.56 | 0.101 | 19 | 58  | 1    | 378 |
| BRW138282 | 395  | 2.65 | 11.6 | 1.1 | 5.2  | 5.4  | 20 | 0.2  | 0.7 | 0.2  | 57  | 0.27 | 0.057 | 18 | 33  | 0.45 | 189 |
| BRW138283 | 322  | 2.78 | 10.3 | 1.2 | 4.5  | 4    | 25 | 0.1  | 0.6 | 0.2  | 57  | 0.31 | 0.044 | 15 | 38  | 0.5  | 245 |
| BRW138283 | 332  | 3    | 10   | 1.2 | 3.7  | 3.9  | 25 | 0.2  | 0.6 | 0.2  | 60  | 0.32 | 0.043 | 15 | 37  | 0.49 | 260 |
| BRW138284 | 443  | 2.65 | 9.7  | 1.4 | 3.5  | 5.8  | 22 | 0.2  | 0.6 | 0.2  | 60  | 0.29 | 0.04  | 18 | 40  | 0.52 | 230 |
| BRW138285 | 250  | 2.86 | 8    | 1.2 | 6.3  | 7.2  | 24 | 0.1  | 0.5 | 0.2  | 56  | 0.3  | 0.045 | 22 | 45  | 0.62 | 236 |
| BRW138286 | 207  | 2.84 | 7.3  | 1.3 | 4.2  | 5.5  | 20 | 0.05 | 0.5 | 0.2  | 61  | 0.25 | 0.03  | 18 | 37  | 0.56 | 193 |
| BRW138287 | 193  | 2.77 | 6.9  | 1.8 | 1.7  | 6.7  | 20 | 0.05 | 0.5 | 0.2  | 59  | 0.25 | 0.036 | 21 | 32  | 0.51 | 205 |
| BRW138288 | 362  | 3.65 | 6.9  | 1.2 | 1.6  | 6.3  | 24 | 0.05 | 0.4 | 0.2  | 62  | 0.28 | 0.042 | 22 | 32  | 0.79 | 240 |
| BRW138289 | 329  | 3.25 | 6    | 1.2 | 1.8  | 6.6  | 21 | 0.05 | 0.4 | 0.1  | 64  | 0.28 | 0.036 | 20 | 31  | 0.72 | 227 |
| BRW138290 | 529  | 4.18 | 8.1  | 1.4 | 1.2  | 5.7  | 33 | 0.2  | 0.3 | 0.1  | 69  | 0.43 | 0.054 | 16 | 37  | 1.28 | 476 |
| BRW138291 | 527  | 4.33 | 8.4  | 1.6 | 1.5  | 6.4  | 34 | 0.2  | 0.4 | 0.1  | 66  | 0.41 | 0.05  | 17 | 36  | 1.24 | 475 |
| BRW138296 | 638  | 3.55 | 10.8 | 2.4 | 2.6  | 8    | 30 | 0.05 | 0.8 | 0.2  | 74  | 0.31 | 0.032 | 29 | 38  | 0.74 | 358 |
| BRW138447 | 327  | 3.56 | 9.2  | 1.8 | 2.1  | 8.6  | 22 | 0.05 | 0.4 | 0.2  | 58  | 0.28 | 0.021 | 31 | 35  | 0.85 | 248 |
| BRW138836 | 199  | 4.24 | 6.4  | 1.8 | 4.4  | 10.6 | 18 | 0.1  | 0.5 | 0.2  | 79  | 0.26 | 0.051 | 32 | 52  | 0.77 | 218 |
| BRW138838 | 368  | 3.71 | 11.6 | 1.4 | 21.9 | 8.9  | 23 | 0.2  | 1.8 | 0.2  | 57  | 0.19 | 0.039 | 33 | 24  | 0.26 | 150 |
| BRW138839 | 138  | 3.21 | 9.9  | 1.5 | 4.6  | 12.1 | 12 | 0.05 | 0.9 | 0.2  | 56  | 0.05 | 0.03  | 23 | 34  | 0.32 | 131 |
| BRW138840 | 460  | 2.73 | 6.8  | 1   | 2.9  | 5    | 22 | 0.1  | 0.6 | 0.2  | 54  | 0.2  | 0.039 | 18 | 29  | 0.42 | 275 |
| BRW138841 | 325  | 4.27 | 12   | 1.2 | 1    | 7.9  | 15 | 0.05 | 0.8 | 0.2  | 79  | 0.12 | 0.043 | 20 | 39  | 0.32 | 180 |
| BRW138842 | 195  | 3.31 | 12.8 | 0.8 | 1    | 9.4  | 9  | 0.1  | 0.6 | 0.2  | 58  | 0.07 | 0.025 | 16 | 33  | 0.39 | 171 |
| BRW138877 | 556  | 3.26 | 13.9 | 1.6 | 4.6  | 5.7  | 32 | 0.1  | 0.6 | 0.2  | 51  | 0.66 | 0.084 | 17 | 30  | 0.58 | 225 |
| BRW138879 | 546  | 4.15 | 19.9 | 2.9 | 3.9  | 13.7 | 48 | 0.05 | 0.5 | 0.3  | 46  | 0.27 | 0.059 | 32 | 23  | 0.26 | 202 |
| BRW138881 | 587  | 4.61 | 6.6  | 1.2 | 4.5  | 26   | 17 | 0.05 | 0.2 | 0.3  | 44  | 0.37 | 0.046 | 56 | 44  | 1.36 | 166 |
| BRW138884 | 367  | 2.66 | 13.9 | 1.1 | 11.7 | 6.2  | 42 | 0.2  | 1.1 | 0.2  | 43  | 2.17 | 0.037 | 23 | 25  | 0.43 | 291 |
| BRW138887 | 640  | 4.73 | 10.3 | 1.1 | 3.2  | 18   | 16 | 0.05 | 0.5 | 0.3  | 52  | 0.38 | 0.035 | 36 | 24  | 1.06 | 243 |
| BRW138888 | 727  | 3.57 | 7.3  | 0.9 | 4.1  | 8.9  | 27 | 0.1  | 0.3 | 0.1  | 46  | 0.52 | 0.059 | 27 | 38  | 1.48 | 326 |
| BRW138889 | 663  | 3.34 | 7.3  | 1   | 3    | 9.5  | 24 | 0.05 | 0.4 | 0.1  | 46  | 0.5  | 0.057 | 27 | 37  | 1.37 | 319 |
| BRW138889 | 680  | 3.46 | 7.6  | 1   | 2.9  | 9    | 23 | 0.05 | 0.4 | 0.1  | 45  | 0.5  | 0.054 | 27 | 39  | 1.37 | 320 |
| BRW139097 | 672  | 4.14 | 20   | 1   | 6.5  | 6.6  | 35 | 0.05 | 1.2 | 0.2  | 74  | 0.48 | 0.03  | 16 | 71  | 0.8  | 315 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW121725 | 0.129 | 2   | 1.88 | 0.014 | 0.35 | 0.05 | 0.005 | 3.3  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW121730 | 0.047 | 1   | 1.29 | 0.011 | 0.12 | 0.1  | 0.06  | 5.6  | 0.2  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000468 |
| BRW128619 | 0.103 | 1   | 2.59 | 0.015 | 0.23 | 0.2  | 0.02  | 7.8  | 0.3  | 0.025 | 9  | 0.5  | 1DX15  | WHI10000468 |
| BRW131469 | 0.065 | 2   | 1.79 | 0.013 | 0.34 | 0.2  | 0.02  | 4.8  | 0.2  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000468 |
| BRW138175 | 0.048 | 1   | 2.6  | 0.007 | 0.49 | 0.05 | 0.02  | 17.2 | 0.3  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000468 |
| BRW138175 | 0.043 | 0.5 | 2.54 | 0.007 | 0.46 | 0.05 | 0.02  | 16.9 | 0.3  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000468 |
| BRW138178 | 0.11  | 2   | 2.32 | 0.013 | 0.72 | 0.1  | 0.04  | 15.9 | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW138179 | 0.073 | 3   | 1.42 | 0.015 | 0.3  | 0.1  | 0.08  | 10   | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW138180 | 0.161 | 2   | 2.29 | 0.014 | 0.62 | 0.2  | 0.02  | 9.5  | 0.3  | 0.025 | 8  | 1    | 1DX15  | WHI10000468 |
| BRW138182 | 0.013 | 3   | 0.98 | 0.006 | 0.17 | 0.1  | 0.12  | 4    | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000468 |
| BRW138183 | 0.116 | 3   | 1.81 | 0.01  | 0.52 | 0.1  | 0.12  | 4.1  | 0.5  | 0.025 | 7  | 1.1  | 1DX15  | WHI10000468 |
| BRW138186 | 0.026 | 2   | 1    | 0.009 | 0.07 | 0.05 | 0.1   | 6.7  | 0.2  | 0.025 | 3  | 0.5  | 1DX15  | WHI10000468 |
| BRW138188 | 0.032 | 1   | 1.71 | 0.009 | 0.06 | 0.1  | 0.03  | 2.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW138189 | 0.028 | 3   | 1    | 0.011 | 0.12 | 0.2  | 0.09  | 3.3  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW138192 | 0.066 | 2   | 1.77 | 0.015 | 0.14 | 0.1  | 0.04  | 3.8  | 0.1  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000468 |
| BRW138196 | 0.114 | 0.5 | 1.78 | 0.013 | 0.29 | 0.1  | 0.03  | 3.9  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW138196 | 0.115 | 1   | 1.84 | 0.012 | 0.3  | 0.1  | 0.03  | 4.1  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW138201 | 0.069 | 1   | 1.29 | 0.016 | 0.17 | 0.1  | 0.06  | 5.1  | 0.1  | 0.025 | 4  | 0.8  | 1DX15  | WHI10000468 |
| BRW138212 | 0.131 | 3   | 1.66 | 0.018 | 0.42 | 0.1  | 0.03  | 6.8  | 0.3  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000468 |
| BRW138264 | 0.025 | 0.5 | 1.33 | 0.008 | 0.18 | 0.05 | 0.01  | 6.4  | 0.2  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000468 |
| BRW138265 | 0.124 | 1   | 1.65 | 0.01  | 0.5  | 0.05 | 0.05  | 7    | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW138267 | 0.107 | 1   | 1.94 | 0.021 | 0.19 | 0.1  | 0.04  | 6.5  | 0.2  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000468 |
| BRW138268 | 0.068 | 0.5 | 1.43 | 0.006 | 0.25 | 0.05 | 0.04  | 7.1  | 0.3  | 0.025 | 5  | 1    | 1DX15  | WHI10000468 |
| BRW138268 | 0.069 | 0.5 | 1.46 | 0.006 | 0.26 | 0.05 | 0.03  | 7.1  | 0.3  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000468 |
| BRW138269 | 0.125 | 0.5 | 2.17 | 0.01  | 0.61 | 0.05 | 0.05  | 9.2  | 0.4  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000468 |
| BRW138270 | 0.156 | 0.5 | 2.41 | 0.012 | 0.26 | 0.05 | 0.03  | 7.9  | 0.2  | 0.025 | 7  | 0.9  | 1DX15  | WHI10000468 |
| BRW138271 | 0.174 | 1   | 2.08 | 0.019 | 0.42 | 0.1  | 0.03  | 6.7  | 0.3  | 0.025 | 7  | 0.6  | 1DX15  | WHI10000468 |
| BRW138273 | 0.159 | 1   | 2.97 | 0.015 | 0.71 | 0.2  | 0.03  | 9.3  | 0.9  | 0.025 | 9  | 0.9  | 1DX15  | WHI10000468 |
| BRW138274 | 0.073 | 0.5 | 1.64 | 0.012 | 0.1  | 0.1  | 0.02  | 3.9  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW138275 | 0.143 | 0.5 | 2.51 | 0.008 | 0.7  | 0.05 | 0.01  | 5.8  | 0.7  | 0.025 | 9  | 0.8  | 1DX15  | WHI10000468 |
| BRW138276 | 0.069 | 0.5 | 1.64 | 0.009 | 0.09 | 0.1  | 0.03  | 3.3  | 0.05 | 0.025 | 5  | 0.8  | 1DX15  | WHI10000468 |
| BRW138277 | 0.073 | 1   | 1.51 | 0.017 | 0.07 | 0.1  | 0.05  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW138278 | 0.078 | 2   | 1.76 | 0.015 | 0.07 | 0.2  | 0.05  | 4.8  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW138279 | 0.067 | 2   | 1.1  | 0.011 | 0.06 | 0.1  | 0.06  | 4.4  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW138281 | 0.12  | 1   | 2.16 | 0.015 | 0.43 | 0.1  | 0.03  | 5.6  | 0.4  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000468 |
| BRW138282 | 0.075 | 0.5 | 1.49 | 0.014 | 0.08 | 0.1  | 0.03  | 3.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW138283 | 0.07  | 0.5 | 1.77 | 0.012 | 0.06 | 0.1  | 0.04  | 4.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW138283 | 0.074 | 2   | 1.72 | 0.012 | 0.07 | 0.2  | 0.04  | 4.3  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW138284 | 0.103 | 1   | 1.52 | 0.019 | 0.11 | 0.1  | 0.11  | 4.3  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW138285 | 0.107 | 0.5 | 1.91 | 0.013 | 0.16 | 0.1  | 0.03  | 4.1  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW138286 | 0.098 | 0.5 | 1.9  | 0.015 | 0.08 | 0.1  | 0.03  | 4    | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW138287 | 0.107 | 2   | 1.9  | 0.012 | 0.12 | 0.05 | 0.03  | 4.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW138288 | 0.161 | 1   | 2.06 | 0.014 | 0.33 | 0.05 | 0.03  | 5.2  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW138289 | 0.153 | 0.5 | 2.04 | 0.011 | 0.29 | 0.1  | 0.02  | 5.2  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW138290 | 0.169 | 0.5 | 2.48 | 0.019 | 0.58 | 0.05 | 0.02  | 5.4  | 0.2  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000468 |
| BRW138291 | 0.159 | 1   | 2.28 | 0.018 | 0.55 | 0.05 | 0.02  | 5.2  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW138296 | 0.115 | 3   | 2.29 | 0.014 | 0.24 | 0.05 | 0.04  | 7.2  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW138447 | 0.085 | 0.5 | 2.34 | 0.01  | 0.19 | 0.05 | 0.01  | 6.8  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW138836 | 0.084 | 0.5 | 1.88 | 0.009 | 0.31 | 0.05 | 0.03  | 5.6  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW138838 | 0.018 | 2   | 0.95 | 0.007 | 0.14 | 0.05 | 0.06  | 4.4  | 0.1  | 0.025 | 3  | 0.6  | 1DX15  | WHI10000468 |
| BRW138839 | 0.06  | 1   | 1.31 | 0.005 | 0.33 | 0.05 | 0.03  | 3.5  | 0.4  | 0.025 | 4  | 1.2  | 1DX15  | WHI10000468 |
| BRW138840 | 0.055 | 0.5 | 1.26 | 0.008 | 0.16 | 0.1  | 0.03  | 3.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW138841 | 0.046 | 0.5 | 1.44 | 0.007 | 0.14 | 0.05 | 0.02  | 4.6  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000468 |
| BRW138842 | 0.047 | 0.5 | 1.66 | 0.008 | 0.17 | 0.05 | 0.02  | 4.4  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW138877 | 0.086 | 2   | 1.23 | 0.018 | 0.18 | 0.3  | 0.05  | 4.1  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW138879 | 0.003 | 2   | 0.9  | 0.005 | 0.28 | 0.05 | 0.1   | 7.1  | 0.3  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000468 |
| BRW138881 | 0.175 | 0.5 | 2.58 | 0.017 | 1.1  | 0.1  | 0.02  | 5    | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW138884 | 0.037 | 3   | 1.12 | 0.015 | 0.1  | 0.1  | 0.17  | 4.3  | 0.1  | 0.025 | 3  | 1    | 1DX15  | WHI10000468 |
| BRW138887 | 0.118 | 0.5 | 2.24 | 0.012 | 0.9  | 0.1  | 0.04  | 8.5  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW138888 | 0.164 | 2   | 2.33 | 0.027 | 1.04 | 0.2  | 0.02  | 4.7  | 0.5  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW138889 | 0.166 | 1   | 2.07 | 0.021 | 0.94 | 0.1  | 0.02  | 4.7  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW138889 | 0.171 | 2   | 2.11 | 0.02  | 0.96 | 0.05 | 0.02  | 4.6  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW139097 | 0.085 | 1   | 2.24 | 0.017 | 0.22 | 0.2  | 0.08  | 11.1 | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo  | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|-----|------|------|-----|------|-------|------|
| BRW139098 | Soil | 598309     | 7006763    | 07V      | 1.5 | 41.2 | 17.3 | 62  | 0.05 | 40.5  | 14   |
| BRW139099 | Soil | 598269     | 7006732    | 07V      | 0.8 | 22.3 | 10.2 | 60  | 0.05 | 24.6  | 10.7 |
| BRW139193 | Soil | 599395     | 7006594    | 07V      | 1.4 | 23.2 | 15.5 | 67  | 0.1  | 19.2  | 12.5 |
| BRW139203 | Soil | 599040     | 7006319    | 07V      | 1.4 | 31.1 | 10.3 | 52  | 0.05 | 24.7  | 11.6 |
| BRW139212 | Soil | 598681     | 7006039    | 07V      | 1.7 | 29.9 | 12.4 | 65  | 0.05 | 24.2  | 11.6 |
| BRW139223 | Soil | 599076     | 7006981    | 07V      | 1.4 | 22   | 27.6 | 68  | 0.2  | 24.4  | 11.2 |
| BRW139225 | Soil | 598997     | 7006920    | 07V      | 2.1 | 24.2 | 63.7 | 88  | 0.2  | 26.1  | 18.6 |
| BRW139226 | Soil | 598960     | 7006891    | 07V      | 1.1 | 24.4 | 9.6  | 68  | 0.2  | 21.5  | 14   |
| BRW139228 | Soil | 598879     | 7006829    | 07V      | 1.7 | 11.4 | 25.2 | 62  | 0.05 | 19.2  | 9.5  |
| BRW139234 | Soil | 598640     | 7006642    | 07V      | 2.1 | 28.5 | 20.6 | 69  | 0.2  | 32    | 12   |
| BRW139235 | Soil | 598606     | 7006614    | 07V      | 1.6 | 32.2 | 12.8 | 132 | 0.1  | 38.6  | 16.6 |
| BRW139243 | Soil | 598257     | 7006342    | 07V      | 3.6 | 53.3 | 14.5 | 127 | 0.4  | 40.1  | 11.8 |
| BRW139249 | Soil | 598059     | 7006187    | 07V      | 2.8 | 78.4 | 18.4 | 121 | 0.4  | 70.5  | 19.7 |
| BRW139252 | Soil | 597756     | 7007473    | 07V      | 0.5 | 22.1 | 11.1 | 58  | 0.05 | 23.7  | 8.2  |
| BRW139254 | Soil | 597676     | 7007410    | 07V      | 0.8 | 58.4 | 14.4 | 89  | 0.05 | 119.1 | 20.3 |
| BRW139260 | Soil | 597439     | 7007226    | 07V      | 0.5 | 6.5  | 15.9 | 42  | 0.05 | 5.9   | 3.3  |
| BRW139262 | Soil | 597361     | 7007163    | 07V      | 1.2 | 14.3 | 7    | 61  | 0.05 | 14.2  | 8.4  |
| BRW139353 | Soil | 598701     | 7006181    | 07V      | 1   | 33.4 | 15.6 | 120 | 0.05 | 27.1  | 18.5 |
| BRW139355 | Soil | 598623     | 7006120    | 07V      | 0.6 | 41.5 | 10.3 | 74  | 0.1  | 40.6  | 13.3 |
| BRW139414 | Soil | 598592     | 7006729    | 07V      | 1.5 | 25.9 | 12.9 | 61  | 0.2  | 20.8  | 11.3 |
| BRW139418 | Soil | 598434     | 7006605    | 07V      | 1.9 | 35.8 | 11.9 | 75  | 0.2  | 25.7  | 16.2 |
| BRW139421 | Soil | 598315     | 7006514    | 07V      | 1.4 | 20   | 12.5 | 60  | 0.1  | 14.7  | 7.6  |
| BRW139421 | REP  | 598315     | 7006514    | 07V      | 1.4 | 20.5 | 12.9 | 59  | 0.1  | 14.7  | 7.8  |
| BRW139718 | Soil | 597849     | 7006783    | 07V      | 0.6 | 36.7 | 9.1  | 49  | 0.2  | 44.4  | 11   |
| BRW139719 | Soil | 597888     | 7006813    | 07V      | 0.6 | 30.9 | 9.6  | 50  | 0.1  | 39.7  | 10.4 |
| BRW139721 | Soil | 597967     | 7006876    | 07V      | 1.2 | 40.8 | 11.5 | 63  | 0.3  | 39    | 18.1 |
| BRW139724 | Soil | 598085     | 7006968    | 07V      | 0.8 | 31.6 | 10.1 | 53  | 0.05 | 28.7  | 11   |
| BRW139726 | Soil | 598164     | 7007032    | 07V      | 0.9 | 31.3 | 13.1 | 55  | 0.1  | 30.2  | 12.1 |
| BRW140031 | Soil | 597912     | 7004997    | 07V      | 5.5 | 77.7 | 79.5 | 458 | 0.05 | 41.7  | 14.7 |
| BRW140120 | Soil | 597792     | 7005030    | 07V      | 1.1 | 13.8 | 8.2  | 179 | 0.05 | 18.3  | 23.5 |
| BRW140121 | Soil | 597812     | 7005044    | 07V      | 2.1 | 43.5 | 13.1 | 96  | 0.1  | 41.1  | 19.5 |
| BRW140124 | Soil | 597872     | 7005091    | 07V      | 1.8 | 17.4 | 8.1  | 57  | 0.2  | 19.5  | 13.6 |
| BRW140128 | Soil | 597671     | 7005062    | 07V      | 1   | 64.7 | 5.5  | 51  | 0.05 | 112.6 | 24.5 |
| BRW140130 | Soil | 597711     | 7005093    | 07V      | 1.7 | 43.1 | 6.9  | 76  | 0.1  | 126.6 | 28.9 |
| BRW140131 | Soil | 597731     | 7005109    | 07V      | 3.1 | 43.5 | 45.5 | 104 | 0.2  | 85    | 18.2 |
| BRW140132 | Soil | 597731     | 7005109    | 07V      | 3.4 | 41.5 | 53.1 | 98  | 0.2  | 79    | 17.5 |
| BRW140134 | Soil | 597770     | 7005139    | 07V      | 0.9 | 45   | 5.7  | 71  | 0.05 | 43.3  | 20.6 |
| BRW140138 | Soil | 597848     | 7005199    | 07V      | 0.8 | 16.5 | 4.9  | 116 | 0.05 | 14    | 15   |
| BRW140244 | Soil | 599514     | 7005992    | 07V      | 1.7 | 24.8 | 13   | 117 | 0.05 | 23    | 13.4 |
| BRW140245 | Soil | 599535     | 7006006    | 07V      | 2.5 | 42   | 15   | 81  | 0.2  | 57.7  | 15.6 |
| BRW140245 | REP  | 599535     | 7006006    | 07V      | 2.4 | 42.8 | 15   | 77  | 0.2  | 58    | 15.7 |
| BRW140257 | Soil | 599492     | 7006101    | 07V      | 2.7 | 42.6 | 31.4 | 67  | 0.2  | 26.2  | 9.6  |
| BRW140257 | REP  | 599492     | 7006101    | 07V      | 2.6 | 41.1 | 31.8 | 65  | 0.2  | 25.4  | 9.3  |
| BRW140258 | Soil | 599513     | 7006116    | 07V      | 5.9 | 39.3 | 14.2 | 71  | 0.2  | 33.2  | 13.9 |
| BRW140260 | Soil | 599551     | 7006148    | 07V      | 2.7 | 31   | 14.5 | 80  | 0.1  | 29.4  | 9.6  |
| BRW140261 | Soil | 599570     | 7006164    | 07V      | 1.8 | 28.3 | 20.2 | 94  | 0.2  | 30.9  | 11.4 |
| BRW140263 | Soil | 597786     | 7005279    | 07V      | 1.3 | 27.4 | 6.5  | 79  | 0.05 | 36.2  | 14.1 |
| BRW140264 | Soil | 597769     | 7005265    | 07V      | 1.9 | 26.3 | 8.2  | 64  | 0.05 | 23.8  | 12.1 |
| BRW140266 | Soil | 597728     | 7005235    | 07V      | 5.9 | 34.4 | 15.4 | 85  | 0.05 | 35    | 14.3 |
| BRW140267 | Soil | 597708     | 7005219    | 07V      | 1.7 | 32.8 | 10.2 | 82  | 0.1  | 29.4  | 11.1 |
| BRW140303 | Soil | 597669     | 7005188    | 07V      | 2.1 | 38.6 | 9.7  | 71  | 0.2  | 48.7  | 14.4 |
| BRW140327 | Soil | 597611     | 7005015    | 07V      | 2.6 | 21.3 | 11.3 | 82  | 0.1  | 30.8  | 13.7 |
| BRW140439 | Soil | 597679     | 7004688    | 07V      | 0.7 | 34.3 | 14.7 | 87  | 0.05 | 47.1  | 16.2 |
| BRW140441 | Soil | 597640     | 7004657    | 07V      | 1.2 | 37.6 | 6.2  | 86  | 0.05 | 51.1  | 18   |
| BRW140454 | Soil | 597812     | 7004919    | 07V      | 0.2 | 42.6 | 3.6  | 14  | 0.05 | 61.6  | 15.8 |
| BRW140456 | Soil | 597853     | 7004949    | 07V      | 3.9 | 66.8 | 14.7 | 99  | 0.1  | 76.7  | 20   |
| BRW140456 | REP  | 597853     | 7004949    | 07V      | 3.7 | 67.9 | 12   | 101 | 0.1  | 75.5  | 19.9 |
| BRW140457 | Soil | 597873     | 7004966    | 07V      | 2.2 | 43.7 | 10.8 | 109 | 0.1  | 112.4 | 19.6 |
| BRW140459 | Soil | 597873     | 7004966    | 07V      | 2.1 | 53.3 | 12.2 | 120 | 0.1  | 104.6 | 22.6 |
| BRW140509 | Soil | 597428     | 7005251    | 07V      | 1.3 | 30.5 | 10.4 | 72  | 0.1  | 35.5  | 13.2 |
| BRW140517 | Soil | 597285     | 7005270    | 07V      | 2.2 | 32.1 | 11.8 | 71  | 0.1  | 29.8  | 12.1 |
| BRW140664 | Soil | 599677     | 7005863    | 07V      | 1.4 | 19.6 | 10.3 | 59  | 0.05 | 27.7  | 11   |
| BRW140665 | Soil | 599657     | 7005850    | 07V      | 1.6 | 55.5 | 11   | 77  | 0.2  | 35.8  | 12   |

| SampleID  | Mn  | Fe   | As_   | U   | Au   | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La | Cr  | Mg   | Ba   |
|-----------|-----|------|-------|-----|------|------|----|------|------|------|-----|------|-------|----|-----|------|------|
| BRW139098 | 389 | 2.65 | 21    | 2.5 | 5.3  | 6.4  | 25 | 0.1  | 1.5  | 0.5  | 35  | 0.32 | 0.032 | 18 | 28  | 0.31 | 156  |
| BRW139099 | 431 | 2.64 | 10.6  | 0.6 | 0.6  | 4.9  | 29 | 0.05 | 0.8  | 0.2  | 53  | 0.42 | 0.028 | 15 | 32  | 0.49 | 259  |
| BRW139193 | 708 | 2.94 | 10.7  | 1.8 | 2    | 6.9  | 23 | 0.2  | 0.4  | 0.3  | 60  | 0.27 | 0.07  | 19 | 27  | 0.41 | 298  |
| BRW139203 | 365 | 2.73 | 8.6   | 1.4 | 5.9  | 5.3  | 24 | 0.05 | 0.9  | 0.2  | 64  | 0.31 | 0.014 | 16 | 38  | 0.43 | 312  |
| BRW139212 | 462 | 2.99 | 15.4  | 1.3 | 4.1  | 5.5  | 28 | 0.05 | 3.2  | 0.2  | 60  | 0.33 | 0.041 | 18 | 37  | 0.51 | 339  |
| BRW139223 | 492 | 3.17 | 13.3  | 1.7 | 1.6  | 6.4  | 22 | 0.2  | 0.8  | 0.2  | 51  | 0.34 | 0.043 | 17 | 31  | 0.35 | 339  |
| BRW139225 | 957 | 3.03 | 27.9  | 2.1 | 1.7  | 7.4  | 31 | 0.2  | 1.1  | 0.2  | 41  | 0.7  | 0.083 | 19 | 28  | 0.36 | 225  |
| BRW139226 | 539 | 3.29 | 8.3   | 2.4 | 0.8  | 5.8  | 26 | 0.2  | 0.5  | 0.1  | 50  | 0.9  | 0.044 | 22 | 31  | 0.73 | 279  |
| BRW139228 | 458 | 2.72 | 29    | 0.5 | 3.6  | 2.2  | 10 | 0.2  | 0.8  | 0.2  | 50  | 0.11 | 0.084 | 10 | 21  | 0.22 | 141  |
| BRW139234 | 509 | 3.09 | 18.3  | 1.6 | 4.3  | 6.2  | 29 | 0.2  | 0.9  | 0.2  | 55  | 0.62 | 0.049 | 21 | 42  | 0.64 | 435  |
| BRW139235 | 628 | 4.56 | 7.9   | 1   | 2    | 11.2 | 16 | 0.05 | 0.3  | 0.1  | 72  | 0.39 | 0.048 | 18 | 57  | 1.43 | 231  |
| BRW139243 | 462 | 3.02 | 25.2  | 2.1 | 13.5 | 3.4  | 33 | 0.6  | 1.9  | 0.2  | 61  | 0.58 | 0.071 | 14 | 31  | 0.56 | 455  |
| BRW139249 | 546 | 5.48 | 19.3  | 1.2 | 13.9 | 13.5 | 28 | 0.2  | 5.2  | 0.2  | 67  | 0.76 | 0.038 | 37 | 44  | 0.66 | 426  |
| BRW139252 | 203 | 2.43 | 8     | 1   | 1.8  | 5.7  | 19 | 0.05 | 0.5  | 0.1  | 48  | 0.26 | 0.049 | 17 | 36  | 0.56 | 183  |
| BRW139254 | 386 | 3.92 | 10.6  | 2.3 | 2.1  | 5.4  | 29 | 0.05 | 0.5  | 0.2  | 97  | 0.71 | 0.203 | 26 | 160 | 1.22 | 337  |
| BRW139260 | 76  | 1.47 | 2.9   | 0.8 | 1.6  | 15.9 | 33 | 0.05 | 0.3  | 0.1  | 14  | 0.07 | 0.015 | 36 | 9   | 0.19 | 88   |
| BRW139262 | 339 | 3.32 | 5.9   | 0.5 | 0.9  | 5.1  | 10 | 0.05 | 0.4  | 0.1  | 48  | 0.09 | 0.022 | 11 | 20  | 0.58 | 212  |
| BRW139353 | 580 | 4.33 | 25.8  | 0.8 | 2.5  | 4.7  | 17 | 0.05 | 0.9  | 0.2  | 95  | 0.35 | 0.027 | 22 | 82  | 1.64 | 232  |
| BRW139355 | 523 | 3.16 | 10.4  | 1.4 | 9.1  | 5.2  | 29 | 0.1  | 0.9  | 0.1  | 64  | 0.8  | 0.051 | 22 | 80  | 1.04 | 300  |
| BRW139414 | 564 | 2.46 | 14.7  | 1.1 | 4.9  | 4.1  | 48 | 0.1  | 0.7  | 0.2  | 44  | 1.29 | 0.046 | 15 | 36  | 0.6  | 334  |
| BRW139418 | 803 | 3.18 | 13.1  | 2.9 | 4    | 5.5  | 39 | 0.3  | 0.8  | 0.2  | 44  | 1.25 | 0.056 | 21 | 34  | 0.54 | 258  |
| BRW139421 | 227 | 2.77 | 11.4  | 1.1 | 2.2  | 3.6  | 33 | 0.1  | 0.8  | 0.2  | 52  | 0.88 | 0.067 | 12 | 31  | 0.58 | 209  |
| BRW139421 | 228 | 2.77 | 11.6  | 1.1 | 1.9  | 3.6  | 33 | 0.1  | 0.7  | 0.2  | 55  | 0.91 | 0.07  | 12 | 33  | 0.61 | 217  |
| BRW139718 | 320 | 2.37 | 9.5   | 0.7 | 4.6  | 3.6  | 72 | 0.3  | 0.6  | 0.1  | 44  | 8.89 | 0.038 | 15 | 39  | 0.55 | 294  |
| BRW139719 | 731 | 2.08 | 9.4   | 0.7 | 2.3  | 2.1  | 64 | 0.5  | 0.6  | 0.1  | 44  | 8.02 | 0.068 | 12 | 36  | 0.51 | 286  |
| BRW139721 | 453 | 3.12 | 18.4  | 1   | 8    | 4    | 37 | 0.1  | 1    | 0.2  | 63  | 0.9  | 0.028 | 16 | 38  | 0.52 | 204  |
| BRW139724 | 441 | 2.72 | 10.6  | 0.8 | 3.6  | 4.4  | 29 | 0.05 | 0.7  | 0.2  | 54  | 0.39 | 0.026 | 14 | 29  | 0.5  | 309  |
| BRW139726 | 440 | 2.92 | 12.8  | 1.2 | 2    | 5    | 32 | 0.1  | 1    | 0.2  | 55  | 0.55 | 0.021 | 18 | 36  | 0.53 | 263  |
| BRW140031 | 719 | 4.94 | 398.4 | 1   | 4.8  | 14.5 | 15 | 0.9  | 17.4 | 0.1  | 58  | 0.4  | 0.051 | 48 | 34  | 0.52 | 224  |
| BRW140120 | 740 | 6.26 | 2.2   | 0.5 | 2.1  | 1.7  | 15 | 0.1  | 0.1  | 0.05 | 151 | 0.29 | 0.011 | 18 | 51  | 2.57 | 1185 |
| BRW140121 | 606 | 5.18 | 31.2  | 0.6 | 2.3  | 22.8 | 17 | 0.2  | 0.4  | 0.05 | 94  | 1.52 | 0.042 | 62 | 64  | 0.79 | 436  |
| BRW140124 | 649 | 2.85 | 5.3   | 0.4 | 0.7  | 3.1  | 23 | 0.05 | 0.4  | 0.1  | 72  | 0.25 | 0.028 | 9  | 34  | 0.54 | 299  |
| BRW140128 | 382 | 2.32 | 7.6   | 0.3 | 3.4  | 2.3  | 25 | 0.05 | 0.3  | 0.05 | 50  | 0.55 | 0.035 | 7  | 183 | 0.71 | 220  |
| BRW140130 | 596 | 3.86 | 8     | 0.4 | 5.2  | 3.2  | 26 | 0.1  | 0.5  | 0.05 | 69  | 2.12 | 0.038 | 12 | 196 | 1.68 | 313  |
| BRW140131 | 769 | 4.12 | 129.8 | 0.9 | 3.4  | 14.7 | 15 | 0.2  | 1.8  | 0.05 | 50  | 0.29 | 0.028 | 27 | 37  | 0.23 | 324  |
| BRW140132 | 746 | 4.15 | 141.5 | 0.9 | 2.9  | 13.9 | 17 | 0.2  | 1.9  | 0.05 | 47  | 0.32 | 0.031 | 27 | 35  | 0.22 | 320  |
| BRW140134 | 580 | 4.48 | 15.8  | 0.6 | 0.7  | 14.1 | 13 | 0.05 | 0.4  | 0.05 | 69  | 0.51 | 0.061 | 32 | 69  | 1.54 | 507  |
| BRW140138 | 369 | 4.74 | 3.1   | 0.5 | 1.2  | 5.9  | 23 | 0.05 | 0.2  | 0.05 | 100 | 0.41 | 0.049 | 29 | 49  | 1.75 | 484  |
| BRW140244 | 712 | 5.11 | 10.1  | 1.8 | 1.2  | 8    | 20 | 0.1  | 0.6  | 0.2  | 62  | 0.29 | 0.063 | 17 | 27  | 0.49 | 258  |
| BRW140245 | 475 | 4.58 | 7.5   | 1.1 | 0.25 | 9.6  | 21 | 0.05 | 0.4  | 0.2  | 111 | 0.29 | 0.04  | 22 | 63  | 0.83 | 368  |
| BRW140245 | 481 | 4.67 | 7.5   | 1.2 | 1.3  | 9.7  | 21 | 0.1  | 0.4  | 0.2  | 109 | 0.29 | 0.041 | 22 | 61  | 0.86 | 377  |
| BRW140257 | 505 | 3.11 | 31.6  | 1.3 | 1.8  | 5.8  | 21 | 0.2  | 2.1  | 0.3  | 49  | 0.35 | 0.036 | 12 | 29  | 0.37 | 179  |
| BRW140257 | 509 | 3.13 | 32    | 1.4 | 3    | 5.8  | 19 | 0.2  | 2.1  | 0.3  | 47  | 0.35 | 0.034 | 12 | 28  | 0.35 | 172  |
| BRW140258 | 724 | 3.79 | 9.9   | 1.1 | 24.2 | 6.8  | 26 | 0.1  | 2.6  | 0.2  | 68  | 0.63 | 0.059 | 23 | 38  | 0.5  | 414  |
| BRW140260 | 434 | 3.08 | 5.7   | 1.3 | 4.4  | 8.8  | 24 | 0.2  | 0.6  | 0.2  | 60  | 0.35 | 0.064 | 21 | 35  | 0.61 | 346  |
| BRW140261 | 421 | 3.14 | 6.5   | 2.3 | 3.4  | 10.5 | 25 | 0.05 | 0.7  | 0.3  | 44  | 0.22 | 0.035 | 28 | 24  | 0.27 | 224  |
| BRW140263 | 301 | 3.48 | 5.7   | 0.5 | 2.5  | 5.7  | 16 | 0.05 | 0.3  | 0.05 | 80  | 0.24 | 0.028 | 14 | 66  | 1.03 | 274  |
| BRW140264 | 301 | 3.32 | 6.5   | 0.6 | 3.7  | 5.9  | 22 | 0.05 | 0.3  | 0.1  | 69  | 0.3  | 0.031 | 18 | 46  | 0.8  | 318  |
| BRW140266 | 429 | 3.63 | 21.4  | 1.1 | 11.4 | 10.4 | 27 | 0.3  | 1.2  | 0.1  | 59  | 0.64 | 0.052 | 29 | 45  | 0.71 | 355  |
| BRW140267 | 492 | 2.73 | 16.2  | 0.8 | 23.5 | 4.9  | 41 | 0.4  | 0.9  | 0.2  | 52  | 0.99 | 0.078 | 15 | 31  | 0.55 | 408  |
| BRW140303 | 391 | 3.06 | 11.3  | 1.1 | 6.9  | 5.4  | 27 | 0.1  | 0.6  | 0.1  | 67  | 0.5  | 0.042 | 19 | 83  | 0.66 | 349  |
| BRW140327 | 482 | 3.4  | 16.4  | 0.5 | 0.9  | 2.8  | 17 | 0.3  | 0.7  | 0.2  | 81  | 0.18 | 0.082 | 10 | 42  | 0.39 | 249  |
| BRW140439 | 657 | 4.03 | 5     | 1.1 | 3.2  | 18.2 | 17 | 0.05 | 0.2  | 0.05 | 53  | 0.33 | 0.047 | 69 | 50  | 1.02 | 234  |
| BRW140441 | 330 | 5.13 | 1.8   | 1   | 1.7  | 26.6 | 12 | 0.05 | 0.05 | 0.05 | 44  | 0.26 | 0.047 | 73 | 46  | 1.35 | 311  |
| BRW140454 | 136 | 1.05 | 2.2   | 0.1 | 0.8  | 0.7  | 13 | 0.05 | 0.1  | 0.05 | 28  | 0.4  | 0.036 | 2  | 175 | 0.83 | 81   |
| BRW140456 | 900 | 3.82 | 19.4  | 0.7 | 3.8  | 4.4  | 24 | 0.1  | 0.6  | 0.05 | 69  | 0.4  | 0.029 | 16 | 77  | 0.51 | 467  |
| BRW140456 | 903 | 3.65 | 20.3  | 0.7 | 3.2  | 4.2  | 23 | 0.1  | 0.5  | 0.05 | 70  | 0.37 | 0.028 | 16 | 73  | 0.48 | 457  |
| BRW140457 | 647 | 4.16 | 7.6   | 0.6 | 4    | 15.3 | 60 | 0.2  | 0.4  | 0.05 | 75  | 6.42 | 0.049 | 49 | 106 | 1.1  | 424  |
| BRW140459 | 666 | 4.18 | 9.3   | 0.7 | 3.1  | 17.7 | 64 | 0.2  | 0.4  | 0.05 | 84  | 5.93 | 0.05  | 47 | 108 | 1.09 | 455  |
| BRW140509 | 461 | 3.32 | 8.1   | 0.9 | 1.7  | 8.7  | 25 | 0.1  | 0.4  | 0.05 | 53  | 0.64 | 0.053 | 29 | 47  | 0.69 | 237  |
| BRW140517 | 499 | 2.96 | 8.5   | 1.2 | 4.8  | 6.6  | 33 | 0.2  | 0.5  | 0.2  | 59  | 0.66 | 0.061 | 22 | 39  | 0.53 | 421  |
| BRW140664 | 617 | 3.21 | 7.4   | 0.8 | 1.3  | 5.7  | 20 | 0.05 | 0.5  | 0.1  | 51  | 0.35 | 0.021 | 14 | 37  | 0.59 | 266  |
| BRW140665 | 646 | 3.08 | 10.1  | 1.2 | 6.4  | 4.4  | 49 | 0.2  | 0.9  | 0.2  | 71  | 2.38 | 0.078 | 16 | 34  | 0.79 | 279  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW139098 | 0.033 | 2   | 0.99 | 0.013 | 0.07 | 0.2  | 0.1   | 4.1  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000468 |
| BRW139099 | 0.081 | 1   | 1.32 | 0.02  | 0.09 | 0.1  | 0.02  | 4.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW139193 | 0.058 | 2   | 1.71 | 0.011 | 0.15 | 0.1  | 0.03  | 3.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW139203 | 0.091 | 0.5 | 1.79 | 0.014 | 0.06 | 0.1  | 0.08  | 5.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW139212 | 0.07  | 1   | 1.65 | 0.015 | 0.11 | 0.2  | 0.03  | 4.8  | 0.1  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000468 |
| BRW139223 | 0.031 | 2   | 1.16 | 0.01  | 0.18 | 0.05 | 0.14  | 6.1  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW139225 | 0.028 | 2   | 0.87 | 0.011 | 0.22 | 0.05 | 0.09  | 4.8  | 0.3  | 0.025 | 3  | 1    | 1DX15  | WHI10000468 |
| BRW139226 | 0.093 | 2   | 1.48 | 0.016 | 0.4  | 0.05 | 0.05  | 8    | 0.3  | 0.05  | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW139228 | 0.046 | 2   | 1.25 | 0.008 | 0.06 | 0.1  | 0.02  | 2    | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW139234 | 0.084 | 2   | 1.56 | 0.015 | 0.12 | 0.2  | 0.08  | 4.9  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW139235 | 0.217 | 0.5 | 2.59 | 0.013 | 0.98 | 0.1  | 0.04  | 5.2  | 0.6  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000468 |
| BRW139243 | 0.057 | 1   | 1.38 | 0.02  | 0.11 | 0.1  | 0.09  | 5.4  | 0.2  | 0.025 | 4  | 2.8  | 1DX15  | WHI10000468 |
| BRW139249 | 0.077 | 3   | 1.3  | 0.01  | 0.54 | 0.05 | 0.09  | 7.9  | 0.2  | 0.025 | 5  | 1.1  | 1DX15  | WHI10000468 |
| BRW139252 | 0.093 | 0.5 | 1.49 | 0.015 | 0.08 | 0.05 | 0.02  | 3.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW139254 | 0.096 | 0.5 | 2.52 | 0.013 | 0.44 | 0.05 | 0.02  | 6.9  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW139260 | 0.014 | 0.5 | 0.86 | 0.003 | 0.12 | 0.05 | 0.05  | 2.5  | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000468 |
| BRW139262 | 0.156 | 0.5 | 1.89 | 0.009 | 0.51 | 0.2  | 0.005 | 5.7  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW139353 | 0.184 | 0.5 | 2.56 | 0.014 | 0.59 | 0.05 | 0.02  | 9.7  | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW139355 | 0.102 | 3   | 1.65 | 0.021 | 0.2  | 0.1  | 0.05  | 6.2  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW139414 | 0.088 | 1   | 1.27 | 0.018 | 0.19 | 0.1  | 0.07  | 4.1  | 0.2  | 0.08  | 4  | 0.5  | 1DX15  | WHI10000468 |
| BRW139418 | 0.075 | 2   | 1.26 | 0.02  | 0.18 | 0.1  | 0.06  | 3.9  | 0.1  | 0.07  | 4  | 0.7  | 1DX15  | WHI10000468 |
| BRW139421 | 0.071 | 2   | 1.29 | 0.017 | 0.14 | 0.1  | 0.04  | 3.9  | 0.1  | 0.06  | 4  | 0.5  | 1DX15  | WHI10000468 |
| BRW139421 | 0.076 | 2   | 1.34 | 0.018 | 0.14 | 0.1  | 0.05  | 4    | 0.1  | 0.06  | 4  | 0.7  | 1DX15  | WHI10000468 |
| BRW139718 | 0.033 | 3   | 1.08 | 0.014 | 0.07 | 0.1  | 0.09  | 5.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW139719 | 0.03  | 3   | 1.43 | 0.013 | 0.12 | 0.05 | 0.04  | 4.9  | 0.05 | 0.07  | 4  | 0.6  | 1DX15  | WHI10000468 |
| BRW139721 | 0.069 | 2   | 1.71 | 0.016 | 0.12 | 0.1  | 0.1   | 5.3  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000468 |
| BRW139724 | 0.065 | 1   | 1.38 | 0.018 | 0.06 | 0.1  | 0.04  | 4.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW139726 | 0.067 | 2   | 1.59 | 0.017 | 0.08 | 0.2  | 0.04  | 5.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW140031 | 0.017 | 2   | 1.49 | 0.006 | 0.3  | 0.05 | 0.2   | 10.2 | 0.3  | 0.025 | 5  | 0.8  | 1DX15  | WHI10000468 |
| BRW140120 | 0.126 | 0.5 | 3.6  | 0.014 | 1.54 | 0.05 | 0.02  | 24   | 0.6  | 0.025 | 12 | 0.8  | 1DX15  | WHI10000468 |
| BRW140121 | 0.083 | 1   | 1.95 | 0.008 | 0.47 | 0.05 | 0.22  | 11.7 | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW140124 | 0.088 | 1   | 1.75 | 0.013 | 0.1  | 0.05 | 0.01  | 2.7  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW140128 | 0.047 | 2   | 1.62 | 0.016 | 0.07 | 0.05 | 0.04  | 8.2  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW140130 | 0.047 | 1   | 1.98 | 0.014 | 0.16 | 0.05 | 0.04  | 7    | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW140131 | 0.009 | 2   | 0.83 | 0.003 | 0.17 | 0.05 | 0.18  | 8.3  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000468 |
| BRW140132 | 0.007 | 2   | 0.96 | 0.004 | 0.16 | 0.05 | 0.16  | 8.4  | 0.1  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000468 |
| BRW140134 | 0.123 | 0.5 | 2.74 | 0.01  | 0.73 | 0.05 | 0.01  | 6.3  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW140138 | 0.198 | 0.5 | 3.02 | 0.018 | 0.63 | 0.05 | 0.01  | 7.4  | 0.2  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000468 |
| BRW140244 | 0.089 | 2   | 1.63 | 0.008 | 0.55 | 0.1  | 0.04  | 11.4 | 0.2  | 0.025 | 6  | 1    | 1DX15  | WHI10000468 |
| BRW140245 | 0.203 | 0.5 | 2.41 | 0.01  | 0.61 | 0.1  | 0.005 | 6.3  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000468 |
| BRW140245 | 0.195 | 2   | 2.57 | 0.011 | 0.59 | 0.1  | 0.01  | 6.5  | 0.4  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW140257 | 0.038 | 2   | 1.39 | 0.008 | 0.16 | 0.2  | 0.03  | 4    | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW140257 | 0.035 | 3   | 1.3  | 0.008 | 0.16 | 0.1  | 0.04  | 3.8  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW140258 | 0.063 | 3   | 1.39 | 0.017 | 0.24 | 0.1  | 0.1   | 11.7 | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW140260 | 0.125 | 2   | 1.55 | 0.015 | 0.46 | 0.05 | 0.03  | 4.6  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW140261 | 0.031 | 2   | 1.06 | 0.006 | 0.25 | 0.05 | 0.06  | 4.9  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW140263 | 0.137 | 0.5 | 2.37 | 0.014 | 0.21 | 0.05 | 0.01  | 4.4  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW140264 | 0.101 | 0.5 | 2.17 | 0.015 | 0.2  | 0.05 | 0.02  | 4    | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW140266 | 0.069 | 2   | 1.69 | 0.017 | 0.19 | 0.05 | 0.04  | 5.8  | 0.1  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000468 |
| BRW140267 | 0.072 | 3   | 1.19 | 0.024 | 0.08 | 0.2  | 0.05  | 3.7  | 0.05 | 0.025 | 4  | 0.7  | 1DX15  | WHI10000468 |
| BRW140303 | 0.082 | 1   | 1.89 | 0.039 | 0.08 | 0.1  | 0.05  | 5.7  | 0.05 | 0.025 | 6  | 0.8  | 1DX15  | WHI10000468 |
| BRW140327 | 0.062 | 2   | 2.29 | 0.011 | 0.06 | 0.1  | 0.01  | 3    | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW140439 | 0.133 | 1   | 1.99 | 0.014 | 0.63 | 0.05 | 0.04  | 6.5  | 0.5  | 0.025 | 6  | 0.6  | 1DX15  | WHI10000468 |
| BRW140441 | 0.244 | 0.5 | 2.73 | 0.011 | 1.5  | 0.05 | 0.02  | 3.7  | 0.7  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000468 |
| BRW140454 | 0.047 | 0.5 | 0.79 | 0.011 | 0.06 | 0.05 | 0.005 | 5.7  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000468 |
| BRW140456 | 0.044 | 2   | 1.41 | 0.012 | 0.22 | 0.05 | 0.06  | 7.2  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000468 |
| BRW140456 | 0.041 | 2   | 1.3  | 0.011 | 0.23 | 0.05 | 0.05  | 6.7  | 0.1  | 0.025 | 4  | 0.6  | 1DX15  | WHI10000468 |
| BRW140457 | 0.057 | 2   | 1.87 | 0.012 | 0.29 | 0.05 | 0.07  | 7    | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW140459 | 0.071 | 2   | 1.83 | 0.017 | 0.32 | 0.05 | 0.07  | 7.7  | 0.3  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000468 |
| BRW140509 | 0.108 | 0.5 | 1.94 | 0.017 | 0.31 | 0.1  | 0.03  | 4.4  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW140517 | 0.099 | 2   | 1.61 | 0.021 | 0.13 | 0.1  | 0.05  | 4.6  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW140664 | 0.088 | 1   | 1.99 | 0.011 | 0.33 | 0.1  | 0.02  | 5.3  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW140665 | 0.07  | 2   | 1.67 | 0.024 | 0.23 | 0.2  | 0.06  | 4.4  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000468 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni   | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|------|------|
| BRW140666 | Soil | 599639     | 7005834    | 07V      | 1.6  | 53.6  | 13.9 | 68  | 0.1  | 38   | 14.3 |
| BRW140668 | Soil | 599597     | 7005802    | 07V      | 1.1  | 32.9  | 14.3 | 93  | 0.05 | 29.2 | 10.4 |
| BRW140673 | Soil | 599778     | 7005817    | 07V      | 10.1 | 74.4  | 30.3 | 89  | 0.2  | 46.2 | 13.3 |
| BRW144036 | Soil | 599231     | 7006151    | 07V      | 1.1  | 40.5  | 10.9 | 55  | 0.05 | 33.2 | 12.1 |
| BRW144038 | Soil | 599270     | 7006180    | 07V      | 1.4  | 27.6  | 9.3  | 47  | 0.05 | 23.6 | 10.5 |
| BRW144040 | Soil | 599309     | 7006211    | 07V      | 12.9 | 36.7  | 17.9 | 52  | 0.05 | 26.7 | 10.1 |
| BRW144041 | Soil | 599330     | 7006226    | 07V      | 6.1  | 35.2  | 13.3 | 121 | 0.05 | 27.4 | 11.8 |
| BRW144044 | Soil | 599368     | 7006259    | 07V      | 1.3  | 33.3  | 9.4  | 108 | 0.05 | 24.2 | 12.3 |
| BRW144045 | Soil | 599389     | 7006273    | 07V      | 3    | 39.7  | 12.2 | 55  | 0.05 | 15.1 | 7.1  |
| BRW144055 | Soil | 599327     | 7006354    | 07V      | 1.7  | 35.1  | 13   | 54  | 0.05 | 23.6 | 8.1  |
| BRW144176 | Soil | 596835     | 7006945    | 07V      | 0.8  | 28.7  | 17.9 | 141 | 0.05 | 18.1 | 6.2  |
| BRW144177 | Soil | 596816     | 7006928    | 07V      | 1.7  | 26.5  | 21.4 | 110 | 0.05 | 27.1 | 15.6 |
| BRW144178 | Soil | 596795     | 7006912    | 07V      | 1.5  | 54.4  | 15   | 120 | 0.05 | 35.8 | 11.3 |
| BRW144180 | Soil | 596757     | 7006884    | 07V      | 4.4  | 31.5  | 31   | 93  | 0.3  | 35.3 | 16.1 |
| BRW144182 | Soil | 596718     | 7006851    | 07V      | 5.3  | 66.4  | 9.8  | 87  | 0.05 | 38   | 17.1 |
| BRW144183 | Soil | 596698     | 7006835    | 07V      | 0.2  | 25.8  | 8.4  | 67  | 0.05 | 32.7 | 27.5 |
| BRW144184 | Soil | 596677     | 7006820    | 07V      | 1.1  | 26.7  | 8.9  | 84  | 0.05 | 22.5 | 26.7 |
| BRW144186 | Soil | 596638     | 7006790    | 07V      | 1.3  | 11.9  | 6.3  | 74  | 0.05 | 14.5 | 13.7 |
| BRW144186 | REP  | 596638     | 7006790    | 07V      | 1.2  | 12.8  | 6.3  | 73  | 0.05 | 12.6 | 13.8 |
| BRW144187 | Soil | 596700     | 7006711    | 07V      | 0.4  | 84.3  | 14   | 152 | 0.05 | 14.9 | 13.3 |
| BRW144188 | Soil | 596718     | 7006727    | 07V      | 0.6  | 42.1  | 6.6  | 98  | 0.05 | 23.3 | 13   |
| BRW144189 | Soil | 596737     | 7006741    | 07V      | 0.6  | 25.9  | 5.7  | 131 | 0.05 | 7.2  | 6.9  |
| BRW144190 | Soil | 596758     | 7006757    | 07V      | 2    | 13.8  | 9.4  | 71  | 0.05 | 20.8 | 10   |
| BRW144191 | Soil | 596778     | 7006772    | 07V      | 6.3  | 23.9  | 9.5  | 71  | 0.05 | 28.4 | 8.4  |
| BRW144192 | Soil | 596798     | 7006788    | 07V      | 10.5 | 67.9  | 70.3 | 66  | 0.05 | 26.5 | 5.1  |
| BRW144193 | Soil | 596817     | 7006803    | 07V      | 3.2  | 42.8  | 10.7 | 84  | 0.1  | 26.1 | 5.9  |
| BRW144194 | Soil | 596837     | 7006819    | 07V      | 2.5  | 33.7  | 15.2 | 42  | 0.2  | 19.9 | 15.7 |
| BRW144195 | Soil | 596857     | 7006834    | 07V      | 0.9  | 36.8  | 9.3  | 71  | 0.05 | 33.9 | 4.8  |
| BRW144196 | Soil | 596877     | 7006850    | 07V      | 1.3  | 55.6  | 19.6 | 137 | 0.05 | 49.2 | 17.8 |
| BRW144197 | Soil | 596877     | 7006850    | 07V      | 1.2  | 48.1  | 17.4 | 114 | 0.05 | 40.8 | 14.3 |
| BRW144198 | Soil | 596897     | 7006864    | 07V      | 0.5  | 37    | 9.5  | 89  | 0.05 | 23.9 | 26.5 |
| BRW144199 | Soil | 596897     | 7006864    | 07V      | 0.4  | 33.2  | 8.7  | 84  | 0.05 | 23   | 23.9 |
| BRW144200 | Soil | 596763     | 7006633    | 07V      | 0.5  | 29.7  | 14.4 | 109 | 0.05 | 22.3 | 11   |
| BRW144328 | Soil | 597504     | 7006451    | 07V      | 2.5  | 51.7  | 9.3  | 68  | 0.2  | 40.4 | 10   |
| BRW144329 | Soil | 597486     | 7006436    | 07V      | 4.5  | 142.7 | 30.7 | 82  | 0.6  | 61   | 14.7 |
| BRW144330 | Soil | 597465     | 7006420    | 07V      | 6.1  | 55.2  | 10.7 | 77  | 0.05 | 49.4 | 15.5 |
| BRW144331 | Soil | 597446     | 7006405    | 07V      | 1.2  | 26    | 8    | 63  | 0.05 | 27.1 | 10.5 |
| BRW144332 | Soil | 597427     | 7006391    | 07V      | 0.8  | 72.1  | 12.1 | 109 | 0.05 | 59   | 22.6 |
| BRW144333 | Soil | 597406     | 7006374    | 07V      | 1    | 49.6  | 9.2  | 92  | 0.05 | 51.5 | 16.6 |
| BRW144334 | Soil | 597387     | 7006360    | 07V      | 1    | 60.5  | 10.1 | 61  | 0.05 | 56.6 | 16.9 |
| BRW144335 | Soil | 597367     | 7006344    | 07V      | 1.8  | 42.9  | 14   | 83  | 0.05 | 40.6 | 13.6 |
| BRW144335 | REP  | 597367     | 7006344    | 07V      | 1.7  | 46.2  | 14.8 | 86  | 0.05 | 41.6 | 15   |
| BRW144336 | Soil | 597348     | 7006328    | 07V      | 1.1  | 31.2  | 12.6 | 117 | 0.05 | 60.5 | 16.1 |
| BRW144337 | Soil | 597285     | 7006408    | 07V      | 2.4  | 49.5  | 9.1  | 105 | 0.05 | 52.9 | 15.5 |
| BRW144344 | Soil | 597424     | 7006515    | 07V      | 4.1  | 77.8  | 33.7 | 133 | 0.3  | 77.2 | 25.2 |
| BRW144346 | Soil | 597383     | 7006610    | 07V      | 1.1  | 44.1  | 3.4  | 112 | 0.05 | 19.4 | 17.2 |
| BRW144513 | Soil | 597739     | 7007332    | 07V      | 0.9  | 39.9  | 11   | 94  | 0.05 | 81.5 | 14.9 |
| BRW144514 | Soil | 597778     | 7007363    | 07V      | 0.9  | 30.6  | 8.2  | 52  | 0.05 | 30.2 | 8.9  |
| BRW144516 | Soil | 597856     | 7007424    | 07V      | 0.8  | 38.4  | 18.5 | 73  | 0.1  | 38.5 | 11.4 |
| BRW144541 | Soil | 596431     | 7006819    | 07V      | 0.7  | 27.7  | 6.6  | 93  | 0.05 | 23.4 | 20.5 |
| BRW144542 | Soil | 596388     | 7006785    | 07V      | 1.4  | 32.3  | 13.8 | 68  | 0.05 | 23.8 | 10.1 |
| BRW144543 | Soil | 596350     | 7006756    | 07V      | 1.2  | 72    | 23.7 | 120 | 0.1  | 25.8 | 9.8  |
| BRW144544 | Soil | 596311     | 7006724    | 07V      | 1.4  | 20.6  | 10.2 | 91  | 0.05 | 23.4 | 13.7 |
| BRW144545 | Soil | 596271     | 7006693    | 07V      | 1.2  | 43.4  | 8.3  | 66  | 0.05 | 38.7 | 11.5 |
| BRW144546 | Soil | 596232     | 7006662    | 07V      | 0.9  | 56.2  | 5.2  | 101 | 0.05 | 48.8 | 12.9 |
| BRW144547 | Soil | 596191     | 7006631    | 07V      | 1.4  | 73.7  | 6.2  | 98  | 0.05 | 72.3 | 20.1 |
| BRW144548 | Soil | 596153     | 7006601    | 07V      | 1    | 39.1  | 9.7  | 79  | 0.05 | 33   | 10.8 |
| BRW144549 | Soil | 596113     | 7006570    | 07V      | 2.5  | 44.2  | 11.8 | 111 | 0.05 | 66.1 | 19.4 |
| BRW144550 | Soil | 596073     | 7006539    | 07V      | 1.1  | 38.7  | 5.1  | 51  | 0.05 | 45.9 | 18.6 |
| BRW144551 | Soil | 596034     | 7006508    | 07V      | 1.1  | 21.3  | 9.5  | 45  | 0.2  | 18.5 | 11.9 |
| BRW144552 | Soil | 595995     | 7006477    | 07V      | 1.1  | 24.8  | 8.9  | 61  | 0.05 | 48.9 | 17.9 |
| BRW144553 | Soil | 595955     | 7006446    | 07V      | 1.3  | 29.1  | 9.5  | 64  | 0.05 | 56.2 | 16.1 |
| BRW144554 | Soil | 595914     | 7006415    | 07V      | 0.6  | 22    | 9    | 44  | 0.05 | 21.5 | 9.2  |

| SampleID  | Mn   | Fe   | As    | U   | Au    | Th   | Sr | Cd   | Sb   | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba   |
|-----------|------|------|-------|-----|-------|------|----|------|------|------|-----|------|-------|-----|-----|------|------|
| BRW140666 | 911  | 3.3  | 10.7  | 5   | 8.5   | 4.7  | 40 | 0.2  | 1    | 0.2  | 56  | 1.03 | 0.047 | 20  | 39  | 0.59 | 352  |
| BRW140668 | 523  | 2.76 | 9.1   | 0.6 | 3.4   | 3.6  | 69 | 0.3  | 0.8  | 0.2  | 48  | 2.53 | 0.047 | 13  | 27  | 0.78 | 343  |
| BRW140673 | 431  | 3.94 | 12.3  | 1.6 | 24.8  | 9.8  | 28 | 0.05 | 1.5  | 0.3  | 76  | 0.4  | 0.04  | 32  | 47  | 0.59 | 400  |
| BRW144036 | 338  | 3.18 | 11.3  | 0.9 | 3.9   | 5.7  | 33 | 0.05 | 0.9  | 0.2  | 76  | 0.37 | 0.013 | 18  | 47  | 0.57 | 306  |
| BRW144038 | 325  | 2.71 | 8.3   | 0.7 | 4.6   | 4.6  | 19 | 0.05 | 0.6  | 0.1  | 63  | 0.21 | 0.015 | 12  | 34  | 0.43 | 213  |
| BRW144040 | 228  | 2.84 | 12.2  | 1.2 | 22.6  | 6.3  | 24 | 0.05 | 1.4  | 0.2  | 59  | 0.22 | 0.013 | 20  | 39  | 0.4  | 251  |
| BRW144041 | 716  | 5.31 | 8.4   | 1.9 | 6.6   | 8.1  | 17 | 0.1  | 1.3  | 0.2  | 33  | 0.16 | 0.025 | 16  | 15  | 0.33 | 249  |
| BRW144044 | 423  | 4.14 | 6.2   | 1.4 | 9.3   | 7.1  | 19 | 0.05 | 1    | 0.2  | 83  | 0.23 | 0.013 | 19  | 49  | 0.72 | 388  |
| BRW144045 | 174  | 2.03 | 11.5  | 1.8 | 2.2   | 4    | 49 | 0.05 | 0.9  | 0.1  | 36  | 0.03 | 0.025 | 9   | 16  | 0.04 | 118  |
| BRW144055 | 283  | 2.44 | 8.9   | 1.5 | 7.6   | 5.4  | 20 | 0.05 | 0.8  | 0.2  | 46  | 0.18 | 0.019 | 15  | 22  | 0.33 | 186  |
| BRW144176 | 289  | 2.66 | 4     | 2.8 | 4.4   | 19.6 | 16 | 0.05 | 0.4  | 0.1  | 46  | 0.16 | 0.016 | 77  | 36  | 0.89 | 192  |
| BRW144177 | 935  | 5    | 13.3  | 1.5 | 1.1   | 7.2  | 21 | 0.05 | 2.1  | 0.1  | 53  | 0.35 | 0.072 | 18  | 27  | 0.13 | 269  |
| BRW144178 | 273  | 4.15 | 3.3   | 2.2 | 3.3   | 17   | 29 | 0.05 | 0.5  | 0.2  | 79  | 0.11 | 0.066 | 35  | 46  | 0.66 | 570  |
| BRW144180 | 761  | 3.22 | 20.1  | 1.7 | 33.4  | 3.9  | 22 | 0.05 | 1.7  | 0.3  | 59  | 0.13 | 0.041 | 12  | 33  | 0.34 | 364  |
| BRW144182 | 617  | 3.64 | 15.5  | 1.2 | 222.3 | 3.2  | 20 | 0.2  | 10.1 | 0.2  | 40  | 0.05 | 0.024 | 7   | 23  | 0.16 | 143  |
| BRW144183 | 609  | 4.33 | 1.7   | 0.6 | 1.3   | 6.7  | 26 | 0.05 | 0.2  | 0.05 | 113 | 0.88 | 0.119 | 32  | 58  | 3.01 | 175  |
| BRW144184 | 1109 | 5.09 | 3.1   | 0.5 | 1.2   | 6.1  | 22 | 0.05 | 0.5  | 0.05 | 85  | 3.2  | 0.135 | 28  | 22  | 0.59 | 148  |
| BRW144186 | 585  | 4.06 | 4.3   | 0.7 | 1.8   | 4.3  | 20 | 0.05 | 0.6  | 0.05 | 64  | 0.42 | 0.059 | 12  | 21  | 0.69 | 320  |
| BRW144186 | 585  | 3.93 | 3.9   | 0.7 | 0.6   | 4.1  | 19 | 0.1  | 0.5  | 0.05 | 63  | 0.4  | 0.059 | 11  | 20  | 0.68 | 314  |
| BRW144187 | 573  | 5.49 | 8.6   | 1.1 | 0.25  | 7.5  | 12 | 0.05 | 0.3  | 0.1  | 100 | 0.28 | 0.078 | 27  | 51  | 1.39 | 380  |
| BRW144188 | 584  | 5.69 | 15.2  | 1.1 | 1.1   | 9.3  | 16 | 0.05 | 0.2  | 0.05 | 75  | 0.41 | 0.081 | 24  | 42  | 1.31 | 377  |
| BRW144189 | 830  | 5.97 | 2.3   | 0.8 | 3.2   | 11.2 | 9  | 0.05 | 0.1  | 0.05 | 38  | 0.23 | 0.04  | 28  | 8   | 1.17 | 390  |
| BRW144190 | 442  | 3.31 | 6.6   | 0.6 | 1.5   | 8.9  | 23 | 0.1  | 0.9  | 0.1  | 48  | 0.27 | 0.052 | 17  | 28  | 0.42 | 251  |
| BRW144191 | 412  | 3.11 | 12.2  | 1   | 15.1  | 10.2 | 17 | 0.2  | 5.9  | 0.2  | 46  | 0.21 | 0.054 | 21  | 25  | 0.39 | 221  |
| BRW144192 | 295  | 3.25 | 41.6  | 4.1 | 7.9   | 6.1  | 41 | 0.3  | 22.1 | 0.3  | 45  | 0.12 | 0.099 | 23  | 15  | 0.07 | 191  |
| BRW144193 | 107  | 2.92 | 29.8  | 1.3 | 5.7   | 7.4  | 10 | 0.2  | 1.6  | 0.2  | 31  | 0.03 | 0.03  | 18  | 18  | 0.16 | 146  |
| BRW144194 | 356  | 2.49 | 19.8  | 1.2 | 4.2   | 2.3  | 14 | 0.1  | 1.6  | 0.2  | 61  | 0.13 | 0.035 | 9   | 33  | 0.34 | 216  |
| BRW144195 | 105  | 1.89 | 10.5  | 1.9 | 3.6   | 2.8  | 14 | 0.1  | 1.4  | 0.2  | 35  | 0.06 | 0.027 | 11  | 13  | 0.1  | 133  |
| BRW144196 | 541  | 4.12 | 10.3  | 3.4 | 3.4   | 15.3 | 22 | 0.2  | 3    | 0.2  | 28  | 0.18 | 0.107 | 44  | 16  | 0.16 | 244  |
| BRW144197 | 386  | 3.43 | 8.9   | 3   | 5.2   | 12.8 | 22 | 0.1  | 2.6  | 0.1  | 25  | 0.14 | 0.081 | 37  | 16  | 0.15 | 247  |
| BRW144198 | 837  | 4.98 | 16.4  | 1.1 | 2.5   | 6.1  | 23 | 0.2  | 0.4  | 0.1  | 94  | 0.66 | 0.092 | 22  | 107 | 1.28 | 624  |
| BRW144199 | 777  | 4.86 | 14.2  | 1   | 1.2   | 5.9  | 23 | 0.1  | 0.4  | 0.1  | 104 | 0.66 | 0.102 | 22  | 122 | 1.38 | 671  |
| BRW144200 | 772  | 4.28 | 6.1   | 0.6 | 3.2   | 8.9  | 24 | 0.05 | 0.3  | 0.1  | 76  | 0.48 | 0.072 | 32  | 31  | 1.11 | 345  |
| BRW144328 | 723  | 3.29 | 23.6  | 1.9 | 25.6  | 4.6  | 23 | 0.1  | 3.8  | 0.2  | 46  | 0.31 | 0.054 | 15  | 29  | 0.43 | 331  |
| BRW144329 | 1077 | 5.19 | 47.8  | 4   | 22.7  | 7    | 40 | 0.2  | 5.6  | 0.6  | 49  | 0.21 | 0.104 | 14  | 37  | 0.15 | 211  |
| BRW144330 | 802  | 3.89 | 29.3  | 2.1 | 6.6   | 9.5  | 24 | 0.1  | 5.8  | 0.2  | 51  | 0.25 | 0.068 | 22  | 32  | 0.23 | 324  |
| BRW144331 | 400  | 3.43 | 22.1  | 0.6 | 2.6   | 7.5  | 17 | 0.05 | 0.8  | 0.05 | 52  | 0.34 | 0.03  | 18  | 33  | 0.78 | 240  |
| BRW144332 | 652  | 4.7  | 18    | 0.8 | 4.7   | 14.4 | 18 | 0.05 | 1.6  | 0.05 | 67  | 0.32 | 0.022 | 44  | 60  | 1.35 | 390  |
| BRW144333 | 465  | 5.25 | 8.1   | 0.9 | 2     | 10.7 | 11 | 0.05 | 0.7  | 0.05 | 72  | 0.16 | 0.019 | 20  | 58  | 1.24 | 262  |
| BRW144334 | 631  | 3.77 | 14    | 0.8 | 1.7   | 14.4 | 13 | 0.05 | 0.6  | 0.05 | 44  | 0.3  | 0.035 | 40  | 53  | 1.17 | 279  |
| BRW144335 | 445  | 3.84 | 12.3  | 1   | 3.1   | 12.7 | 22 | 0.05 | 0.5  | 0.1  | 71  | 0.34 | 0.035 | 31  | 53  | 0.99 | 307  |
| BRW144335 | 470  | 4.07 | 13.2  | 1   | 1.4   | 13.3 | 23 | 0.05 | 0.5  | 0.1  | 74  | 0.34 | 0.035 | 31  | 56  | 1    | 306  |
| BRW144336 | 445  | 5.7  | 2.1   | 1.4 | 0.9   | 16.9 | 9  | 0.05 | 0.1  | 0.05 | 62  | 0.12 | 0.017 | 36  | 72  | 1.95 | 289  |
| BRW144337 | 612  | 4.88 | 3     | 1.3 | 3.5   | 21.9 | 14 | 0.05 | 0.1  | 0.05 | 106 | 0.33 | 0.045 | 103 | 58  | 1.95 | 353  |
| BRW144344 | 8288 | 3.7  | 133.1 | 3.6 | 6.4   | 7.5  | 25 | 0.7  | 3.4  | 0.2  | 26  | 0.11 | 0.059 | 13  | 19  | 0.13 | 1760 |
| BRW144346 | 530  | 6.86 | 5.1   | 1   | 5.2   | 2.6  | 22 | 0.1  | 0.6  | 0.05 | 82  | 0.8  | 0.242 | 18  | 15  | 0.99 | 624  |
| BRW144513 | 319  | 3.15 | 11.7  | 1.7 | 1.2   | 9.3  | 19 | 0.05 | 0.5  | 0.1  | 56  | 0.29 | 0.064 | 24  | 90  | 0.7  | 240  |
| BRW144514 | 189  | 2.43 | 15.1  | 1.3 | 3.5   | 7.2  | 20 | 0.05 | 0.7  | 0.1  | 48  | 0.16 | 0.019 | 25  | 42  | 0.35 | 203  |
| BRW144516 | 443  | 3.16 | 24.4  | 1.5 | 2.7   | 4.9  | 28 | 0.4  | 1.7  | 0.2  | 55  | 0.76 | 0.047 | 17  | 38  | 0.46 | 325  |
| BRW144541 | 582  | 5.63 | 3     | 0.7 | 0.25  | 5.8  | 18 | 0.05 | 0.1  | 0.05 | 139 | 0.31 | 0.027 | 12  | 86  | 2.21 | 443  |
| BRW144542 | 295  | 3.12 | 7.3   | 0.7 | 2.1   | 7.3  | 15 | 0.05 | 0.3  | 0.1  | 59  | 0.27 | 0.025 | 18  | 33  | 0.47 | 288  |
| BRW144543 | 720  | 3.97 | 21.5  | 1   | 3.2   | 10.5 | 21 | 0.1  | 0.4  | 0.2  | 71  | 0.28 | 0.019 | 35  | 29  | 0.64 | 292  |
| BRW144544 | 695  | 3.57 | 6.5   | 0.4 | 2.1   | 3.7  | 28 | 0.1  | 0.5  | 0.2  | 68  | 0.33 | 0.038 | 11  | 40  | 0.66 | 508  |
| BRW144545 | 277  | 3.68 | 3.8   | 1   | 0.9   | 21.8 | 26 | 0.05 | 0.3  | 0.05 | 45  | 0.31 | 0.038 | 67  | 42  | 0.91 | 362  |
| BRW144546 | 339  | 3.69 | 4.6   | 1.1 | 1     | 19.9 | 21 | 0.05 | 0.2  | 0.05 | 69  | 0.42 | 0.104 | 52  | 77  | 0.83 | 343  |
| BRW144547 | 316  | 4.23 | 3.8   | 1.1 | 1.2   | 14.9 | 33 | 0.05 | 0.2  | 0.05 | 124 | 0.39 | 0.067 | 44  | 136 | 1.53 | 630  |
| BRW144548 | 325  | 3.24 | 7.3   | 1.1 | 4     | 12.2 | 25 | 0.05 | 0.4  | 0.1  | 69  | 0.33 | 0.047 | 44  | 47  | 0.65 | 377  |
| BRW144549 | 531  | 4.26 | 15.3  | 0.8 | 3.5   | 11.3 | 41 | 0.1  | 0.5  | 0.05 | 69  | 0.15 | 0.038 | 28  | 73  | 0.17 | 263  |
| BRW144550 | 534  | 4.86 | 3.8   | 1.1 | 0.6   | 22.9 | 9  | 0.05 | 0.2  | 0.05 | 35  | 0.12 | 0.026 | 62  | 38  | 0.77 | 146  |
| BRW144551 | 463  | 2.79 | 8.6   | 0.4 | 0.25  | 3.8  | 17 | 0.05 | 0.5  | 0.2  | 64  | 0.18 | 0.021 | 10  | 33  | 0.54 | 258  |
| BRW144552 | 474  | 4.35 | 6.5   | 0.5 | 0.8   | 7.7  | 17 | 0.05 | 0.3  | 0.1  | 84  | 0.2  | 0.027 | 14  | 84  | 1.16 | 321  |
| BRW144553 | 552  | 4.53 | 12.8  | 0.6 | 2.3   | 12.6 | 13 | 0.05 | 0.8  | 0.05 | 59  | 0.15 | 0.017 | 17  | 56  | 0.89 | 245  |
| BRW144554 | 262  | 2.59 | 8.3   | 0.8 | 3     | 5.2  | 25 | 0.05 | 0.6  | 0.1  | 56  | 0.28 | 0.023 | 17  | 34  | 0.51 | 308  |

| SampleID  | Ti     | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|--------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW140666 | 0.086  | 2   | 1.56 | 0.019 | 0.23 | 0.2  | 0.08  | 6.1  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000468 |
| BRW140668 | 0.07   | 2   | 1.58 | 0.028 | 0.12 | 0.2  | 0.05  | 3.9  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW140673 | 0.072  | 2   | 1.93 | 0.013 | 0.27 | 0.1  | 0.23  | 8    | 0.2  | 0.025 | 6  | 0.5  | 1DX15  | WHI10000468 |
| BRW144036 | 0.107  | 0.5 | 1.88 | 0.024 | 0.07 | 0.2  | 0.06  | 6.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW144038 | 0.076  | 1   | 1.6  | 0.013 | 0.07 | 0.1  | 0.03  | 4    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW144040 | 0.064  | 1   | 1.51 | 0.013 | 0.07 | 0.1  | 0.06  | 5.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW144041 | 0.075  | 2   | 1.28 | 0.005 | 0.51 | 0.05 | 0.27  | 14.3 | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW144044 | 0.101  | 1   | 1.71 | 0.007 | 0.31 | 0.05 | 0.11  | 14.4 | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144045 | 0.017  | 0.5 | 0.41 | 0.001 | 0.05 | 0.1  | 0.13  | 3.3  | 0.1  | 0.025 | 1  | 0.5  | 1DX15  | WHI10000468 |
| BRW144055 | 0.072  | 0.5 | 1.25 | 0.01  | 0.15 | 0.05 | 0.11  | 4.5  | 0.2  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000468 |
| BRW144176 | 0.075  | 1   | 1.75 | 0.007 | 0.4  | 0.05 | 0.01  | 4.7  | 0.4  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000468 |
| BRW144177 | 0.0005 | 2   | 0.74 | 0.004 | 0.12 | 0.1  | 0.39  | 14.4 | 0.1  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000468 |
| BRW144178 | 0.13   | 0.5 | 1.77 | 0.006 | 0.82 | 0.05 | 0.12  | 7.9  | 0.6  | 0.025 | 6  | 1.6  | 1DX15  | WHI10000468 |
| BRW144180 | 0.029  | 0.5 | 1.35 | 0.008 | 0.09 | 0.1  | 0.07  | 6.5  | 0.4  | 0.025 | 4  | 2.1  | 1DX15  | WHI10000468 |
| BRW144182 | 0.002  | 2   | 1.12 | 0.003 | 0.09 | 0.05 | 0.13  | 4.7  | 0.05 | 0.025 | 3  | 1.6  | 1DX15  | WHI10000468 |
| BRW144183 | 0.105  | 1   | 3.25 | 0.013 | 0.22 | 0.05 | 0.01  | 10.5 | 0.2  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000468 |
| BRW144184 | 0.022  | 3   | 1.4  | 0.009 | 0.35 | 0.05 | 0.03  | 15.6 | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW144186 | 0.078  | 3   | 1.9  | 0.016 | 0.76 | 0.05 | 0.03  | 11.1 | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW144186 | 0.074  | 2   | 1.85 | 0.01  | 0.74 | 0.05 | 0.02  | 10.1 | 0.3  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000468 |
| BRW144187 | 0.246  | 0.5 | 2.99 | 0.014 | 1.72 | 0.05 | 0.01  | 13.2 | 0.7  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000468 |
| BRW144188 | 0.205  | 0.5 | 2.88 | 0.01  | 1.19 | 0.05 | 0.01  | 13.4 | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000468 |
| BRW144189 | 0.264  | 0.5 | 2.9  | 0.01  | 1.8  | 0.05 | 0.01  | 10.7 | 0.6  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000468 |
| BRW144190 | 0.066  | 3   | 1.31 | 0.016 | 0.31 | 0.1  | 0.005 | 6.8  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW144191 | 0.03   | 1   | 1.48 | 0.006 | 0.13 | 0.2  | 0.05  | 2.9  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW144192 | 0.0005 | 3   | 0.54 | 0.003 | 0.12 | 0.2  | 0.07  | 3.2  | 0.05 | 0.025 | 2  | 1.2  | 1DX15  | WHI10000468 |
| BRW144193 | 0.015  | 0.5 | 0.75 | 0.003 | 0.1  | 0.05 | 0.03  | 2.2  | 0.2  | 0.025 | 2  | 1    | 1DX15  | WHI10000468 |
| BRW144194 | 0.033  | 1   | 1.52 | 0.009 | 0.05 | 0.05 | 0.02  | 2.7  | 0.2  | 0.025 | 4  | 0.7  | 1DX15  | WHI10000468 |
| BRW144195 | 0.007  | 0.5 | 0.46 | 0.003 | 0.05 | 0.05 | 0.05  | 3    | 0.1  | 0.025 | 2  | 0.7  | 1DX15  | WHI10000468 |
| BRW144196 | 0.007  | 0.5 | 0.65 | 0.003 | 0.23 | 0.05 | 0.09  | 5.7  | 0.2  | 0.025 | 2  | 1.6  | 1DX15  | WHI10000468 |
| BRW144197 | 0.004  | 0.5 | 0.64 | 0.007 | 0.18 | 0.05 | 0.05  | 5.1  | 0.1  | 0.025 | 2  | 1.8  | 1DX15  | WHI10000468 |
| BRW144198 | 0.066  | 0.5 | 2.13 | 0.016 | 0.46 | 0.05 | 0.05  | 16.6 | 0.3  | 0.06  | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW144199 | 0.098  | 1   | 2.45 | 0.019 | 0.51 | 0.05 | 0.04  | 16.1 | 0.3  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000468 |
| BRW144200 | 0.178  | 1   | 2.09 | 0.02  | 0.91 | 0.05 | 0.02  | 10.4 | 0.4  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000468 |
| BRW144328 | 0.05   | 1   | 1.35 | 0.01  | 0.1  | 0.1  | 0.13  | 5.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW144329 | 0.005  | 1   | 0.77 | 0.005 | 0.19 | 0.2  | 0.29  | 6.1  | 0.1  | 0.11  | 2  | 1    | 1DX15  | WHI10000468 |
| BRW144330 | 0.011  | 0.5 | 1.29 | 0.006 | 0.14 | 0.2  | 0.11  | 10.1 | 0.05 | 0.025 | 3  | 1.6  | 1DX15  | WHI10000468 |
| BRW144331 | 0.084  | 1   | 1.87 | 0.012 | 0.56 | 0.05 | 0.02  | 5.7  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144332 | 0.169  | 0.5 | 2.89 | 0.012 | 0.98 | 0.05 | 0.03  | 5.1  | 0.5  | 0.025 | 10 | 1.1  | 1DX15  | WHI10000468 |
| BRW144333 | 0.204  | 1   | 2.82 | 0.008 | 1.36 | 0.05 | 0.03  | 6.8  | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000468 |
| BRW144334 | 0.105  | 0.5 | 2.29 | 0.007 | 0.49 | 0.05 | 0.01  | 3.4  | 0.4  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000468 |
| BRW144335 | 0.15   | 1   | 2.45 | 0.024 | 0.51 | 0.05 | 0.02  | 5.5  | 0.4  | 0.025 | 7  | 0.8  | 1DX15  | WHI10000468 |
| BRW144335 | 0.161  | 1   | 2.47 | 0.019 | 0.52 | 0.05 | 0.02  | 6    | 0.3  | 0.025 | 8  | 0.9  | 1DX15  | WHI10000468 |
| BRW144336 | 0.261  | 0.5 | 3.63 | 0.01  | 1.89 | 0.05 | 0.005 | 4.6  | 0.8  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000468 |
| BRW144337 | 0.192  | 0.5 | 3.17 | 0.013 | 1.53 | 0.05 | 0.02  | 5.9  | 0.7  | 0.025 | 12 | 0.7  | 1DX15  | WHI10000468 |
| BRW144344 | 0.006  | 0.5 | 0.83 | 0.004 | 0.1  | 0.05 | 0.15  | 7.4  | 0.8  | 0.025 | 3  | 0.7  | 1DX15  | WHI10000468 |
| BRW144346 | 0.102  | 0.5 | 2.31 | 0.014 | 0.64 | 0.05 | 0.03  | 8.4  | 0.8  | 0.025 | 12 | 0.25 | 1DX15  | WHI10000468 |
| BRW144513 | 0.071  | 0.5 | 1.36 | 0.006 | 0.26 | 0.05 | 0.03  | 5.3  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW144514 | 0.053  | 0.5 | 1.25 | 0.007 | 0.05 | 0.05 | 0.02  | 4.9  | 0.1  | 0.025 | 4  | 0.5  | 1DX15  | WHI10000468 |
| BRW144516 | 0.062  | 2   | 1.47 | 0.018 | 0.05 | 0.2  | 0.08  | 5.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW144541 | 0.29   | 0.5 | 3.71 | 0.016 | 1.38 | 0.05 | 0.005 | 13.3 | 0.5  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000468 |
| BRW144542 | 0.053  | 1   | 1.44 | 0.009 | 0.19 | 0.05 | 0.01  | 5.3  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW144543 | 0.071  | 2   | 1.98 | 0.011 | 0.24 | 0.05 | 0.02  | 7    | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW144544 | 0.12   | 1   | 1.99 | 0.016 | 0.19 | 0.05 | 0.02  | 3.7  | 0.1  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW144545 | 0.081  | 0.5 | 2.17 | 0.013 | 0.35 | 0.05 | 0.005 | 4.3  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW144546 | 0.07   | 0.5 | 2.19 | 0.011 | 0.37 | 0.05 | 0.01  | 6.2  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW144547 | 0.178  | 1   | 3.29 | 0.035 | 0.84 | 0.05 | 0.01  | 9.3  | 0.4  | 0.025 | 10 | 1    | 1DX15  | WHI10000468 |
| BRW144548 | 0.104  | 0.5 | 1.73 | 0.021 | 0.18 | 0.05 | 0.02  | 5.2  | 0.2  | 0.025 | 5  | 0.5  | 1DX15  | WHI10000468 |
| BRW144549 | 0.009  | 2   | 0.67 | 0.004 | 0.11 | 0.05 | 0.04  | 8.3  | 0.05 | 0.025 | 3  | 0.6  | 1DX15  | WHI10000468 |
| BRW144550 | 0.045  | 0.5 | 1.96 | 0.006 | 0.37 | 0.05 | 0.005 | 6.1  | 0.2  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000468 |
| BRW144551 | 0.086  | 0.5 | 1.81 | 0.012 | 0.1  | 0.05 | 0.02  | 2.6  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144552 | 0.154  | 2   | 2.82 | 0.014 | 0.65 | 0.05 | 0.01  | 4.9  | 0.3  | 0.025 | 8  | 0.8  | 1DX15  | WHI10000468 |
| BRW144553 | 0.03   | 1   | 2.67 | 0.011 | 0.09 | 0.05 | 0.01  | 6.2  | 0.05 | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW144554 | 0.087  | 0.5 | 1.51 | 0.02  | 0.06 | 0.05 | 0.02  | 5    | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu   | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|------|------|-----|------|-------|------|
| BRW144555 | Soil | 595877     | 7006386    | 07V      | 0.7  | 35.9 | 6.3  | 89  | 0.05 | 17.3  | 16.4 |
| BRW144556 | Soil | 595877     | 7006386    | 07V      | 0.9  | 36.8 | 6.6  | 103 | 0.05 | 19.2  | 18.9 |
| BRW144557 | Soil | 595835     | 7006353    | 07V      | 1.2  | 25   | 17.6 | 165 | 0.05 | 10.1  | 16.1 |
| BRW144558 | Soil | 595799     | 7006323    | 07V      | 1.4  | 32.5 | 16.2 | 79  | 0.05 | 79.3  | 16.2 |
| BRW144644 | Soil | 597022     | 7006583    | 07V      | 1.2  | 15.6 | 9.6  | 50  | 0.05 | 26.7  | 10.1 |
| BRW144645 | Soil | 597044     | 7006599    | 07V      | 6.7  | 81.5 | 21.4 | 81  | 0.05 | 57.5  | 16.1 |
| BRW144884 | Soil | 597080     | 7007199    | 07V      | 0.9  | 28.8 | 9.9  | 60  | 0.05 | 18.7  | 9.3  |
| BRW144885 | Soil | 597042     | 7007167    | 07V      | 0.6  | 11.8 | 5.3  | 42  | 0.05 | 7.6   | 5.6  |
| BRW144886 | Soil | 597042     | 7007167    | 07V      | 0.5  | 11.8 | 6.8  | 42  | 0.05 | 8     | 5.5  |
| BRW144887 | Soil | 597003     | 7007138    | 07V      | 0.9  | 22   | 10.7 | 48  | 0.05 | 18    | 7.9  |
| BRW144890 | Soil | 596883     | 7007044    | 07V      | 1.2  | 12.3 | 10.4 | 42  | 0.1  | 9.9   | 5    |
| BRW144894 | Soil | 596725     | 7006921    | 07V      | 1.4  | 38   | 21.8 | 70  | 0.05 | 19.7  | 7.3  |
| BRW144895 | Soil | 596684     | 7006889    | 07V      | 3.3  | 24.3 | 16.7 | 53  | 0.1  | 21.1  | 8.3  |
| BRW144896 | Soil | 596645     | 7006859    | 07V      | 0.5  | 15.6 | 5.9  | 80  | 0.05 | 10.7  | 16.2 |
| BRW144898 | Soil | 596568     | 7006799    | 07V      | 1    | 22.4 | 9.3  | 70  | 0.05 | 23.7  | 10.9 |
| BRW144899 | Soil | 596527     | 7006769    | 07V      | 0.9  | 21.6 | 8.2  | 71  | 0.05 | 17.9  | 9.3  |
| BRW144901 | Soil | 596451     | 7006707    | 07V      | 1.4  | 31.6 | 11.4 | 97  | 0.05 | 22.2  | 10.4 |
| BRW144902 | Soil | 596412     | 7006678    | 07V      | 0.9  | 24.5 | 7.8  | 83  | 0.05 | 42.1  | 20.7 |
| BRW144903 | Soil | 596371     | 7006647    | 07V      | 0.5  | 37.4 | 9.4  | 72  | 0.05 | 51.8  | 18.6 |
| BRW144904 | Soil | 596332     | 7006615    | 07V      | 1.2  | 55.6 | 7.1  | 83  | 0.05 | 76.3  | 16.6 |
| BRW144904 | REP  | 596332     | 7006615    | 07V      | 1.2  | 53.8 | 7.4  | 78  | 0.05 | 76.7  | 15.6 |
| BRW144906 | Soil | 596255     | 7006553    | 07V      | 0.9  | 10.1 | 8.2  | 69  | 0.05 | 22.7  | 10   |
| BRW144907 | Soil | 596213     | 7006523    | 07V      | 0.8  | 31.4 | 7.6  | 95  | 0.05 | 37.7  | 17.3 |
| BRW144908 | Soil | 596174     | 7006492    | 07V      | 0.8  | 62.7 | 7    | 77  | 0.05 | 48.8  | 16.8 |
| BRW144909 | Soil | 596134     | 7006461    | 07V      | 1.1  | 23.5 | 10.2 | 94  | 0.05 | 35.5  | 12.8 |
| BRW144911 | Soil | 596057     | 7006400    | 07V      | 1.1  | 18.9 | 8.9  | 50  | 0.05 | 26.3  | 10.9 |
| BRW144912 | Soil | 596017     | 7006367    | 07V      | 0.4  | 38.3 | 9.4  | 68  | 0.1  | 31.7  | 11.1 |
| BRW144913 | Soil | 595977     | 7006337    | 07V      | 1.5  | 14.3 | 9.2  | 55  | 0.05 | 18.1  | 10.8 |
| BRW144914 | Soil | 595937     | 7006307    | 07V      | 1.1  | 29   | 25.3 | 83  | 0.05 | 21.6  | 10.8 |
| BRW144915 | Soil | 595898     | 7006276    | 07V      | 1.8  | 70.1 | 14.3 | 137 | 0.05 | 103.1 | 24.5 |
| BRW144916 | Soil | 595898     | 7006276    | 07V      | 1.8  | 59.1 | 14.8 | 109 | 0.05 | 43.3  | 14.5 |
| BRW145027 | Soil | 598878     | 7007335    | 07V      | 0.9  | 37.3 | 10.5 | 68  | 0.05 | 32.6  | 10.4 |
| BRW90043  | Soil | 597765     | 7006972    | 07V      | 0.6  | 35.8 | 7.4  | 52  | 0.1  | 29.6  | 8.8  |
| BRW115676 | Soil | 599114     | 7005736    | 07V      | 1.1  | 23.6 | 11.1 | 63  | 0.05 | 29    | 10.7 |
| BRW116948 | Soil | 597331     | 7005050    | 07V      | 1.6  | 38.1 | 11.1 | 94  | 0.05 | 39.5  | 14.3 |
| BRW116949 | Soil | 597349     | 7005065    | 07V      | 1    | 30   | 10.5 | 69  | 0.05 | 55.5  | 18.6 |
| BRW116950 | Soil | 597370     | 7005080    | 07V      | 1.2  | 29.7 | 12.6 | 73  | 0.05 | 49.1  | 21   |
| BRW116951 | Soil | 597390     | 7005097    | 07V      | 5.7  | 65.2 | 11.3 | 131 | 0.05 | 58.1  | 16.6 |
| BRW116952 | Soil | 597410     | 7005111    | 07V      | 10.9 | 40.4 | 20.2 | 87  | 0.05 | 36.5  | 14.8 |
| BRW116952 | REP  | 597410     | 7005111    | 07V      | 10.7 | 39.1 | 19.4 | 86  | 0.05 | 35.4  | 14.3 |
| BRW116953 | Soil | 597428     | 7005126    | 07V      | 3.5  | 47.9 | 10.2 | 74  | 0.05 | 42.3  | 20.5 |
| BRW116954 | Soil | 597449     | 7005142    | 07V      | 1.1  | 31.3 | 11.5 | 60  | 0.05 | 43.1  | 16.3 |
| BRW116955 | Soil | 597470     | 7005158    | 07V      | 1.1  | 45.1 | 12.8 | 85  | 0.05 | 44.5  | 15.9 |
| BRW116956 | Soil | 597489     | 7005173    | 07V      | 1    | 36.1 | 8.8  | 62  | 0.05 | 45.2  | 15.5 |
| BRW116957 | Soil | 597508     | 7005189    | 07V      | 0.7  | 36.5 | 8.1  | 54  | 0.05 | 59.8  | 17.7 |
| BRW116958 | Soil | 597528     | 7005204    | 07V      | 0.9  | 39.3 | 9.4  | 63  | 0.1  | 51.7  | 16.9 |
| BRW116959 | Soil | 597547     | 7005219    | 07V      | 0.8  | 38.4 | 8.7  | 60  | 0.1  | 41.3  | 14.7 |
| BRW116960 | Soil | 597568     | 7005235    | 07V      | 1.3  | 38   | 9.7  | 58  | 0.05 | 36.4  | 16.1 |
| BRW116961 | Soil | 597587     | 7005251    | 07V      | 1.4  | 40.5 | 10.9 | 72  | 0.1  | 33.1  | 14.1 |
| BRW116963 | Soil | 597627     | 7005281    | 07V      | 1.4  | 36.8 | 10.4 | 62  | 0.1  | 37.5  | 13.8 |
| BRW116964 | Soil | 597647     | 7005297    | 07V      | 1.4  | 28.6 | 8.5  | 60  | 0.1  | 35    | 14   |
| BRW116965 | Soil | 597663     | 7005313    | 07V      | 2    | 33.9 | 11.4 | 73  | 0.1  | 38.7  | 14.5 |
| BRW116966 | Soil | 597686     | 7005327    | 07V      | 2.6  | 26.9 | 10.6 | 76  | 0.1  | 27.9  | 11.9 |
| BRW116967 | Soil | 597706     | 7005342    | 07V      | 1.9  | 37.3 | 8.1  | 94  | 0.05 | 46.1  | 18.9 |
| BRW116968 | Soil | 597725     | 7005358    | 07V      | 1.7  | 24.8 | 7.6  | 65  | 0.05 | 29.5  | 12.6 |
| BRW116969 | Soil | 597484     | 7005301    | 07V      | 0.7  | 32.2 | 7.9  | 65  | 0.1  | 37.8  | 11.6 |
| BRW116972 | Soil | 597543     | 7005347    | 07V      | 1.4  | 30   | 8.8  | 54  | 0.1  | 30.4  | 12.4 |
| BRW116973 | Soil | 597564     | 7005362    | 07V      | 2    | 32.6 | 8.9  | 67  | 0.1  | 30.6  | 11.7 |
| BRW116974 | Soil | 597584     | 7005377    | 07V      | 1.3  | 31.6 | 7.9  | 69  | 0.1  | 27.4  | 11   |
| BRW116974 | REP  | 597584     | 7005377    | 07V      | 0.8  | 32.9 | 8.1  | 65  | 0.1  | 27.2  | 10.9 |
| BRW116975 | Soil | 597604     | 7005392    | 07V      | 0.8  | 33   | 7.9  | 63  | 0.1  | 26.4  | 10.5 |
| BRW116976 | Soil | 597623     | 7005407    | 07V      | 1.2  | 55.3 | 14.3 | 82  | 0.05 | 44.8  | 18.4 |
| BRW116977 | Soil | 597663     | 7005437    | 07V      | 0.9  | 26.4 | 8    | 55  | 0.05 | 26.7  | 11   |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr | Cd   | Sb  | Bi   | V   | Ca   | P     | La  | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|------|------|----|------|-----|------|-----|------|-------|-----|-----|------|-----|
| BRW144555 | 806  | 4.78 | 2.7  | 0.5 | 3.7  | 5.4  | 22 | 0.05 | 0.3 | 0.05 | 95  | 0.56 | 0.101 | 64  | 21  | 1.32 | 593 |
| BRW144556 | 897  | 5.42 | 2.7  | 0.5 | 4.7  | 5.5  | 22 | 0.05 | 0.3 | 0.05 | 105 | 0.58 | 0.099 | 69  | 22  | 1.55 | 628 |
| BRW144557 | 699  | 6.3  | 4.9  | 1   | 0.6  | 7.4  | 12 | 0.1  | 0.1 | 0.05 | 87  | 0.24 | 0.032 | 23  | 18  | 0.62 | 884 |
| BRW144558 | 432  | 3.97 | 4    | 0.7 | 1    | 8.3  | 17 | 0.05 | 0.2 | 0.1  | 63  | 0.27 | 0.05  | 29  | 110 | 1.17 | 198 |
| BRW144644 | 291  | 3.05 | 9.7  | 0.7 | 7.9  | 6.7  | 17 | 0.05 | 0.6 | 0.1  | 47  | 0.35 | 0.019 | 13  | 34  | 0.57 | 205 |
| BRW144645 | 662  | 3.14 | 27.1 | 2.6 | 26.9 | 7.4  | 31 | 0.1  | 7.5 | 0.3  | 54  | 0.15 | 0.046 | 24  | 27  | 0.25 | 399 |
| BRW144884 | 288  | 3.02 | 9.3  | 2   | 56.1 | 5.4  | 29 | 0.05 | 0.7 | 0.2  | 57  | 0.28 | 0.029 | 20  | 33  | 0.54 | 309 |
| BRW144885 | 223  | 2.73 | 2.4  | 0.8 | 1.6  | 7.6  | 13 | 0.05 | 0.3 | 0.1  | 31  | 0.2  | 0.023 | 20  | 14  | 0.33 | 171 |
| BRW144886 | 228  | 2.94 | 3.4  | 0.7 | 5.6  | 5.8  | 14 | 0.05 | 0.3 | 0.1  | 32  | 0.21 | 0.023 | 16  | 15  | 0.33 | 183 |
| BRW144887 | 267  | 3.01 | 8.6  | 1.1 | 1.3  | 6.7  | 16 | 0.05 | 0.5 | 0.2  | 59  | 0.17 | 0.022 | 16  | 31  | 0.46 | 243 |
| BRW144890 | 153  | 2.54 | 5.9  | 0.4 | 5    | 3.9  | 11 | 0.05 | 0.6 | 0.2  | 54  | 0.11 | 0.018 | 10  | 19  | 0.28 | 146 |
| BRW144894 | 181  | 2    | 12   | 1.6 | 25   | 6.7  | 17 | 0.05 | 0.9 | 0.2  | 35  | 0.06 | 0.015 | 19  | 25  | 0.29 | 194 |
| BRW144895 | 344  | 2.86 | 14.3 | 0.8 | 27.6 | 3.3  | 15 | 0.05 | 2.5 | 0.2  | 70  | 0.12 | 0.03  | 11  | 34  | 0.43 | 232 |
| BRW144896 | 542  | 4.44 | 2.7  | 0.4 | 0.6  | 3.5  | 14 | 0.05 | 0.2 | 0.05 | 83  | 0.61 | 0.16  | 14  | 14  | 1.2  | 198 |
| BRW144898 | 377  | 3.11 | 9    | 0.8 | 3.6  | 5.3  | 25 | 0.1  | 0.7 | 0.1  | 65  | 0.43 | 0.021 | 17  | 41  | 0.65 | 233 |
| BRW144899 | 460  | 3.5  | 7.8  | 0.7 | 3.4  | 8.5  | 19 | 0.1  | 0.4 | 0.1  | 58  | 0.26 | 0.037 | 17  | 27  | 0.65 | 227 |
| BRW144901 | 671  | 5.55 | 13.6 | 2.3 | 1.7  | 19   | 17 | 0.05 | 0.3 | 0.05 | 75  | 0.34 | 0.067 | 100 | 35  | 0.67 | 245 |
| BRW144902 | 527  | 4.44 | 6.9  | 0.6 | 0.25 | 18.5 | 20 | 0.05 | 0.3 | 0.1  | 97  | 0.24 | 0.031 | 19  | 69  | 1.15 | 515 |
| BRW144903 | 242  | 3.46 | 3.7  | 0.6 | 0.25 | 20.1 | 49 | 0.05 | 0.2 | 0.05 | 83  | 0.64 | 0.14  | 55  | 74  | 1.43 | 702 |
| BRW144904 | 373  | 3.92 | 4.8  | 0.7 | 1.1  | 12.1 | 27 | 0.05 | 0.2 | 0.05 | 95  | 0.41 | 0.04  | 36  | 213 | 1.27 | 406 |
| BRW144904 | 361  | 3.79 | 5    | 0.7 | 1.3  | 12.2 | 27 | 0.05 | 0.3 | 0.05 | 96  | 0.4  | 0.041 | 35  | 210 | 1.26 | 407 |
| BRW144906 | 256  | 3.02 | 4    | 0.5 | 0.7  | 9.5  | 20 | 0.1  | 0.3 | 0.1  | 60  | 0.26 | 0.047 | 15  | 44  | 0.76 | 348 |
| BRW144907 | 373  | 4.8  | 6.3  | 0.9 | 1    | 36.5 | 39 | 0.05 | 0.2 | 0.05 | 85  | 0.79 | 0.196 | 118 | 114 | 1.71 | 888 |
| BRW144908 | 440  | 3.81 | 4.8  | 0.6 | 0.25 | 8.1  | 23 | 0.05 | 0.2 | 0.05 | 69  | 0.26 | 0.031 | 15  | 59  | 1.29 | 516 |
| BRW144909 | 579  | 3.79 | 8.6  | 0.6 | 0.9  | 8.1  | 19 | 0.05 | 0.3 | 0.05 | 51  | 0.26 | 0.023 | 12  | 49  | 0.88 | 211 |
| BRW144911 | 502  | 3.34 | 6.1  | 0.5 | 0.6  | 9.5  | 13 | 0.05 | 0.4 | 0.05 | 36  | 0.2  | 0.029 | 10  | 30  | 0.74 | 192 |
| BRW144912 | 509  | 3.15 | 9    | 0.6 | 4.6  | 8.4  | 35 | 0.05 | 0.5 | 0.2  | 64  | 0.73 | 0.081 | 34  | 44  | 0.8  | 350 |
| BRW144913 | 606  | 2.8  | 7.5  | 0.5 | 1.4  | 3.9  | 15 | 0.05 | 0.5 | 0.2  | 53  | 0.21 | 0.036 | 11  | 29  | 0.52 | 507 |
| BRW144914 | 376  | 3.36 | 8.1  | 1   | 3.3  | 5.4  | 23 | 0.05 | 0.4 | 0.2  | 67  | 0.28 | 0.028 | 18  | 34  | 0.59 | 829 |
| BRW144915 | 1166 | 4.68 | 25.7 | 1.2 | 3    | 14.9 | 19 | 0.05 | 0.5 | 0.05 | 54  | 0.28 | 0.058 | 59  | 52  | 0.58 | 371 |
| BRW144916 | 853  | 3.56 | 9.9  | 1   | 4.6  | 10.8 | 23 | 0.1  | 0.5 | 0.1  | 51  | 0.31 | 0.07  | 76  | 37  | 0.54 | 344 |
| BRW145027 | 315  | 2.92 | 10.7 | 1   | 3.9  | 9    | 24 | 0.05 | 0.6 | 0.2  | 55  | 0.35 | 0.03  | 32  | 33  | 0.56 | 199 |
| BRW90043  | 388  | 2.28 | 10.3 | 0.8 | 5.7  | 2.4  | 78 | 0.1  | 0.8 | 0.2  | 48  | 6.06 | 0.075 | 12  | 27  | 0.65 | 235 |
| BRW115676 | 311  | 2.79 | 9.7  | 0.7 | 0.7  | 4.7  | 24 | 0.1  | 1.1 | 0.2  | 61  | 0.34 | 0.026 | 14  | 41  | 0.46 | 216 |
| BRW116948 | 334  | 3.74 | 2.5  | 1.4 | 3.3  | 14.9 | 17 | 0.05 | 0.2 | 0.05 | 53  | 0.24 | 0.051 | 45  | 44  | 0.64 | 214 |
| BRW116949 | 409  | 4.3  | 1.8  | 0.8 | 1    | 13.7 | 15 | 0.05 | 0.2 | 0.05 | 61  | 0.2  | 0.029 | 48  | 75  | 1.19 | 260 |
| BRW116950 | 531  | 3.86 | 4.3  | 0.6 | 0.9  | 9.9  | 16 | 0.05 | 0.2 | 0.05 | 55  | 0.26 | 0.059 | 21  | 63  | 0.97 | 214 |
| BRW116951 | 904  | 4.44 | 27.8 | 1   | 7.4  | 15   | 18 | 0.2  | 0.4 | 0.05 | 54  | 0.37 | 0.09  | 23  | 28  | 0.26 | 377 |
| BRW116952 | 458  | 3.88 | 17.4 | 1   | 9.6  | 11.1 | 21 | 0.1  | 0.6 | 0.05 | 61  | 0.22 | 0.03  | 25  | 36  | 0.32 | 265 |
| BRW116952 | 444  | 3.79 | 17.1 | 1   | 8.6  | 9.9  | 23 | 0.05 | 0.5 | 0.05 | 60  | 0.22 | 0.03  | 24  | 36  | 0.31 | 265 |
| BRW116953 | 663  | 4.05 | 2.7  | 0.5 | 1.3  | 11.7 | 18 | 0.05 | 0.2 | 0.05 | 63  | 0.33 | 0.053 | 16  | 77  | 1.1  | 264 |
| BRW116954 | 394  | 3.6  | 3.2  | 0.6 | 2.3  | 13.6 | 14 | 0.05 | 0.1 | 0.05 | 46  | 0.24 | 0.042 | 26  | 53  | 0.87 | 285 |
| BRW116955 | 538  | 3.88 | 13.1 | 0.5 | 2.3  | 14.7 | 17 | 0.1  | 0.2 | 0.05 | 51  | 0.3  | 0.034 | 24  | 56  | 0.81 | 222 |
| BRW116956 | 425  | 3.71 | 2    | 0.5 | 0.25 | 17.6 | 12 | 0.05 | 0.1 | 0.05 | 52  | 0.29 | 0.041 | 38  | 52  | 0.95 | 220 |
| BRW116957 | 300  | 2.68 | 5.5  | 0.6 | 1.2  | 3.8  | 32 | 0.05 | 0.3 | 0.05 | 69  | 0.62 | 0.049 | 12  | 106 | 1.2  | 222 |
| BRW116958 | 376  | 2.61 | 7.6  | 1   | 1.8  | 3.9  | 36 | 0.3  | 0.5 | 0.1  | 65  | 0.61 | 0.049 | 14  | 83  | 0.88 | 262 |
| BRW116959 | 314  | 2.41 | 7.2  | 1   | 3.5  | 3.4  | 35 | 0.2  | 0.5 | 0.1  | 58  | 0.67 | 0.056 | 13  | 60  | 0.69 | 255 |
| BRW116960 | 553  | 2.51 | 7.6  | 1.1 | 3.5  | 3.8  | 29 | 0.2  | 0.5 | 0.1  | 57  | 0.62 | 0.049 | 15  | 47  | 0.58 | 396 |
| BRW116961 | 475  | 2.88 | 7.9  | 1.1 | 5    | 3.8  | 36 | 0.2  | 0.5 | 0.1  | 65  | 0.73 | 0.056 | 14  | 43  | 0.6  | 432 |
| BRW116963 | 510  | 2.69 | 9.3  | 1.4 | 4.1  | 4.3  | 39 | 0.2  | 0.6 | 0.1  | 55  | 0.84 | 0.055 | 16  | 47  | 0.56 | 349 |
| BRW116964 | 495  | 2.5  | 8.8  | 1.1 | 3.6  | 3.4  | 31 | 0.4  | 0.5 | 0.1  | 53  | 0.73 | 0.059 | 14  | 49  | 0.53 | 272 |
| BRW116965 | 763  | 2.82 | 10.2 | 1.1 | 5.7  | 4.1  | 38 | 0.3  | 0.7 | 0.2  | 57  | 0.73 | 0.058 | 16  | 49  | 0.56 | 366 |
| BRW116966 | 434  | 2.48 | 7.1  | 0.9 | 4.8  | 3.8  | 35 | 0.3  | 0.5 | 0.1  | 50  | 0.76 | 0.059 | 13  | 44  | 0.52 | 326 |
| BRW116967 | 498  | 4    | 5.7  | 0.5 | 3.8  | 8    | 22 | 0.05 | 0.2 | 0.05 | 83  | 0.27 | 0.037 | 18  | 74  | 1.24 | 248 |
| BRW116968 | 344  | 3.24 | 6.3  | 0.8 | 2.2  | 6.8  | 26 | 0.05 | 0.3 | 0.05 | 68  | 0.36 | 0.04  | 19  | 50  | 0.79 | 263 |
| BRW116969 | 365  | 2.33 | 7.2  | 0.9 | 18.1 | 3.3  | 40 | 0.3  | 0.6 | 0.1  | 50  | 0.75 | 0.063 | 13  | 45  | 0.61 | 286 |
| BRW116972 | 425  | 2.21 | 6.6  | 1.1 | 3.4  | 2.1  | 39 | 0.2  | 0.5 | 0.1  | 51  | 0.79 | 0.061 | 11  | 51  | 0.57 | 295 |
| BRW116973 | 439  | 2.52 | 7    | 1.1 | 9.7  | 3.9  | 35 | 0.2  | 0.5 | 0.1  | 54  | 0.83 | 0.061 | 16  | 42  | 0.53 | 383 |
| BRW116974 | 375  | 2.43 | 8.3  | 1   | 6.8  | 3.4  | 40 | 0.3  | 0.6 | 0.1  | 51  | 0.8  | 0.072 | 14  | 31  | 0.57 | 300 |
| BRW116974 | 385  | 2.49 | 8.1  | 1   | 3.9  | 3.5  | 40 | 0.3  | 0.6 | 0.1  | 54  | 0.81 | 0.071 | 14  | 32  | 0.57 | 303 |
| BRW116975 | 372  | 2.55 | 8.4  | 0.6 | 7.5  | 4.1  | 36 | 0.3  | 0.6 | 0.1  | 54  | 0.78 | 0.071 | 14  | 30  | 0.62 | 276 |
| BRW116976 | 485  | 3.8  | 5.5  | 0.8 | 1.7  | 10.5 | 22 | 0.05 | 0.1 | 0.1  | 78  | 0.45 | 0.064 | 35  | 55  | 1.24 | 389 |
| BRW116977 | 380  | 2.61 | 7    | 0.7 | 4.9  | 5.7  | 28 | 0.1  | 0.4 | 0.1  | 55  | 0.48 | 0.067 | 18  | 32  | 0.61 | 258 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Ti   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW144555 | 0.166 | 0.5 | 2.42 | 0.01  | 0.7  | 0.05 | 0.02  | 10.6 | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW144556 | 0.185 | 2   | 2.75 | 0.011 | 0.88 | 0.05 | 0.02  | 11.9 | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW144557 | 0.094 | 1   | 1.5  | 0.007 | 0.62 | 0.05 | 0.01  | 19.5 | 0.2  | 0.025 | 8  | 0.8  | 1DX15  | WHI10000468 |
| BRW144558 | 0.109 | 2   | 2.17 | 0.007 | 0.34 | 0.05 | 0.005 | 4.3  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144644 | 0.083 | 1   | 1.72 | 0.011 | 0.32 | 0.1  | 0.02  | 4.1  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144645 | 0.023 | 1   | 1.07 | 0.007 | 0.11 | 0.2  | 0.28  | 7.6  | 0.1  | 0.025 | 3  | 1    | 1DX15  | WHI10000468 |
| BRW144884 | 0.087 | 2   | 1.72 | 0.013 | 0.12 | 0.1  | 0.05  | 6.5  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144885 | 0.058 | 0.5 | 1.64 | 0.008 | 0.33 | 0.05 | 0.01  | 5.3  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144886 | 0.055 | 0.5 | 1.74 | 0.007 | 0.29 | 0.1  | 0.01  | 5.4  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW144887 | 0.072 | 2   | 2.14 | 0.012 | 0.09 | 0.05 | 0.02  | 4.9  | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW144890 | 0.06  | 0.5 | 1.42 | 0.006 | 0.12 | 0.1  | 0.03  | 2.8  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144894 | 0.051 | 1   | 0.98 | 0.004 | 0.21 | 0.05 | 0.01  | 3    | 0.3  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000468 |
| BRW144895 | 0.065 | 3   | 1.97 | 0.009 | 0.05 | 0.1  | 0.03  | 2.9  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144896 | 0.15  | 0.5 | 2.53 | 0.017 | 1.04 | 0.05 | 0.03  | 8.5  | 0.6  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000468 |
| BRW144898 | 0.134 | 2   | 1.55 | 0.021 | 0.3  | 0.1  | 0.02  | 5.7  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144899 | 0.126 | 2   | 1.95 | 0.013 | 0.41 | 0.1  | 0.01  | 7.1  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144901 | 0.054 | 2   | 1.86 | 0.008 | 0.42 | 0.05 | 0.04  | 11.9 | 0.2  | 0.025 | 8  | 1.1  | 1DX15  | WHI10000468 |
| BRW144902 | 0.155 | 1   | 3.07 | 0.016 | 0.71 | 0.05 | 0.005 | 7    | 0.3  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000468 |
| BRW144903 | 0.171 | 1   | 3.87 | 0.065 | 0.77 | 0.05 | 0.005 | 5.1  | 0.3  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000468 |
| BRW144904 | 0.115 | 0.5 | 2.67 | 0.017 | 0.28 | 0.05 | 0.02  | 6.3  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000468 |
| BRW144904 | 0.117 | 0.5 | 2.68 | 0.018 | 0.28 | 0.05 | 0.01  | 6.3  | 0.2  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000468 |
| BRW144906 | 0.111 | 0.5 | 2.03 | 0.011 | 0.28 | 0.1  | 0.005 | 2.8  | 0.2  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000468 |
| BRW144907 | 0.183 | 1   | 3.3  | 0.018 | 0.81 | 0.05 | 0.02  | 5.6  | 0.5  | 0.025 | 10 | 0.5  | 1DX15  | WHI10000468 |
| BRW144908 | 0.198 | 1   | 3.51 | 0.012 | 1.09 | 0.05 | 0.005 | 3    | 0.4  | 0.025 | 9  | 0.6  | 1DX15  | WHI10000468 |
| BRW144909 | 0.065 | 1   | 1.88 | 0.01  | 0.41 | 0.05 | 0.01  | 4.8  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW144911 | 0.078 | 0.5 | 2.02 | 0.007 | 0.43 | 0.05 | 0.02  | 2.9  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144912 | 0.07  | 2   | 1.66 | 0.023 | 0.13 | 0.05 | 0.06  | 6.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW144913 | 0.047 | 0.5 | 1.91 | 0.008 | 0.07 | 0.05 | 0.02  | 3.3  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000468 |
| BRW144914 | 0.079 | 1   | 1.55 | 0.013 | 0.16 | 0.2  | 0.02  | 8.2  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW144915 | 0.052 | 0.5 | 1.27 | 0.006 | 0.35 | 0.05 | 0.01  | 6.9  | 0.4  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000468 |
| BRW144916 | 0.054 | 2   | 1.2  | 0.008 | 0.19 | 0.05 | 0.005 | 5.9  | 0.2  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000468 |
| BRW145027 | 0.115 | 1   | 1.37 | 0.019 | 0.34 | 0.05 | 0.04  | 4.9  | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000468 |
| BRW90043  | 0.044 | 2   | 1.11 | 0.023 | 0.1  | 0.2  | 0.08  | 3.8  | 0.05 | 0.025 | 3  | 0.25 | 1DX15  | WHI10000468 |
| BRW115676 | 0.079 | 2   | 1.54 | 0.012 | 0.18 | 0.1  | 0.03  | 5.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW116948 | 0.13  | 1   | 1.65 | 0.009 | 0.59 | 0.05 | 0.02  | 4.7  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW116949 | 0.213 | 0.5 | 2.67 | 0.008 | 1.02 | 0.05 | 0.005 | 4.1  | 0.5  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW116950 | 0.143 | 0.5 | 2.53 | 0.01  | 0.66 | 0.05 | 0.01  | 3.1  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW116951 | 0.016 | 1   | 0.82 | 0.005 | 0.19 | 0.05 | 0.04  | 7.6  | 0.2  | 0.025 | 3  | 0.8  | 1DX15  | WHI10000534 |
| BRW116952 | 0.053 | 0.5 | 1.36 | 0.008 | 0.12 | 0.05 | 0.02  | 6.7  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW116952 | 0.054 | 1   | 1.38 | 0.017 | 0.13 | 0.05 | 0.03  | 6.4  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW116953 | 0.15  | 0.5 | 2.63 | 0.015 | 0.7  | 0.05 | 0.005 | 4.1  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000534 |
| BRW116954 | 0.163 | 0.5 | 2.25 | 0.009 | 0.82 | 0.05 | 0.01  | 3.6  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW116955 | 0.158 | 0.5 | 1.85 | 0.009 | 0.72 | 0.05 | 0.01  | 5.5  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW116956 | 0.201 | 0.5 | 1.97 | 0.008 | 0.92 | 0.05 | 0.01  | 3.8  | 0.4  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW116957 | 0.109 | 0.5 | 2.2  | 0.033 | 0.15 | 0.1  | 0.03  | 4.8  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW116958 | 0.096 | 1   | 1.79 | 0.02  | 0.07 | 0.05 | 0.03  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW116959 | 0.087 | 1   | 1.75 | 0.019 | 0.05 | 0.1  | 0.04  | 4.5  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW116960 | 0.07  | 0.5 | 1.55 | 0.017 | 0.07 | 0.1  | 0.05  | 4.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW116961 | 0.075 | 1   | 1.65 | 0.018 | 0.08 | 0.1  | 0.04  | 5.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW116963 | 0.063 | 2   | 1.5  | 0.018 | 0.06 | 0.1  | 0.05  | 5    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW116964 | 0.053 | 0.5 | 1.26 | 0.016 | 0.05 | 0.1  | 0.05  | 4.1  | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000534 |
| BRW116965 | 0.06  | 2   | 1.46 | 0.019 | 0.05 | 0.2  | 0.05  | 4.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW116966 | 0.052 | 2   | 1.36 | 0.016 | 0.06 | 0.1  | 0.05  | 4.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW116967 | 0.13  | 0.5 | 2.68 | 0.018 | 0.44 | 0.05 | 0.02  | 5.4  | 0.3  | 0.025 | 10 | 0.25 | 1DX15  | WHI10000534 |
| BRW116968 | 0.105 | 0.5 | 2.09 | 0.015 | 0.15 | 0.05 | 0.02  | 4.1  | 0.1  | 0.025 | 7  | 0.5  | 1DX15  | WHI10000534 |
| BRW116969 | 0.067 | 0.5 | 1.37 | 0.022 | 0.05 | 0.1  | 0.04  | 3.7  | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000534 |
| BRW116972 | 0.06  | 1   | 1.51 | 0.018 | 0.04 | 0.1  | 0.05  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW116973 | 0.064 | 2   | 1.42 | 0.017 | 0.07 | 0.1  | 0.06  | 4.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW116974 | 0.069 | 1   | 1.33 | 0.024 | 0.05 | 0.2  | 0.03  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW116974 | 0.069 | 1   | 1.34 | 0.024 | 0.06 | 0.2  | 0.05  | 4    | 0.05 | 0.025 | 4  | 0.6  | 1DX15  | WHI10000534 |
| BRW116975 | 0.078 | 2   | 1.3  | 0.026 | 0.07 | 0.2  | 0.03  | 3.8  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW116976 | 0.068 | 0.5 | 2.31 | 0.017 | 0.55 | 0.05 | 0.01  | 5.6  | 0.3  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000534 |
| BRW116977 | 0.079 | 1   | 1.38 | 0.021 | 0.12 | 0.2  | 0.04  | 3.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW121728 | Soil | 596960     | 7006660    | 07V      | 3.1  | 42.4  | 12.8 | 71  | 0.05 | 41.3  | 9.8  |
| BRW121735 | Soil | 597516     | 7004814    | 07V      | 1.4  | 33.2  | 22.9 | 112 | 0.05 | 40.6  | 13.5 |
| BRW121736 | Soil | 597535     | 7004829    | 07V      | 1.1  | 23    | 10.8 | 57  | 0.05 | 28.6  | 10.7 |
| BRW121737 | Soil | 597557     | 7004845    | 07V      | 7    | 51.1  | 13.5 | 135 | 0.05 | 30    | 11.3 |
| BRW121738 | Soil | 597574     | 7004860    | 07V      | 4.8  | 47.3  | 11.4 | 185 | 0.05 | 15.4  | 16.4 |
| BRW121739 | Soil | 597594     | 7004876    | 07V      | 2.3  | 25.1  | 10.3 | 80  | 0.1  | 23.6  | 11.4 |
| BRW121739 | REP  | 597594     | 7004876    | 07V      | 2.2  | 25.3  | 9.9  | 79  | 0.1  | 23.6  | 11.6 |
| BRW121740 | Soil | 597615     | 7004892    | 07V      | 2    | 54.5  | 11.2 | 145 | 0.1  | 42.6  | 12.2 |
| BRW121741 | Soil | 597636     | 7004908    | 07V      | 1.1  | 24.3  | 11.3 | 80  | 0.05 | 39.5  | 15.6 |
| BRW121742 | Soil | 597653     | 7004921    | 07V      | 0.5  | 67.3  | 11.1 | 56  | 0.05 | 37.9  | 15.5 |
| BRW121742 | REP  | 597653     | 7004921    | 07V      | 0.5  | 67.6  | 11.1 | 56  | 0.05 | 37.7  | 15.3 |
| BRW121743 | Soil | 597673     | 7004937    | 07V      | 1.6  | 27.2  | 19.7 | 48  | 0.05 | 35.8  | 15.9 |
| BRW121744 | Soil | 597693     | 7004953    | 07V      | 2.8  | 32.6  | 9.9  | 89  | 0.1  | 46.1  | 14.5 |
| BRW121745 | Soil | 597714     | 7004968    | 07V      | 11.7 | 37.3  | 15.9 | 92  | 0.05 | 41.4  | 13.5 |
| BRW140116 | Soil | 597714     | 7004968    | 07V      | 11.5 | 38.7  | 13.7 | 94  | 0.05 | 43.5  | 13.3 |
| BRW140117 | Soil | 597732     | 7004983    | 07V      | 1    | 37.9  | 12.9 | 81  | 0.05 | 41.4  | 9.8  |
| BRW140118 | Soil | 597753     | 7005000    | 07V      | 0.4  | 53.5  | 3.9  | 52  | 0.05 | 103.6 | 20.1 |
| BRW140122 | Soil | 597833     | 7005062    | 07V      | 0.1  | 5.7   | 6.1  | 25  | 0.05 | 8.9   | 0.8  |
| BRW140302 | Soil | 597689     | 7005203    | 07V      | 4    | 39.8  | 17.3 | 103 | 0.2  | 43.8  | 16.5 |
| BRW140302 | REP  | 597689     | 7005203    | 07V      | 3.9  | 40.3  | 17.7 | 105 | 0.2  | 42.2  | 16.8 |
| BRW140304 | Soil | 597649     | 7005171    | 07V      | 4    | 48.2  | 17.4 | 93  | 0.1  | 45    | 14.1 |
| BRW140305 | Soil | 597630     | 7005156    | 07V      | 2.1  | 47.1  | 11.8 | 70  | 0.1  | 80.3  | 22.5 |
| BRW140306 | Soil | 597609     | 7005142    | 07V      | 0.9  | 42.2  | 7.4  | 45  | 0.05 | 61.1  | 19.5 |
| BRW140307 | Soil | 597591     | 7005127    | 07V      | 1.2  | 43.8  | 7.8  | 55  | 0.05 | 64.6  | 22.1 |
| BRW140308 | Soil | 597570     | 7005109    | 07V      | 1    | 44.3  | 8.5  | 44  | 0.05 | 63    | 18.1 |
| BRW140309 | Soil | 597551     | 7005095    | 07V      | 1.2  | 28.6  | 12.2 | 53  | 0.05 | 26.6  | 9.5  |
| BRW140310 | Soil | 597531     | 7005080    | 07V      | 4.1  | 57.1  | 13   | 111 | 0.2  | 78.9  | 21   |
| BRW140311 | Soil | 597512     | 7005064    | 07V      | 2.8  | 45.6  | 11.8 | 60  | 0.05 | 48.9  | 17.2 |
| BRW140444 | Soil | 597617     | 7004765    | 07V      | 1.9  | 46.5  | 15.5 | 88  | 0.05 | 50.2  | 18.5 |
| BRW140444 | REP  | 597617     | 7004765    | 07V      | 2.1  | 48.1  | 15.7 | 89  | 0.05 | 50.7  | 18.5 |
| BRW140445 | Soil | 597636     | 7004781    | 07V      | 11   | 39.6  | 18   | 158 | 0.1  | 20.2  | 14.2 |
| BRW140446 | Soil | 597657     | 7004795    | 07V      | 9    | 64    | 27.2 | 108 | 0.05 | 27.9  | 10.8 |
| BRW140447 | Soil | 597676     | 7004810    | 07V      | 3.6  | 24    | 13.3 | 85  | 0.1  | 23.9  | 13.6 |
| BRW140448 | Soil | 597697     | 7004826    | 07V      | 2.3  | 28.4  | 17   | 104 | 0.05 | 10.7  | 4.8  |
| BRW140449 | Soil | 597716     | 7004842    | 07V      | 1.2  | 67.9  | 10.2 | 69  | 0.05 | 47.5  | 13.1 |
| BRW140450 | Soil | 597734     | 7004858    | 07V      | 1.7  | 42.8  | 21.2 | 62  | 0.05 | 47.7  | 15.6 |
| BRW140451 | Soil | 597754     | 7004875    | 07V      | 4.1  | 54.7  | 17.8 | 77  | 0.1  | 34.6  | 10.7 |
| BRW140453 | Soil | 597794     | 7004905    | 07V      | 6.5  | 146.4 | 20   | 205 | 0.6  | 79.2  | 10.8 |
| BRW140455 | Soil | 597832     | 7004934    | 07V      | 2.5  | 38.7  | 10.9 | 63  | 0.05 | 41    | 13.6 |
| BRW140458 | Soil | 597873     | 7004966    | 07V      | 2    | 49.9  | 11.8 | 109 | 0.1  | 106.9 | 20.9 |
| BRW140460 | Soil | 597894     | 7004981    | 07V      | 0.9  | 29.6  | 9.7  | 38  | 0.1  | 27.4  | 7.4  |
| BRW140507 | Soil | 597389     | 7005222    | 07V      | 2.5  | 62.8  | 16.6 | 105 | 0.05 | 35.8  | 13   |
| BRW140510 | Soil | 597447     | 7005267    | 07V      | 1    | 33.2  | 9.5  | 61  | 0.1  | 33.2  | 12   |
| BRW140511 | Soil | 597465     | 7005282    | 07V      | 1    | 35.1  | 9.2  | 60  | 0.1  | 43.9  | 14.1 |
| BRW140512 | Soil | 597465     | 7005408    | 07V      | 0.9  | 32.3  | 7.9  | 66  | 0.1  | 27.8  | 11.1 |
| BRW140514 | Soil | 597225     | 7005222    | 07V      | 1.7  | 30.1  | 11   | 72  | 0.2  | 33.3  | 13.5 |
| BRW140526 | Soil | 597444     | 7005392    | 07V      | 1.3  | 40.8  | 8.1  | 71  | 0.1  | 32    | 13.3 |
| BRW140527 | Soil | 597502     | 7005439    | 07V      | 1.3  | 27.5  | 9.6  | 65  | 0.05 | 24.7  | 11.2 |
| BRW140528 | Soil | 597523     | 7005455    | 07V      | 1.2  | 18.7  | 6.9  | 54  | 0.05 | 22.3  | 10.9 |
| BRW140529 | Soil | 597542     | 7005469    | 07V      | 2.2  | 28    | 7.4  | 66  | 0.05 | 35.6  | 14.8 |
| BRW140530 | Soil | 597562     | 7005485    | 07V      | 1.1  | 25.2  | 9.2  | 60  | 0.1  | 25    | 11   |
| BRW140531 | Soil | 597582     | 7005502    | 07V      | 0.9  | 30    | 8.4  | 63  | 0.05 | 24.4  | 10.3 |
| BRW140532 | Soil | 597601     | 7005516    | 07V      | 0.9  | 28.8  | 8.2  | 50  | 0.1  | 25.7  | 10.7 |
| BRW140660 | Soil | 599757     | 7005925    | 07V      | 1.7  | 45.8  | 13.7 | 80  | 0.1  | 34.2  | 14.6 |
| BRW140661 | Soil | 599743     | 7005912    | 07V      | 2.3  | 57    | 14.7 | 101 | 0.2  | 47    | 14.2 |
| BRW140663 | Soil | 599697     | 7005880    | 07V      | 1    | 42.2  | 7.7  | 70  | 0.05 | 25.6  | 11.1 |
| BRW140679 | Soil | 599881     | 7005766    | 07V      | 0.7  | 34.4  | 9.6  | 58  | 0.1  | 26.9  | 10.5 |
| BRW140680 | Soil | 599860     | 7005751    | 07V      | 0.8  | 38.7  | 10.6 | 62  | 0.1  | 29.8  | 11.2 |
| BRW140681 | Soil | 599839     | 7005738    | 07V      | 1    | 40.1  | 12.5 | 62  | 0.1  | 27.7  | 9.2  |
| BRW140682 | Soil | 599821     | 7005721    | 07V      | 0.8  | 35.5  | 10.3 | 61  | 0.1  | 28.1  | 9.7  |
| BRW140683 | Soil | 599801     | 7005706    | 07V      | 0.9  | 36.9  | 10.8 | 62  | 0.1  | 29.1  | 10.8 |
| BRW140684 | Soil | 599780     | 7005692    | 07V      | 1.1  | 30.3  | 11.6 | 60  | 0.05 | 27.6  | 10.7 |
| BRW140685 | Soil | 599762     | 7005676    | 07V      | 0.7  | 30.1  | 10.1 | 59  | 0.05 | 26    | 8.7  |

| SampleID  | Mn   | Fe   | As_  | U   | Au    | Th   | Sr  | Cd   | Sb   | Bi   | V   | Ca    | P     | La | Cr  | Mg   | Ba  |
|-----------|------|------|------|-----|-------|------|-----|------|------|------|-----|-------|-------|----|-----|------|-----|
| BRW121728 | 335  | 3.48 | 15.7 | 0.9 | 16.8  | 9.8  | 22  | 0.05 | 1.3  | 0.1  | 54  | 0.23  | 0.028 | 23 | 60  | 0.85 | 383 |
| BRW121735 | 415  | 4.09 | 4.2  | 1.4 | 0.25  | 26.1 | 17  | 0.05 | 0.3  | 0.1  | 61  | 0.17  | 0.034 | 33 | 50  | 0.79 | 271 |
| BRW121736 | 309  | 2.85 | 8.8  | 0.9 | 1.3   | 6.8  | 21  | 0.05 | 0.6  | 0.1  | 54  | 0.27  | 0.029 | 16 | 38  | 0.51 | 227 |
| BRW121737 | 485  | 4.27 | 10.4 | 1   | 36.2  | 10.6 | 16  | 0.05 | 0.4  | 0.05 | 53  | 0.25  | 0.03  | 36 | 31  | 0.34 | 714 |
| BRW121738 | 790  | 6.98 | 6.7  | 0.9 | 2.2   | 7.8  | 12  | 0.05 | 0.2  | 0.05 | 126 | 0.19  | 0.043 | 26 | 25  | 1.22 | 836 |
| BRW121739 | 542  | 3.74 | 8.8  | 0.7 | 2     | 5.2  | 24  | 0.1  | 0.4  | 0.1  | 66  | 0.31  | 0.045 | 17 | 38  | 0.62 | 575 |
| BRW121739 | 536  | 3.8  | 9    | 0.7 | 2.4   | 5.4  | 25  | 0.1  | 0.4  | 0.1  | 67  | 0.31  | 0.045 | 17 | 37  | 0.6  | 585 |
| BRW121740 | 390  | 4.52 | 5.4  | 0.8 | 3.5   | 15.2 | 12  | 0.1  | 0.2  | 0.05 | 75  | 0.17  | 0.04  | 35 | 50  | 0.63 | 358 |
| BRW121741 | 337  | 3.43 | 7.5  | 0.5 | 2.5   | 9.3  | 22  | 0.1  | 0.4  | 0.1  | 58  | 0.25  | 0.034 | 15 | 52  | 0.9  | 242 |
| BRW121742 | 574  | 3.79 | 7.9  | 0.9 | 2.6   | 23.9 | 20  | 0.05 | 0.3  | 0.05 | 51  | 0.29  | 0.041 | 70 | 54  | 0.96 | 292 |
| BRW121742 | 577  | 3.78 | 7.9  | 0.8 | 3.4   | 24.7 | 21  | 0.05 | 0.3  | 0.05 | 51  | 0.28  | 0.041 | 71 | 52  | 0.97 | 292 |
| BRW121743 | 497  | 2.96 | 25.5 | 0.5 | 13    | 2.3  | 55  | 0.05 | 0.6  | 0.05 | 70  | 0.82  | 0.028 | 8  | 57  | 0.73 | 256 |
| BRW121744 | 552  | 3.4  | 18.9 | 0.7 | 2     | 5.2  | 31  | 0.3  | 0.6  | 0.1  | 64  | 0.38  | 0.037 | 17 | 42  | 0.42 | 390 |
| BRW121745 | 269  | 4.04 | 16.3 | 1.5 | 14.1  | 15.3 | 20  | 0.05 | 1    | 0.05 | 47  | 0.2   | 0.027 | 43 | 56  | 0.52 | 347 |
| BRW140116 | 260  | 4.09 | 17.6 | 1.3 | 17.5  | 14   | 18  | 0.05 | 1.1  | 0.05 | 46  | 0.2   | 0.026 | 41 | 55  | 0.48 | 322 |
| BRW140117 | 304  | 3.89 | 1.3  | 1   | 1.1   | 15.9 | 15  | 0.05 | 0.1  | 0.05 | 57  | 0.22  | 0.013 | 56 | 62  | 0.95 | 371 |
| BRW140118 | 456  | 3.35 | 1.9  | 0.3 | 2.2   | 0.8  | 19  | 0.05 | 0.05 | 0.05 | 101 | 0.59  | 0.04  | 6  | 216 | 2.85 | 479 |
| BRW140122 | 164  | 0.34 | 1.6  | 1.1 | 0.9   | 1.9  | 51  | 0.4  | 0.05 | 0.05 | 5   | 8.25  | 0.059 | 6  | 9   | 5.25 | 39  |
| BRW140302 | 679  | 4.25 | 13.2 | 1.1 | 35    | 9    | 26  | 0.4  | 0.7  | 0.05 | 75  | 0.86  | 0.047 | 33 | 48  | 0.63 | 508 |
| BRW140302 | 683  | 4.28 | 13.4 | 1.1 | 105.3 | 8.9  | 25  | 0.3  | 0.6  | 0.05 | 75  | 0.85  | 0.048 | 33 | 48  | 0.63 | 506 |
| BRW140304 | 531  | 3.66 | 11.2 | 0.9 | 9.1   | 7.9  | 21  | 0.2  | 0.6  | 0.1  | 53  | 0.4   | 0.046 | 21 | 54  | 0.45 | 371 |
| BRW140305 | 781  | 3.46 | 8.1  | 0.5 | 3.9   | 4.4  | 26  | 0.2  | 0.4  | 0.05 | 84  | 0.57  | 0.042 | 14 | 127 | 0.86 | 279 |
| BRW140306 | 267  | 2.59 | 10.6 | 0.5 | 2.9   | 2.2  | 46  | 0.05 | 0.3  | 0.05 | 61  | 0.57  | 0.031 | 10 | 108 | 0.94 | 185 |
| BRW140307 | 329  | 2.94 | 7.5  | 0.5 | 2.1   | 2.4  | 55  | 0.05 | 0.3  | 0.05 | 64  | 0.74  | 0.065 | 9  | 90  | 0.84 | 242 |
| BRW140308 | 287  | 2.56 | 6.9  | 0.7 | 5.9   | 3.2  | 40  | 0.05 | 0.3  | 0.05 | 57  | 0.65  | 0.057 | 10 | 107 | 1.07 | 228 |
| BRW140309 | 227  | 2.87 | 10.5 | 0.9 | 3.7   | 4.8  | 25  | 0.05 | 0.5  | 0.1  | 63  | 0.29  | 0.023 | 17 | 42  | 0.5  | 297 |
| BRW140310 | 1168 | 4.6  | 33.2 | 1.1 | 4.4   | 4.3  | 33  | 0.3  | 0.6  | 0.05 | 87  | 0.42  | 0.061 | 14 | 89  | 0.38 | 333 |
| BRW140311 | 347  | 3.31 | 9.6  | 0.8 | 4.8   | 5.1  | 36  | 0.05 | 0.5  | 0.1  | 69  | 0.48  | 0.055 | 16 | 66  | 0.81 | 292 |
| BRW140444 | 590  | 4.41 | 3.3  | 1   | 0.6   | 19.5 | 11  | 0.05 | 0.2  | 0.1  | 60  | 0.27  | 0.056 | 32 | 51  | 0.82 | 229 |
| BRW140444 | 607  | 4.47 | 3.4  | 1.1 | 0.7   | 20.5 | 12  | 0.05 | 0.2  | 0.1  | 60  | 0.27  | 0.057 | 31 | 52  | 0.86 | 232 |
| BRW140445 | 624  | 5.23 | 5.7  | 0.8 | 3.4   | 7.5  | 18  | 0.1  | 0.3  | 0.05 | 84  | 0.48  | 0.053 | 26 | 22  | 0.68 | 731 |
| BRW140446 | 600  | 4.42 | 14.5 | 1.7 | 3.8   | 18.7 | 20  | 0.2  | 0.5  | 0.2  | 66  | 0.34  | 0.046 | 60 | 30  | 0.59 | 421 |
| BRW140447 | 558  | 4.45 | 12.2 | 0.6 | 1     | 7.8  | 20  | 0.1  | 0.3  | 0.05 | 86  | 0.25  | 0.031 | 19 | 42  | 0.74 | 721 |
| BRW140448 | 296  | 4.54 | 5.6  | 0.9 | 0.25  | 9.5  | 21  | 0.05 | 0.2  | 0.05 | 60  | 0.15  | 0.033 | 23 | 22  | 0.65 | 272 |
| BRW140449 | 445  | 3.29 | 9.6  | 0.8 | 4.2   | 6.9  | 22  | 0.1  | 0.4  | 0.05 | 73  | 0.32  | 0.034 | 31 | 44  | 0.82 | 671 |
| BRW140450 | 448  | 4.03 | 16.1 | 0.9 | 2     | 22.7 | 15  | 0.05 | 0.4  | 0.05 | 43  | 0.2   | 0.018 | 47 | 50  | 0.93 | 202 |
| BRW140451 | 542  | 3.27 | 65.8 | 1   | 17    | 12.2 | 37  | 0.05 | 0.6  | 0.05 | 28  | 0.16  | 0.013 | 23 | 23  | 0.15 | 159 |
| BRW140453 | 91   | 2.64 | 23.1 | 2.8 | 2.9   | 5.6  | 40  | 1.4  | 0.9  | 0.2  | 330 | 0.47  | 0.19  | 17 | 84  | 0.63 | 340 |
| BRW140455 | 509  | 3    | 12.7 | 0.6 | 4     | 4.7  | 36  | 0.1  | 0.8  | 0.2  | 65  | 0.68  | 0.045 | 17 | 47  | 0.66 | 311 |
| BRW140458 | 597  | 3.87 | 7.4  | 0.7 | 4.1   | 16.9 | 58  | 0.2  | 0.4  | 0.05 | 79  | 5.97  | 0.042 | 47 | 107 | 1.03 | 374 |
| BRW140460 | 349  | 1.53 | 19.3 | 1.4 | 4     | 2.8  | 118 | 0.2  | 0.6  | 0.05 | 31  | 12.05 | 0.056 | 14 | 27  | 0.61 | 152 |
| BRW140507 | 428  | 3.7  | 18.3 | 0.9 | 2.9   | 10.9 | 22  | 0.05 | 0.3  | 0.05 | 49  | 0.32  | 0.064 | 30 | 35  | 0.6  | 218 |
| BRW140510 | 419  | 2.57 | 8    | 0.9 | 2.3   | 4.9  | 39  | 0.2  | 0.5  | 0.1  | 54  | 0.82  | 0.06  | 17 | 41  | 0.6  | 310 |
| BRW140511 | 426  | 2.59 | 7.5  | 1   | 0.9   | 4.4  | 33  | 0.2  | 0.5  | 0.1  | 55  | 0.64  | 0.055 | 15 | 54  | 0.68 | 286 |
| BRW140512 | 424  | 2.52 | 8.3  | 1.1 | 2.9   | 3.7  | 52  | 0.3  | 0.6  | 0.1  | 55  | 1.1   | 0.078 | 12 | 30  | 0.68 | 268 |
| BRW140514 | 419  | 3.15 | 5.8  | 1.1 | 4.5   | 7.8  | 32  | 0.2  | 0.4  | 0.1  | 64  | 0.58  | 0.05  | 29 | 51  | 0.63 | 372 |
| BRW140526 | 500  | 3.12 | 7.8  | 0.6 | 4.8   | 5    | 49  | 0.4  | 0.6  | 0.1  | 72  | 1.25  | 0.092 | 15 | 38  | 0.88 | 363 |
| BRW140527 | 372  | 2.53 | 8.6  | 0.8 | 6.3   | 4.1  | 33  | 0.2  | 0.5  | 0.2  | 54  | 0.52  | 0.066 | 14 | 34  | 0.55 | 278 |
| BRW140528 | 435  | 2.18 | 6.8  | 0.7 | 5.3   | 2.3  | 30  | 0.2  | 0.3  | 0.1  | 49  | 0.55  | 0.061 | 11 | 37  | 0.54 | 220 |
| BRW140529 | 355  | 3.1  | 7.4  | 0.7 | 4.6   | 12.2 | 23  | 0.1  | 0.3  | 0.05 | 40  | 0.47  | 0.053 | 32 | 30  | 0.46 | 188 |
| BRW140530 | 400  | 2.46 | 7.7  | 1   | 5.7   | 3.8  | 40  | 0.2  | 0.5  | 0.1  | 57  | 0.68  | 0.068 | 14 | 32  | 0.55 | 287 |
| BRW140531 | 345  | 2.53 | 9.1  | 1.3 | 2.6   | 4.2  | 36  | 0.2  | 0.5  | 0.1  | 53  | 0.62  | 0.075 | 14 | 30  | 0.59 | 270 |
| BRW140532 | 339  | 2.57 | 9    | 0.9 | 7.3   | 5    | 29  | 0.05 | 0.5  | 0.1  | 50  | 0.48  | 0.051 | 15 | 29  | 0.5  | 268 |
| BRW140660 | 734  | 3.76 | 10   | 0.6 | 7.3   | 6.6  | 30  | 0.05 | 0.8  | 0.2  | 70  | 0.45  | 0.047 | 18 | 45  | 0.72 | 478 |
| BRW140661 | 400  | 3.93 | 18.3 | 1.7 | 5.3   | 13   | 40  | 0.1  | 1    | 0.1  | 84  | 1.75  | 0.055 | 41 | 44  | 0.59 | 304 |
| BRW140663 | 464  | 3.77 | 8.6  | 1   | 5.6   | 4.9  | 197 | 0.1  | 0.7  | 0.1  | 45  | 7.71  | 0.049 | 18 | 22  | 1.1  | 526 |
| BRW140679 | 374  | 2.61 | 9.8  | 0.9 | 4.3   | 4    | 42  | 0.1  | 0.7  | 0.2  | 55  | 0.83  | 0.067 | 15 | 31  | 0.61 | 323 |
| BRW140680 | 432  | 2.64 | 9.5  | 0.7 | 2.3   | 4    | 75  | 0.3  | 0.8  | 0.2  | 60  | 2.53  | 0.065 | 14 | 31  | 0.77 | 308 |
| BRW140681 | 331  | 2.8  | 9.2  | 1   | 3.3   | 4.1  | 42  | 0.1  | 0.8  | 0.2  | 53  | 0.75  | 0.056 | 15 | 32  | 0.61 | 276 |
| BRW140682 | 372  | 2.82 | 10.3 | 0.6 | 4     | 4.5  | 33  | 0.1  | 0.7  | 0.2  | 53  | 0.63  | 0.046 | 16 | 32  | 0.57 | 303 |
| BRW140683 | 460  | 2.88 | 10.5 | 0.7 | 4     | 4.2  | 40  | 0.1  | 0.8  | 0.2  | 53  | 0.77  | 0.051 | 16 | 31  | 0.59 | 304 |
| BRW140684 | 411  | 2.66 | 9.1  | 0.7 | 2.7   | 4.5  | 32  | 0.2  | 0.8  | 0.1  | 55  | 0.62  | 0.061 | 15 | 31  | 0.54 | 254 |
| BRW140685 | 294  | 2.63 | 8    | 0.8 | 6.5   | 4.6  | 38  | 0.1  | 0.8  | 0.2  | 51  | 0.61  | 0.061 | 14 | 30  | 0.59 | 239 |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Tl   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW121728 | 0.074 | 2   | 2    | 0.008 | 0.44 | 0.05 | 0.05  | 6.2  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW121735 | 0.197 | 1   | 2.19 | 0.009 | 0.95 | 0.05 | 0.005 | 4.9  | 0.6  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000534 |
| BRW121736 | 0.088 | 1   | 1.47 | 0.011 | 0.2  | 0.1  | 0.02  | 4.5  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW121737 | 0.033 | 1   | 1.23 | 0.006 | 0.33 | 0.05 | 0.06  | 9    | 0.3  | 0.025 | 5  | 0.7  | 1DX15  | WHI10000534 |
| BRW121738 | 0.313 | 0.5 | 2.59 | 0.012 | 1.66 | 0.05 | 0.03  | 18.7 | 0.4  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000534 |
| BRW121739 | 0.119 | 2   | 1.77 | 0.015 | 0.45 | 0.1  | 0.02  | 8.3  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW121739 | 0.121 | 3   | 1.78 | 0.012 | 0.44 | 0.1  | 0.02  | 8.4  | 0.1  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW121740 | 0.094 | 1   | 1.84 | 0.007 | 0.65 | 0.05 | 0.04  | 7.3  | 0.4  | 0.025 | 6  | 1.1  | 1DX15  | WHI10000534 |
| BRW121741 | 0.147 | 2   | 2.35 | 0.012 | 0.51 | 0.1  | 0.01  | 3.5  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW121742 | 0.124 | 0.5 | 1.9  | 0.01  | 0.61 | 0.05 | 0.03  | 6.4  | 0.4  | 0.025 | 7  | 0.7  | 1DX15  | WHI10000534 |
| BRW121742 | 0.124 | 0.5 | 1.92 | 0.011 | 0.59 | 0.05 | 0.02  | 6.3  | 0.4  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW121743 | 0.024 | 2   | 2.26 | 0.085 | 0.08 | 0.05 | 0.03  | 7.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW121744 | 0.055 | 2   | 1.77 | 0.01  | 0.12 | 0.05 | 0.04  | 5.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW121745 | 0.034 | 2   | 1.55 | 0.004 | 0.4  | 0.05 | 0.03  | 7.3  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140116 | 0.029 | 1   | 1.46 | 0.004 | 0.39 | 0.05 | 0.03  | 6.8  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140117 | 0.147 | 1   | 2.02 | 0.011 | 0.63 | 0.05 | 0.02  | 6.1  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW140118 | 0.171 | 0.5 | 2.89 | 0.014 | 0.7  | 0.05 | 0.01  | 5.9  | 0.7  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW140122 | 0.004 | 1   | 0.79 | 0.007 | 0.02 | 0.05 | 0.03  | 0.9  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000534 |
| BRW140302 | 0.095 | 2   | 1.75 | 0.013 | 0.36 | 0.05 | 0.1   | 8    | 0.2  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000534 |
| BRW140302 | 0.097 | 2   | 1.78 | 0.013 | 0.35 | 0.05 | 0.09  | 7.8  | 0.2  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140304 | 0.032 | 2   | 1.26 | 0.012 | 0.13 | 0.05 | 0.11  | 9.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140305 | 0.053 | 2   | 1.65 | 0.015 | 0.1  | 0.05 | 0.04  | 10.4 | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140306 | 0.05  | 1   | 2.07 | 0.017 | 0.05 | 0.05 | 0.02  | 6.1  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140307 | 0.04  | 0.5 | 2.31 | 0.036 | 0.07 | 0.05 | 0.02  | 6.3  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140308 | 0.084 | 0.5 | 2.05 | 0.022 | 0.05 | 0.05 | 0.03  | 5.6  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140309 | 0.069 | 1   | 1.72 | 0.012 | 0.06 | 0.1  | 0.03  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140310 | 0.021 | 2   | 1.32 | 0.008 | 0.06 | 0.05 | 0.04  | 13.5 | 0.05 | 0.025 | 4  | 0.5  | 1DX15  | WHI10000534 |
| BRW140311 | 0.084 | 0.5 | 2.22 | 0.02  | 0.06 | 0.05 | 0.03  | 7.8  | 0.05 | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW140444 | 0.139 | 1   | 1.91 | 0.009 | 0.94 | 0.05 | 0.005 | 4.6  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW140444 | 0.146 | 2   | 1.97 | 0.008 | 0.96 | 0.05 | 0.005 | 4.7  | 0.5  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW140445 | 0.209 | 2   | 1.73 | 0.012 | 0.86 | 0.05 | 0.04  | 13.4 | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW140446 | 0.071 | 1   | 1.65 | 0.012 | 0.35 | 0.05 | 0.03  | 11.2 | 0.1  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW140447 | 0.218 | 1   | 1.97 | 0.009 | 0.81 | 0.05 | 0.02  | 8.1  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW140448 | 0.172 | 0.5 | 1.7  | 0.012 | 0.95 | 0.05 | 0.005 | 6.6  | 0.8  | 0.17  | 6  | 0.7  | 1DX15  | WHI10000534 |
| BRW140449 | 0.134 | 0.5 | 1.79 | 0.012 | 0.36 | 0.1  | 0.03  | 7.2  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW140450 | 0.172 | 1   | 2.34 | 0.008 | 1.01 | 0.05 | 0.02  | 4.9  | 0.6  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW140451 | 0.004 | 0.5 | 0.67 | 0.004 | 0.09 | 0.05 | 0.15  | 6.2  | 0.1  | 0.025 | 2  | 0.6  | 1DX15  | WHI10000534 |
| BRW140453 | 0.018 | 2   | 1.52 | 0.004 | 0.11 | 0.2  | 0.04  | 7.8  | 0.05 | 0.025 | 5  | 2.4  | 1DX15  | WHI10000534 |
| BRW140455 | 0.097 | 3   | 1.38 | 0.029 | 0.16 | 0.05 | 0.04  | 5.6  | 0.1  | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140458 | 0.076 | 2   | 1.84 | 0.013 | 0.31 | 0.05 | 0.06  | 8.3  | 0.3  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW140460 | 0.033 | 2   | 0.8  | 0.011 | 0.06 | 0.05 | 0.04  | 3.2  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000534 |
| BRW140507 | 0.084 | 1   | 1.32 | 0.008 | 0.36 | 0.05 | 0.01  | 4.4  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140510 | 0.087 | 1   | 1.52 | 0.022 | 0.06 | 0.2  | 0.03  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140511 | 0.08  | 0.5 | 1.67 | 0.025 | 0.07 | 0.2  | 0.05  | 4.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140512 | 0.08  | 2   | 1.24 | 0.029 | 0.07 | 0.2  | 0.03  | 3.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140514 | 0.126 | 1   | 1.87 | 0.018 | 0.17 | 0.2  | 0.03  | 4.5  | 0.1  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140526 | 0.114 | 2   | 1.44 | 0.031 | 0.22 | 0.2  | 0.02  | 4.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140527 | 0.069 | 0.5 | 1.38 | 0.021 | 0.06 | 0.2  | 0.05  | 3.9  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140528 | 0.057 | 0.5 | 1.29 | 0.019 | 0.05 | 0.2  | 0.02  | 3    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140529 | 0.038 | 0.5 | 1.07 | 0.015 | 0.09 | 0.1  | 0.02  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140530 | 0.074 | 1   | 1.34 | 0.022 | 0.05 | 0.2  | 0.03  | 3.4  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140531 | 0.07  | 2   | 1.36 | 0.024 | 0.07 | 0.2  | 0.04  | 3.3  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140532 | 0.062 | 2   | 1.35 | 0.017 | 0.05 | 0.1  | 0.06  | 3.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140660 | 0.141 | 2   | 2    | 0.025 | 0.27 | 0.2  | 0.07  | 7.7  | 0.2  | 0.025 | 6  | 0.25 | 1DX15  | WHI10000534 |
| BRW140661 | 0.139 | 2   | 1.69 | 0.009 | 0.57 | 0.05 | 0.16  | 4.8  | 0.4  | 0.025 | 6  | 0.7  | 1DX15  | WHI10000534 |
| BRW140663 | 0.166 | 1   | 1.86 | 0.027 | 0.55 | 0.2  | 0.05  | 7.5  | 0.3  | 0.025 | 7  | 0.25 | 1DX15  | WHI10000534 |
| BRW140679 | 0.082 | 2   | 1.44 | 0.03  | 0.09 | 0.1  | 0.04  | 4.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140680 | 0.093 | 2   | 1.44 | 0.035 | 0.09 | 0.2  | 0.03  | 4.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140681 | 0.078 | 2   | 1.45 | 0.024 | 0.12 | 0.2  | 0.05  | 4.7  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140682 | 0.078 | 1   | 1.51 | 0.029 | 0.1  | 0.1  | 0.05  | 4.7  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140683 | 0.07  | 1   | 1.43 | 0.024 | 0.11 | 0.1  | 0.05  | 4.8  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW140684 | 0.075 | 3   | 1.25 | 0.024 | 0.09 | 0.2  | 0.02  | 4.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW140685 | 0.072 | 2   | 1.31 | 0.025 | 0.09 | 0.2  | 0.03  | 4.2  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |

| SampleID  | Type | UTM_Eastin | UTM_Northi | UTM_Zone | Mo   | Cu    | Pb   | Zn  | Ag   | Ni    | Co   |
|-----------|------|------------|------------|----------|------|-------|------|-----|------|-------|------|
| BRW140686 | Soil | 599762     | 7005676    | 07V      | 0.6  | 28.1  | 9.9  | 52  | 0.05 | 24.9  | 8.4  |
| BRW144033 | Soil | 599333     | 7006103    | 07V      | 1.9  | 68    | 10.8 | 86  | 0.1  | 201.2 | 27.5 |
| BRW144047 | Soil | 599189     | 7006244    | 07V      | 1.8  | 29.7  | 8.7  | 43  | 0.05 | 22.2  | 12.1 |
| BRW144056 | Soil | 598559     | 7005310    | 07V      | 0.8  | 38.7  | 27   | 83  | 0.05 | 25.2  | 17.8 |
| BRW144057 | Soil | 598596     | 7005338    | 07V      | 2.5  | 27.9  | 18.5 | 84  | 0.05 | 24.5  | 8.8  |
| BRW144058 | Soil | 598638     | 7005368    | 07V      | 1.7  | 57.4  | 19.2 | 107 | 0.05 | 63.6  | 18.6 |
| BRW144059 | Soil | 598676     | 7005400    | 07V      | 1.8  | 45.1  | 32.3 | 58  | 0.05 | 21.1  | 5.8  |
| BRW144060 | Soil | 598719     | 7005429    | 07V      | 1.5  | 42.5  | 14.5 | 118 | 0.05 | 47.1  | 17.5 |
| BRW144061 | Soil | 598719     | 7005429    | 07V      | 1.7  | 43.2  | 15.4 | 123 | 0.05 | 48.7  | 17.7 |
| BRW144062 | Soil | 598757     | 7005458    | 07V      | 0.8  | 31.7  | 8.1  | 80  | 0.05 | 15.4  | 20   |
| BRW144063 | Soil | 598796     | 7005491    | 07V      | 0.6  | 33.1  | 9.5  | 65  | 0.05 | 27    | 15.2 |
| BRW144064 | Soil | 598837     | 7005523    | 07V      | 0.4  | 24.6  | 10.6 | 75  | 0.05 | 18.3  | 18.8 |
| BRW144065 | Soil | 598876     | 7005554    | 07V      | 0.6  | 17.2  | 8.6  | 69  | 0.05 | 14.1  | 18.3 |
| BRW144410 | Soil | 598034     | 7004966    | 07V      | 2.5  | 29.2  | 13.5 | 80  | 0.05 | 50    | 13.5 |
| BRW144411 | Soil | 598014     | 7004951    | 07V      | 2.3  | 71.3  | 8.7  | 87  | 0.05 | 65.9  | 25.5 |
| BRW144411 | REP  | 598014     | 7004951    | 07V      | 2.4  | 72.3  | 8.4  | 88  | 0.05 | 64.1  | 25.5 |
| BRW144412 | Soil | 597994     | 7004935    | 07V      | 8.6  | 30.7  | 14.8 | 41  | 0.2  | 25    | 10   |
| BRW144413 | Soil | 597974     | 7004920    | 07V      | 0.4  | 19    | 8.9  | 53  | 0.05 | 16.9  | 3.9  |
| BRW144414 | Soil | 597955     | 7004903    | 07V      | 1.4  | 55.5  | 11.3 | 96  | 0.05 | 31.9  | 20.5 |
| BRW144415 | Soil | 597934     | 7004888    | 07V      | 14.3 | 126.5 | 21.2 | 450 | 0.2  | 112.9 | 16.8 |
| BRW144416 | Soil | 597914     | 7004874    | 07V      | 18.9 | 87.7  | 20   | 149 | 0.4  | 62.8  | 20   |
| BRW144417 | Soil | 597895     | 7004858    | 07V      | 10.5 | 45.3  | 11.6 | 82  | 0.2  | 50.6  | 14.3 |
| BRW144418 | Soil | 597874     | 7004844    | 07V      | 69.4 | 72.6  | 42.4 | 157 | 0.4  | 96.8  | 18.9 |
| BRW144419 | Soil | 597858     | 7004825    | 07V      | 1.5  | 37.2  | 8.9  | 50  | 0.1  | 36.5  | 12.4 |
| BRW144420 | Soil | 597838     | 7004810    | 07V      | 6.4  | 71.1  | 18.5 | 101 | 0.05 | 51.4  | 16.8 |
| BRW144540 | Soil | 596468     | 7006848    | 07V      | 0.6  | 29    | 6.8  | 82  | 0.05 | 19.6  | 17   |
| BRW144591 | Soil | 596942     | 7007219    | 07V      | 1.1  | 13.9  | 10.2 | 59  | 0.05 | 12.1  | 7.5  |
| BRW144594 | Soil | 596825     | 7007125    | 07V      | 0.4  | 37.2  | 47.6 | 315 | 0.05 | 26.5  | 10.3 |

| SampleID  | Mn   | Fe   | As_  | U   | Au   | Th   | Sr  | Cd   | Sb  | Bi   | V   | Ca    | P     | La | Cr  | Mg   | Ba   |
|-----------|------|------|------|-----|------|------|-----|------|-----|------|-----|-------|-------|----|-----|------|------|
| BRW140686 | 290  | 2.46 | 7.4  | 0.8 | 3.9  | 4.3  | 35  | 0.05 | 0.7 | 0.2  | 47  | 0.58  | 0.059 | 13 | 29  | 0.57 | 216  |
| BRW144033 | 629  | 4.28 | 21.7 | 1.3 | 6.4  | 4.9  | 25  | 0.1  | 1.5 | 0.2  | 76  | 0.38  | 0.021 | 18 | 333 | 1.53 | 258  |
| BRW144047 | 392  | 2.4  | 7.4  | 1.1 | 4.8  | 3.8  | 24  | 0.1  | 0.7 | 0.2  | 49  | 0.27  | 0.018 | 15 | 33  | 0.34 | 255  |
| BRW144056 | 637  | 4.67 | 5.7  | 0.6 | 0.25 | 3.3  | 16  | 0.05 | 0.3 | 0.3  | 97  | 0.36  | 0.059 | 11 | 46  | 1.36 | 318  |
| BRW144057 | 618  | 3.96 | 20.4 | 0.8 | 0.8  | 8.2  | 13  | 0.05 | 0.7 | 0.05 | 35  | 0.11  | 0.027 | 13 | 24  | 0.22 | 191  |
| BRW144058 | 427  | 5.2  | 6.2  | 1.3 | 3.1  | 13.7 | 25  | 0.05 | 0.2 | 0.05 | 88  | 0.31  | 0.044 | 46 | 98  | 1.34 | 457  |
| BRW144059 | 120  | 3.24 | 66.3 | 1.3 | 2    | 11.9 | 22  | 0.05 | 2   | 0.2  | 56  | 0.09  | 0.032 | 29 | 43  | 0.22 | 172  |
| BRW144060 | 458  | 5.81 | 39   | 1.5 | 1.8  | 8.9  | 18  | 0.05 | 1   | 0.05 | 132 | 0.41  | 0.075 | 42 | 67  | 0.91 | 589  |
| BRW144061 | 525  | 5.97 | 41.4 | 1.5 | 1.5  | 8.7  | 17  | 0.05 | 1   | 0.1  | 136 | 0.36  | 0.07  | 33 | 65  | 0.88 | 545  |
| BRW144062 | 609  | 4.56 | 4.7  | 0.7 | 0.8  | 3.5  | 17  | 0.1  | 0.2 | 0.05 | 104 | 0.7   | 0.164 | 10 | 24  | 1.57 | 192  |
| BRW144063 | 525  | 3.57 | 13.2 | 0.6 | 2.9  | 5.3  | 23  | 0.05 | 0.6 | 0.1  | 73  | 0.62  | 0.083 | 19 | 47  | 0.84 | 243  |
| BRW144064 | 508  | 4.01 | 4.9  | 0.8 | 0.6  | 11.5 | 20  | 0.05 | 0.2 | 0.05 | 79  | 0.5   | 0.081 | 37 | 156 | 1.86 | 150  |
| BRW144065 | 690  | 4.02 | 3.8  | 0.4 | 0.5  | 3.4  | 19  | 0.05 | 0.3 | 0.05 | 94  | 0.62  | 0.083 | 12 | 96  | 1.85 | 304  |
| BRW144410 | 619  | 4.53 | 4.3  | 0.6 | 2    | 13.5 | 25  | 0.05 | 0.3 | 0.05 | 86  | 0.32  | 0.035 | 13 | 94  | 0.94 | 311  |
| BRW144411 | 557  | 5.37 | 3.7  | 0.8 | 1.9  | 20.8 | 26  | 0.05 | 0.2 | 0.05 | 114 | 0.31  | 0.02  | 64 | 96  | 1.62 | 334  |
| BRW144411 | 553  | 5.32 | 3.4  | 0.7 | 2.5  | 20.5 | 26  | 0.05 | 0.2 | 0.05 | 110 | 0.31  | 0.021 | 64 | 95  | 1.58 | 329  |
| BRW144412 | 651  | 2.38 | 73.7 | 0.8 | 20.9 | 8.8  | 44  | 0.1  | 1   | 0.05 | 25  | 4.36  | 0.055 | 27 | 16  | 0.23 | 467  |
| BRW144413 | 376  | 1    | 5.1  | 1.3 | 1.6  | 1.4  | 157 | 0.3  | 0.3 | 0.05 | 17  | 12.47 | 0.087 | 8  | 17  | 2.53 | 270  |
| BRW144414 | 1066 | 5.31 | 12.8 | 1.2 | 4.3  | 8.4  | 18  | 0.1  | 0.4 | 0.05 | 90  | 0.57  | 0.02  | 47 | 37  | 0.97 | 579  |
| BRW144415 | 684  | 4.16 | 26.1 | 2.2 | 1    | 4.8  | 35  | 0.9  | 0.9 | 0.2  | 172 | 0.23  | 0.055 | 15 | 84  | 0.62 | 662  |
| BRW144416 | 491  | 3.67 | 13.8 | 1.2 | 1.1  | 7.6  | 35  | 0.4  | 0.7 | 0.1  | 117 | 0.44  | 0.055 | 23 | 61  | 0.5  | 2190 |
| BRW144417 | 471  | 3.35 | 14.7 | 0.7 | 9.5  | 5.9  | 29  | 0.2  | 0.6 | 0.1  | 81  | 0.44  | 0.025 | 20 | 48  | 0.55 | 343  |
| BRW144418 | 594  | 3.69 | 63.5 | 1.4 | 40.4 | 3.4  | 48  | 0.6  | 2.4 | 0.2  | 65  | 0.62  | 0.047 | 13 | 55  | 0.27 | 529  |
| BRW144419 | 464  | 2.66 | 8.1  | 0.6 | 2.7  | 4.6  | 34  | 0.05 | 0.5 | 0.1  | 50  | 0.76  | 0.057 | 19 | 37  | 0.67 | 267  |
| BRW144420 | 712  | 4.74 | 15.5 | 1.1 | 9.2  | 17.9 | 22  | 0.05 | 0.6 | 0.05 | 59  | 0.23  | 0.029 | 43 | 46  | 0.66 | 258  |
| BRW144540 | 1106 | 5.15 | 5.1  | 0.8 | 2.4  | 4.2  | 23  | 0.05 | 0.2 | 0.05 | 98  | 0.6   | 0.06  | 18 | 46  | 1.62 | 352  |
| BRW144591 | 388  | 3.54 | 11.4 | 0.9 | 3.8  | 4.7  | 12  | 0.05 | 0.5 | 0.2  | 79  | 0.12  | 0.049 | 15 | 28  | 0.45 | 177  |
| BRW144594 | 815  | 3.65 | 5.7  | 1.4 | 5    | 6.1  | 25  | 0.05 | 0.4 | 0.5  | 57  | 0.36  | 0.032 | 25 | 76  | 1.39 | 532  |

| SampleID  | Ti    | B   | Al   | Na    | K    | W    | Hg    | Sc   | Tl   | S     | Ga | Se   | Method | Acme File   |
|-----------|-------|-----|------|-------|------|------|-------|------|------|-------|----|------|--------|-------------|
| BRW140686 | 0.07  | 2   | 1.25 | 0.026 | 0.08 | 0.2  | 0.04  | 4    | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW144033 | 0.068 | 0.5 | 2.37 | 0.014 | 0.07 | 0.1  | 0.14  | 9.1  | 0.1  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000534 |
| BRW144047 | 0.072 | 0.5 | 1.35 | 0.015 | 0.06 | 0.05 | 0.04  | 4.6  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW144056 | 0.175 | 1   | 2.64 | 0.013 | 1.19 | 0.05 | 0.02  | 9.2  | 0.4  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000534 |
| BRW144057 | 0.025 | 2   | 0.96 | 0.006 | 0.15 | 0.05 | 0.01  | 7.5  | 0.2  | 0.025 | 3  | 0.25 | 1DX15  | WHI10000534 |
| BRW144058 | 0.139 | 0.5 | 2.79 | 0.012 | 0.74 | 0.05 | 0.02  | 9    | 0.6  | 0.025 | 8  | 0.5  | 1DX15  | WHI10000534 |
| BRW144059 | 0.034 | 2   | 0.92 | 0.007 | 0.16 | 0.05 | 0.02  | 5    | 0.3  | 0.07  | 3  | 0.7  | 1DX15  | WHI10000534 |
| BRW144060 | 0.156 | 2   | 2.37 | 0.008 | 0.69 | 0.05 | 0.02  | 13.7 | 0.6  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000534 |
| BRW144061 | 0.165 | 2   | 2.32 | 0.006 | 0.73 | 0.05 | 0.02  | 12.2 | 0.6  | 0.025 | 9  | 0.7  | 1DX15  | WHI10000534 |
| BRW144062 | 0.177 | 1   | 2.51 | 0.017 | 1.14 | 0.1  | 0.005 | 7.8  | 0.6  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000534 |
| BRW144063 | 0.103 | 2   | 1.65 | 0.02  | 0.32 | 0.1  | 0.03  | 7.2  | 0.3  | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW144064 | 0.158 | 0.5 | 2.48 | 0.011 | 0.96 | 0.05 | 0.005 | 9.7  | 0.5  | 0.025 | 11 | 0.25 | 1DX15  | WHI10000534 |
| BRW144065 | 0.159 | 2   | 2.29 | 0.016 | 0.77 | 0.05 | 0.005 | 7.5  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000534 |
| BRW144410 | 0.079 | 0.5 | 2.63 | 0.012 | 0.44 | 0.05 | 0.02  | 9.1  | 0.1  | 0.025 | 9  | 0.5  | 1DX15  | WHI10000534 |
| BRW144411 | 0.067 | 0.5 | 3.6  | 0.013 | 0.34 | 0.05 | 0.03  | 7    | 0.2  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000534 |
| BRW144411 | 0.064 | 0.5 | 3.47 | 0.018 | 0.33 | 0.05 | 0.02  | 7.1  | 0.2  | 0.025 | 13 | 0.25 | 1DX15  | WHI10000534 |
| BRW144412 | 0.006 | 5   | 0.74 | 0.011 | 0.14 | 0.05 | 0.05  | 4.6  | 0.1  | 0.025 | 2  | 0.25 | 1DX15  | WHI10000534 |
| BRW144413 | 0.015 | 4   | 0.84 | 0.014 | 0.04 | 0.05 | 0.08  | 1.3  | 0.05 | 0.025 | 2  | 0.25 | 1DX15  | WHI10000534 |
| BRW144414 | 0.119 | 2   | 1.98 | 0.014 | 0.84 | 0.05 | 0.06  | 14.7 | 0.4  | 0.025 | 6  | 0.8  | 1DX15  | WHI10000534 |
| BRW144415 | 0.073 | 2   | 1.58 | 0.008 | 0.38 | 0.1  | 0.02  | 6.8  | 0.4  | 0.025 | 5  | 2.9  | 1DX15  | WHI10000534 |
| BRW144416 | 0.055 | 2   | 1.54 | 0.007 | 0.3  | 0.05 | 0.005 | 5.6  | 0.4  | 0.025 | 5  | 1.8  | 1DX15  | WHI10000534 |
| BRW144417 | 0.093 | 2   | 1.49 | 0.019 | 0.2  | 0.2  | 0.03  | 6.2  | 0.05 | 0.025 | 5  | 0.25 | 1DX15  | WHI10000534 |
| BRW144418 | 0.009 | 2   | 0.98 | 0.008 | 0.13 | 0.05 | 0.09  | 7.7  | 0.1  | 0.05  | 3  | 1.9  | 1DX15  | WHI10000534 |
| BRW144419 | 0.068 | 2   | 1.32 | 0.022 | 0.14 | 0.1  | 0.05  | 4.1  | 0.05 | 0.025 | 4  | 0.25 | 1DX15  | WHI10000534 |
| BRW144420 | 0.094 | 2   | 1.64 | 0.008 | 0.44 | 0.05 | 0.07  | 7.2  | 0.3  | 0.025 | 5  | 0.6  | 1DX15  | WHI10000534 |
| BRW144540 | 0.141 | 1   | 2.69 | 0.018 | 0.45 | 0.05 | 0.03  | 13.9 | 0.2  | 0.025 | 9  | 0.25 | 1DX15  | WHI10000534 |
| BRW144591 | 0.108 | 0.5 | 1.66 | 0.008 | 0.23 | 0.1  | 0.03  | 4.9  | 0.2  | 0.025 | 8  | 0.25 | 1DX15  | WHI10000534 |
| BRW144594 | 0.1   | 1   | 2.66 | 0.011 | 0.56 | 0.05 | 0.09  | 11.4 | 0.4  | 0.025 | 8  | 0.6  | 1DX15  | WHI10000534 |

| <b>Appendix B: Claims List</b> |                     |                                  |                        |
|--------------------------------|---------------------|----------------------------------|------------------------|
| <b>Claim Name</b>              | <b>Grant Number</b> | <b>Owner / Operator</b>          | <b>Mining District</b> |
| Brew 1                         | YC87746             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 2                         | YC87747             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 3                         | YC87748             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 4                         | YC87749             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 5                         | YC87750             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 6                         | YC87751             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 7                         | YC87752             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 8                         | YC87753             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 9                         | YC87754             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 10                        | YC87755             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 11                        | YC87756             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 12                        | YC87757             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 13                        | YC87758             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 14                        | YC87759             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 15                        | YC87760             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 16                        | YC87761             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 17                        | YC87762             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 18                        | YC87763             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 19                        | YC87764             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 20                        | YC87765             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 21                        | YC87766             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 22                        | YC87767             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 23                        | YC87768             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 24                        | YC87769             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 25                        | YC87770             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 26                        | YC87771             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 27                        | YC87772             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 28                        | YC87773             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 29                        | YC87774             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 30                        | YC87775             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 31                        | YC87776             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 32                        | YC87777             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 33                        | YC87778             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 34                        | YC87779             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 35                        | YC87780             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 36                        | YC87781             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 37                        | YC87782             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 38                        | YC87783             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 39                        | YC87784             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 40                        | YC87785             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 41                        | YC87786             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 42                        | YC87787             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 43                        | YC87788             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 44                        | YC87789             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 45                        | YC87790             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 46                        | YC87791             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 47                        | YC87792             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 48                        | YC87793             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 49                        | YC87794             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 50                        | YC87795             | Ryanwood Exploration Inc. - 100% | Dawson                 |

| <b>Claim Name</b> | <b>Grant Number</b> | <b>Owner / Operator</b>          | <b>Mining District</b> |
|-------------------|---------------------|----------------------------------|------------------------|
| Brew 51           | YC87796             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 52           | YC87797             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 53           | YC87798             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 54           | YC87799             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 55           | YC87800             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 56           | YC87801             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 57           | YC95901             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 58           | YC95902             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 59           | YC95903             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 60           | YC95904             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 61           | YC95905             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 62           | YC95906             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 63           | YC95907             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 64           | YC95908             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 65           | YC95909             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 66           | YC95910             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 67           | YC95911             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 68           | YC95912             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 69           | YC95913             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 70           | YC95914             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 71           | YC95915             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 72           | YC95916             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 73           | YC95917             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 74           | YC95918             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 75           | YC95919             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 76           | YC95920             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 77           | YC95921             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 78           | YC95922             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 79           | YC95923             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 80           | YC95924             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 81           | YC95925             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 82           | YC95926             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 83           | YC95927             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 84           | YC95928             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 85           | YC95929             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 86           | YC95930             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 87           | YC95931             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 88           | YC95932             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 89           | YC95933             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 90           | YC95934             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 91           | YC95935             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 92           | YC95936             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 93           | YC95937             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 94           | YC95938             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 95           | YC95939             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 96           | YC95940             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 97           | YC95941             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 98           | YC95942             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 99           | YC95943             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 100          | YC95944             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 101          | YC95945             | Ryanwood Exploration Inc. - 100% | Dawson                 |

| <b>Claim Name</b> | <b>Grant Number</b> | <b>Owner / Operator</b>          | <b>Mining District</b> |
|-------------------|---------------------|----------------------------------|------------------------|
| Brew 102          | YC95946             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 103          | YC95947             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 104          | YC95948             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 105          | YC95949             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 106          | YC95950             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 107          | YC95951             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 108          | YC95952             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 109          | YC95953             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 110          | YC95954             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 111          | YC95955             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 112          | YC95956             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 113          | YC95957             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 114          | YC95958             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 115          | YC95959             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 116          | YC95960             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 117          | YC95961             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 118          | YC95962             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 119          | YC95963             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 120          | YC95964             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 121          | YC95965             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 122          | YC95966             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 123          | YC95967             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 124          | YC95968             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 125          | YC95969             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 126          | YC95970             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 127          | YC95971             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 128          | YC95972             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 129          | YC95973             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 130          | YC95974             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 131          | YC95975             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 132          | YC95976             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 133          | YC95977             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 134          | YC95978             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 135          | YC95979             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 136          | YC95980             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 137          | YC95981             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 138          | YC95982             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 139          | YC95983             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 140          | YC95984             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 141          | YC95985             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 142          | YC95986             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 143          | YC95987             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 144          | YC95988             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 145          | YC95989             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 146          | YC95990             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 147          | YC95991             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 148          | YC95992             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 149          | YC95993             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 150          | YC95994             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 151          | YC95995             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 152          | YC95996             | Ryanwood Exploration Inc. - 100% | Dawson                 |

| <b>Claim Name</b> | <b>Grant Number</b> | <b>Owner / Operator</b>          | <b>Mining District</b> |
|-------------------|---------------------|----------------------------------|------------------------|
| Brew 153          | YC95997             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 154          | YC95998             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 155          | YC95999             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 156          | YC96000             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 157          | YC96001             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 158          | YC96002             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 159          | YC96003             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 160          | YC96004             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 161          | YC96005             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 162          | YC96006             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 163          | YC96007             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 164          | YC96008             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 165          | YC96009             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 166          | YC96010             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 167          | YC96011             | Ryanwood Exploration Inc. - 100% | Dawson                 |
| Brew 168          | YC96012             | Ryanwood Exploration Inc. - 100% | Dawson                 |

## Geochemical Aqua Regia Digestion

### Groups 1D, 1DX ICP-ES & ICP-MS

You can choose economically priced ICP-ES (Group 1D) or ICP-MS (Group 1DX) analysis to complement your exploration program.

Sample splits of 0.5g are leached in hot (95°C) Aqua Regia. Select a larger split size for more representative Au analysis. Refractory and graphitic samples can limit Au solubility.

Sample minimum 1g pulp.

| Group 1D01  | Cdn           |
|-------------|---------------|
| 34 elements | <b>\$9.40</b> |

| Group 1D03      | Cdn            |
|-----------------|----------------|
| Include Uranium | <b>+\$0.50</b> |

| Code                 | Group 1DX        | Cdn            |
|----------------------|------------------|----------------|
| 1DX1                 | 36 elements 0.5g | <b>\$15.75</b> |
| 1DX2                 | 36 elements 15g  | <b>\$19.95</b> |
| 1DX3                 | 36 elements 30g  | <b>\$23.60</b> |
| Include U by request |                  |                |

|     | Group 1D<br>Detection | Group 1DX<br>Detection | Upper<br>Limit |
|-----|-----------------------|------------------------|----------------|
| Ag* | 0.3 ppm               | 0.1 ppm                | 100 ppm        |
| Al* | 0.01 %                | 0.01 %                 | 10 %           |
| As  | 2 ppm                 | 0.5 ppm                | 10000 ppm      |
| Au* | 2 ppm                 | 0.5 ppb                | 100 ppm        |
| B*† | 20 ppm                | 20 ppm                 | 2000 ppm       |
| Ba* | 1 ppm                 | 1 ppm                  | 10000 ppm      |
| Bi  | 3 ppm                 | 0.1 ppm                | 2000 ppm       |
| Ca* | 0.01 %                | 0.01 %                 | 40 %           |
| Cd  | 0.5 ppm               | 0.1 ppm                | 2000 ppm       |
| Co  | 1 ppm                 | 0.1 ppm                | 2000 ppm       |
| Cr* | 1 ppm                 | 1 ppm                  | 10000 ppm      |
| Cu  | 1 ppm                 | 0.1 ppm                | 10000 ppm      |
| Fe* | 0.01 %                | 0.01 %                 | 40 %           |
| Ga* | 5 ppm                 | 1 ppm                  | 1000 ppm       |
| Hg  | 1 ppm                 | 0.01 ppm               | 50 ppm         |
| K*  | 0.01 %                | 0.01 %                 | 10 %           |
| La* | 1 ppm                 | 1 ppm                  | 10000 ppm      |
| Mg* | 0.01 %                | 0.01 %                 | 30 %           |
| Mn* | 2 ppm                 | 1 ppm                  | 10000 ppm      |
| Mo  | 1 ppm                 | 0.1 ppm                | 2000 ppm       |
| Na* | 0.01 %                | 0.001 %                | 5 %            |
| Ni  | 1 ppm                 | 0.1 ppm                | 10000 ppm      |
| P*  | 0.001 %               | 0.001 %                | 5 %            |
| Pb  | 3 ppm                 | 0.1 ppm                | 10000 ppm      |
| S*  | 0.05 %                | 0.05 %                 | 10 %           |
| Sb* | 3 ppm                 | 0.1 ppm                | 2000 ppm       |
| Sc  | 5 ppm                 | 0.1 ppm                | 100 ppm        |
| Se  | –                     | 0.5 ppm                | 100 ppm        |
| Sr* | 1 ppm                 | 1 ppm                  | 10000 ppm      |
| Te  | –                     | 0.2 ppm                | 1000 ppm       |
| Th* | 2 ppm                 | 0.1 ppm                | 2000 ppm       |
| Ti* | 0.001 %               | 0.001 %                | 5 %            |
| Tl  | 5 ppm                 | 0.1 ppm                | 1000 ppm       |
| V*  | 1 ppm                 | 2 ppm                  | 10000 ppm      |
| W*  | 2 ppm                 | 0.1 ppm                | 100 ppm        |
| Zn  | 1 ppm                 | 1 ppm                  | 10000 ppm      |

\*Solubility of some elements will be limited by mineral species present.

†Detection limit = 1 ppm for 15g / 30g analysis.