

## Exploration Progress at Salambidwe

### HIGHLIGHTS

- *DY6 has completed the initial geochemical and geophysical exploration programs at the Salambidwe REE and Nb project.*
- *Assay results have been received for the grid-based soil and rock chip sampling. Results from the 128 soil and 386 rock chips expand the known area of anomalous responses.*
- *Maximum values from separate rock chip samples were 1.21% TREO & 0.12% Nb<sub>2</sub>O<sub>5</sub>*
- *The 45-line kilometre airborne geophysical program confirmed the highly concentric nature of the intrusive complex.*
- *DY6 is assessing the combined geochemical and geophysical data to refine targets prior to a maiden drill program.*

DY6 Metals Ltd (ASX: DY6) ("DY6", the "Company") is pleased to provide this update to shareholders on its extensive geochemical and geophysical sampling program at the highly prospective Salambidwe REE and niobium (Nb) project in southern Malawi. A total of 514 soil and rock chip samples were collected over a 50km grid from outcrops across the licence area (Table 1) along with completion of an airborne geophysical program consisting of 45-line kilometres of electromagnetic plus radiometric surveying to map the magnetic and conductive properties of the geology of Salambidwe.

Ground based grid controlled geochemical sampling (Figure 1) was undertaken to confirm historical exploration results of Globe Metals and Mining ("Globe") and to expand the footprint of anomalous responses. Previous activity had not closed off the anomalous zones, nor had airborne geophysical surveys covered the area due to its proximity to the border with Mozambique.

Globe completed a sampling and ground radiometric survey over part of the central ring complex area of the intrusion outlining several zones of strongly anomalous TREO and Nb responses, numerous zones extended to the limits of the sampling. DY6's sampling was specifically aimed at either extending or closing off these anomalous zones to the northern and western part of the licence.

The area of the historical sampling was not resampled, but several traverses were made across the outlined anomalous areas to ensure consistency and coherency of results (Figure 2). Absolute values obtained from the DY6 exploration appear to be slightly lower in tenor than the historical data; it is interpreted that this is due to the majority of the DY6 sampling being peripheral to the historical sampling and extending away from the central anomalous area.

DY6 detailed sampling expanded the anomalous areas on 100m x 100m spacing and the more regional and confirmatory sampling was at 100m intervals along lines 500m apart.

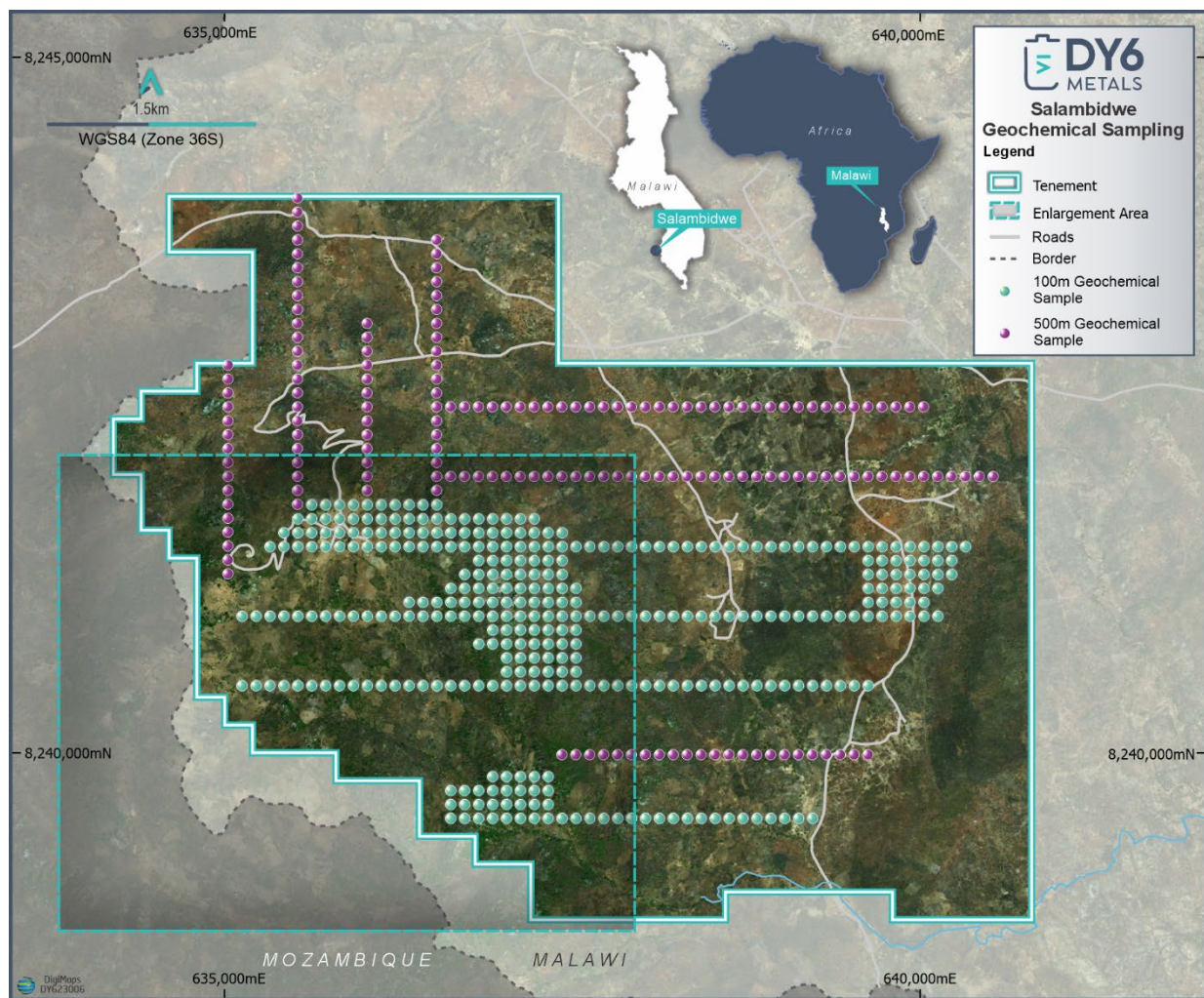


Figure 1: Geochemical sampling at Salambidwe prospect

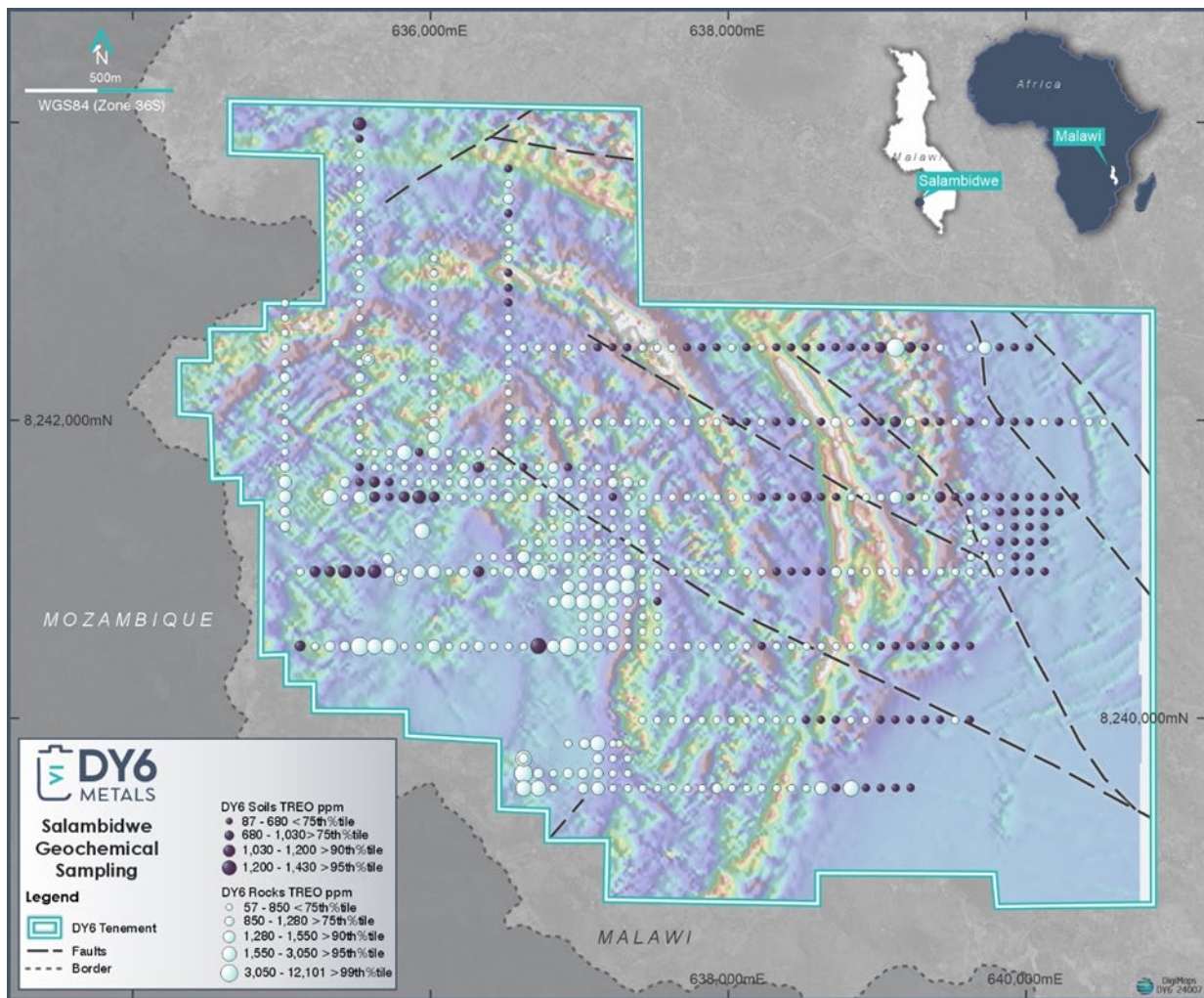


Figure 2: DY6 Anomalous TREO Responses on RTP1VD aeromagnetic data at Salambidwe

The airborne data shown in Figure 2 shows the strong circular and concentric character of the intrusive syenite units at Salambidwe; note the area of anomalism seems to show a more subdued magnetic character, presumably due to alteration. Strong radiometric responses coincide with this area as shown below in Figure 3.

Figure 3 shows the extent of the historical TREO anomalism overlaid on the Total Count (TC) radiometrics image and the anomalous extensions generated by DY6's exploration sampling.

Though a portion of the western anomalous zone is outside the current tenure; being too close to the Mozambique/Malawi border; this anomalous trend is now >2km long. The anomalous zone to the west of the western zone which does not overlay strong radiometric response requires further exploration. Both soils and rock chips return anomalous responses in this zone.

The eastern zone is approximately 1,700m long and nearly 1,000m wide near its northern limits.

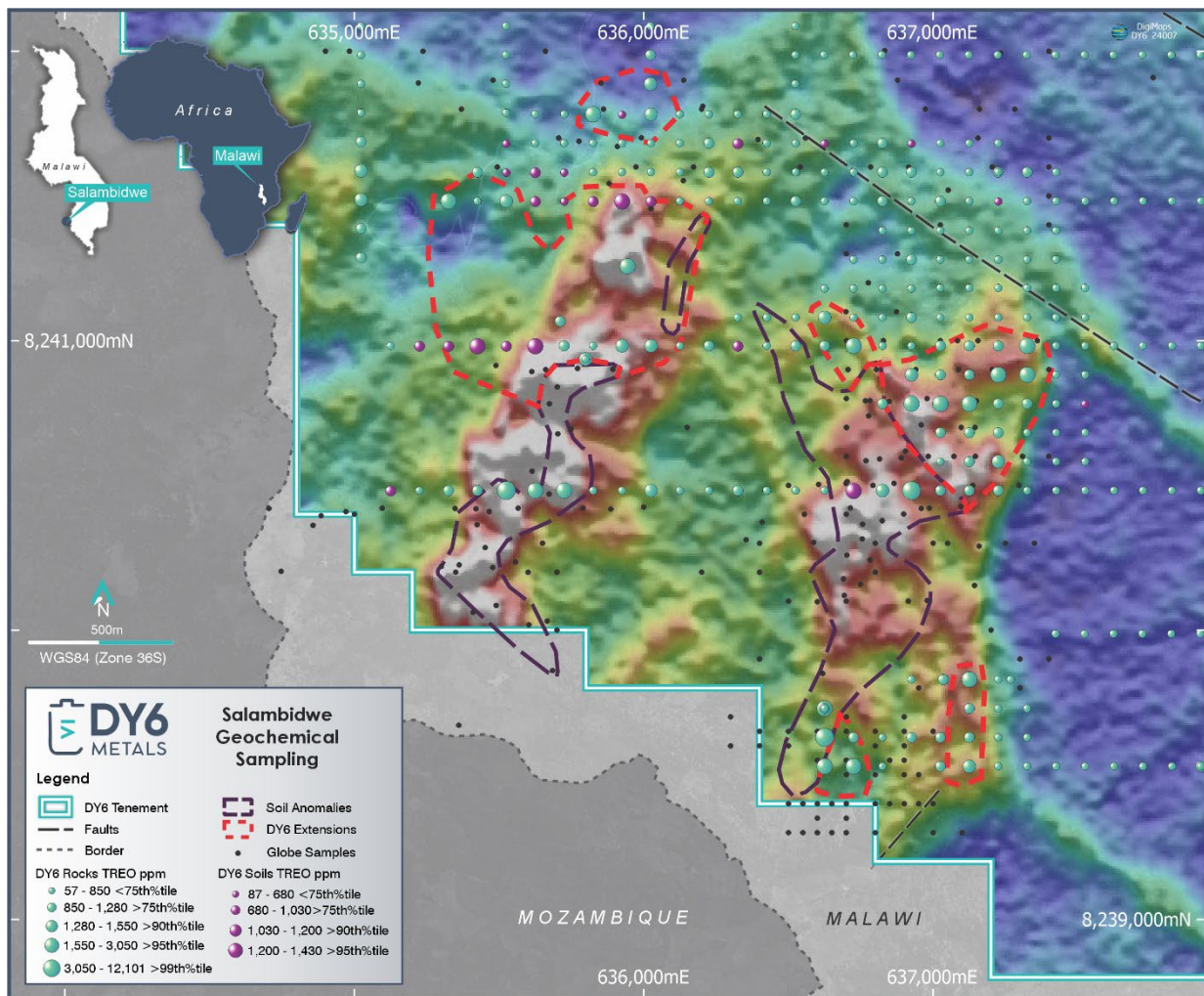


Figure 3: Enlarged Area from Figure 1 showing DY6 TREO Extensions to Historic Anomalous Zones on TC radiometric data at Salambidwe.

$\text{Nb}_2\text{O}_5$  results also extended the anomalous areas tended both zones, though their extent is more limited than the TREO. The western zone is approximately 1,700m long (including outside tenure) and the eastern zone is approximately 1,500m long.



Photos 1 & 2: Salambidwe Intrusive Complex and Syenite Outcrops and Boulders

**The Company's CEO, Mr Lloyd Kaiser said:** *"The expansion of the anomalous areas at Salambidwe creates an enticingly large target; the exploration team have done an excellent job in rugged terrain."*

The company will define the priority targets for drill testing then review these in conjunction with the digital terrain data to ascertain accessibility.

-ENDS-

This announcement has been authorised by the Board of DY6.

## More information

| Mr Lloyd Kaiser  | Mr John Kay  | Mr Luke Forrestal  |
|--|--|--------------------|
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## Competent Persons Statement

*The Information in this announcement that relates to exploration results, mineral resources or ore reserves is based on information compiled by Mr Allan Younger, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Younger is a consultant of the Company. Mr Younger has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code). Mr Younger consents to the inclusion of this information in the form and context in which it appears in this announcement. Mr Younger holds shares in the Company.*

**Table 1 – Sampling Locations**

| SAMPLE ID | SAMPLE TYPE | EASTING | NORTHING | DATUM       | TYPE | WEIGHT (Kg) |
|-----------|-------------|---------|----------|-------------|------|-------------|
| SEX001    | Original    | 635944  | 8241257  | WGS 84/Z36S | Rock | Not weighed |
| SEX002    | Original    | 635799  | 8240936  | WGS 84/Z36S | Rock | Not weighed |
| SEX003    | Original    | 635711  | 8241067  | WGS 84/Z36S | Rock | Not weighed |
| SEX004    | Original    | 635816  | 8242282  | WGS 84/Z36S | Rock | Not weighed |
| SEX005    | Original    | 635581  | 8242413  | WGS 84/Z36S | Rock | Not weighed |
| SEX006    | Original    | 635366  | 8242518  | WGS 84/Z36S | Rock | Not weighed |
| SEX007    | Original    | 635799  | 8240936  | WGS 84/Z36S | Rock | Not weighed |
| SEX008    | Original    | 635581  | 8242413  | WGS 84/Z36S | Rock | Not weighed |
| SEX009    | Original    | 635325  | 8241482  | WGS 84/Z36S | Rock | 1.66        |
| SEX010    | Original    | 635425  | 8241482  | WGS 84/Z36S | Rock | 1.14        |
| SEX011    | Original    | 635525  | 8241482  | WGS 84/Z36S | Rock | 1.64        |
| SEX012    | Original    | 635625  | 8241482  | WGS 84/Z36S | Soil | 1.52        |
| SEX013    | Original    | 635725  | 8241482  | WGS 84/Z36S | Soil | 1.56        |
| SEX014    | Original    | 635825  | 8241482  | WGS 84/Z36S | Soil | 1.82        |
| SEX015    | Original    | 635925  | 8241482  | WGS 84/Z36S | Soil | 1.96        |
| SEX016    | Original    | 636025  | 8241482  | WGS 84/Z36S | Soil | 1.87        |
| SEX017    | Original    | 636125  | 8241482  | WGS 84/Z36S | Rock | 1.98        |
| SEX018    | Original    | 636225  | 8241482  | WGS 84/Z36S | Rock | 1.9         |
| SEX019    | Original    | 636325  | 8241482  | WGS 84/Z36S | Rock | 1.84        |
| SEX020    | Original    | 636425  | 8241482  | WGS 84/Z36S | Rock | 2.28        |
| SEX021    | Original    | 636525  | 8241482  | WGS 84/Z36S | Rock | 2.28        |
| SEX022    | Original    | 636625  | 8241482  | WGS 84/Z36S | Rock | 2.22        |
| SEX023    | Original    | 636725  | 8241482  | WGS 84/Z36S | Rock | 2.46        |
| SEX024    | Original    | 636825  | 8241482  | WGS 84/Z36S | Rock | 2.32        |
| SEX025    | Original    | 636925  | 8241482  | WGS 84/Z36S | Rock | 1.94        |
| SEX026    | Original    | 637025  | 8241482  | WGS 84/Z36S | Rock | 1.72        |
| SEX027    | Original    | 637125  | 8241482  | WGS 84/Z36S | Rock | 2.06        |
| SEX028    | Original    | 637225  | 8241482  | WGS 84/Z36S | Soil | 2           |
| SEX029    | Original    | 637325  | 8241482  | WGS 84/Z36S | Rock | 1.82        |
| SEX030    | Original    | 637425  | 8241482  | WGS 84/Z36S | Rock | 1.96        |
| SEX031    | Original    | 637525  | 8241482  | WGS 84/Z36S | Rock | 2.62        |
| SEX032    | Original    | 637625  | 8241482  | WGS 84/Z36S | Rock | 1.74        |
| SEX034    | Original    | 637725  | 8241482  | WGS 84/Z36S | Rock | 1.56        |
| SEX035    | Original    | 637825  | 8241482  | WGS 84/Z36S | Rock | 1.56        |
| SEX036    | Original    | 637925  | 8241482  | WGS 84/Z36S | Rock | 1.06        |
| SEX037    | Original    | 638025  | 8241482  | WGS 84/Z36S | Rock | 1.78        |
| SEX038    | Original    | 638125  | 8241482  | WGS 84/Z36S | Rock | 1.72        |
| SEX039    | Original    | 638225  | 8241482  | WGS 84/Z36S | Soil | 1.56        |
| SEX040    | Original    | 638325  | 8241482  | WGS 84/Z36S | Soil | 1.54        |
| SEX041    | Original    | 638425  | 8241482  | WGS 84/Z36S | Soil | 1.48        |
| SEX042    | Original    | 638525  | 8241482  | WGS 84/Z36S | Soil | 2           |
| SEX043    | Original    | 638625  | 8241482  | WGS 84/Z36S | Soil | 2.22        |
| SEX044    | Original    | 638725  | 8241482  | WGS 84/Z36S | Soil | 1.68        |
| SEX045    | Original    | 638825  | 8241482  | WGS 84/Z36S | Rock | 1.48        |
| SEX046    | Original    | 638925  | 8241482  | WGS 84/Z36S | Rock | 1.22        |
| SEX047    | Original    | 639025  | 8241482  | WGS 84/Z36S | Rock | 1.48        |
| SEX048    | Original    | 639125  | 8241482  | WGS 84/Z36S | Rock | 1.68        |
| SEX049    | Original    | 639225  | 8241482  | WGS 84/Z36S | Soil | 1.7         |
| SEX050    | Original    | 639325  | 8241482  | WGS 84/Z36S | Rock | 1.32        |
| SEX051    | Original    | 639425  | 8241482  | WGS 84/Z36S | Soil | 2.18        |
| SEX052    | Original    | 639525  | 8241482  | WGS 84/Z36S | Soil | 1.62        |
| SEX053    | Original    | 639625  | 8241482  | WGS 84/Z36S | Soil | 1.32        |
| SEX054    | Original    | 639725  | 8241482  | WGS 84/Z36S | Soil | 1.3         |
| SEX055    | Original    | 639825  | 8241482  | WGS 84/Z36S | Soil | 1.35        |
| SEX056    | Original    | 639925  | 8241482  | WGS 84/Z36S | Soil | 1.42        |
| SEX057    | Original    | 640025  | 8241482  | WGS 84/Z36S | Soil | 1.66        |
| SEX059    | Original    | 640125  | 8241482  | WGS 84/Z36S | Soil | 1.78        |
| SEX060    | Original    | 640225  | 8241482  | WGS 84/Z36S | Soil | 1.72        |
| SEX061    | Original    | 640325  | 8241482  | WGS 84/Z36S | Soil | 2.48        |
| SEX062    | Original    | 636925  | 8239829  | WGS 84/Z36S | Rock | 1.26        |
| SEX063    | Original    | 637035  | 8239829  | WGS 84/Z36S | Rock | 2.32        |
| SEX064    | Original    | 637125  | 8239829  | WGS 84/Z36S | Rock | 2.5         |
| SEX065    | Original    | 637225  | 8239829  | WGS 84/Z36S | Rock | 2.24        |
| SEX066    | Original    | 637268  | 8239829  | WGS 84/Z36S | Rock | 2.14        |
| SEX067    | Original    | 637225  | 8239729  | WGS 84/Z36S | Rock | 3.16        |
| SEX068    | Original    | 637325  | 8239729  | WGS 84/Z36S | Rock | 2.52        |
| SEX069    | Original    | 637325  | 8239629  | WGS 84/Z36S | Rock | 2.62        |
| SEX070    | Original    | 637225  | 8239629  | WGS 84/Z36S | Rock | 1.96        |
| SEX071    | Original    | 637125  | 8239629  | WGS 84/Z36S | Rock | 2.62        |
| SEX072    | Original    | 637125  | 8239729  | WGS 84/Z36S | Rock | 2.64        |

| SAMPLE ID | SAMPLE TYPE | EASTING | NORTHING | DATUM       | TYPE | WEIGHT (Kg) |
|-----------|-------------|---------|----------|-------------|------|-------------|
| SEX073    | Original    | 636625  | 8239629  | WGS 84/Z36S | Rock | 2.86        |
| SEX074    | Original    | 636625  | 8239529  | WGS 84/Z36S | Rock | 4.72        |
| SEX075    | Original    | 636725  | 8239529  | WGS 84/Z36S | Rock | 3.3         |
| SEX076    | Original    | 636725  | 8239629  | WGS 84/Z36S | Rock | 2.4         |
| SEX077    | Original    | 636825  | 8239629  | WGS 84/Z36S | Rock | 2.26        |
| SEX078    | Original    | 636925  | 8239629  | WGS 84/Z36S | Rock | 2.98        |
| SEX079    | Original    | 637025  | 8239629  | WGS 84/Z36S | Rock | 2.7         |
| SEX080    | Original    | 637025  | 8239529  | WGS 84/Z36S | Rock | 3.2         |
| SEX081    | Original    | 637925  | 8239529  | WGS 84/Z36S | Rock | 2.76        |
| SEX082    | Original    | 636825  | 8239529  | WGS 84/Z36S | Rock | 3.52        |
| SEX084    | Original    | 637125  | 8239529  | WGS 84/Z36S | Rock | 2.02        |
| SEX085    | Original    | 637225  | 8239529  | WGS 84/Z36S | Rock | 1.84        |
| SEX086    | Original    | 637325  | 8239529  | WGS 84/Z36S | Rock | 1.88        |
| SEX087    | Original    | 637425  | 8239529  | WGS 84/Z36S | Rock | 1.8         |
| SEX088    | Original    | 637525  | 8239529  | WGS 84/Z36S | Rock | 1.72        |
| SEX089    | Original    | 637625  | 8239529  | WGS 84/Z36S | Rock | 1.9         |
| SEX090    | Original    | 637725  | 8239529  | WGS 84/Z36S | Rock | 1.76        |
| SEX091    | Original    | 637825  | 8239529  | WGS 84/Z36S | Rock | 2.26        |
| SEX092    | Original    | 637925  | 8239529  | WGS 84/Z36S | Rock | 2.08        |
| SEX093    | Original    | 638025  | 8239529  | WGS 84/Z36S | Rock | 1.44        |
| SEX094    | Original    | 638125  | 8239529  | WGS 84/Z36S | Rock | 1.54        |
| SEX095    | Original    | 638225  | 8239529  | WGS 84/Z36S | Rock | 1.72        |
| SEX096    | Original    | 638325  | 8239529  | WGS 84/Z36S | Rock | 1.44        |
| SEX097    | Original    | 638425  | 8239529  | WGS 84/Z36S | Rock | 1.84        |
| SEX098    | Original    | 638525  | 8239529  | WGS 84/Z36S | Rock | 1.48        |
| SEX099    | Original    | 638625  | 8239529  | WGS 84/Z36S | Rock | 1.2         |
| SEX100    | Original    | 638725  | 8239529  | WGS 84/Z36S | Soil | 0.98        |
| SEX101    | Original    | 638825  | 8239529  | WGS 84/Z36S | Rock | 2.04        |
| SEX102    | Original    | 638925  | 8239529  | WGS 84/Z36S | Soil | 1.04        |
| SEX103    | Original    | 639025  | 8239529  | WGS 84/Z36S | Soil | 1.26        |
| SEX104    | Original    | 639125  | 8239529  | WGS 84/Z36S | Soil | 1.6         |
| SEX105    | Original    | 636625  | 8239729  | WGS 84/Z36S | Rock | 1.52        |
| SEX106    | Original    | 636625  | 8239729  | WGS 84/Z36S | Rock | 1           |
| SEX107    | Original    | 636625  | 8239729  | WGS 84/Z36S | Rock | 1.26        |
| SEX109    | Original    | 636625  | 8239729  | WGS 84/Z36S | Rock | 1.26        |
| SEX110    | Original    | 635023  | 8241287  | WGS 84/Z36S | Rock | 2.38        |
| SEX111    | Original    | 635023  | 8241387  | WGS 84/Z36S | Rock | 2.24        |
| SEX112    | Original    | 635023  | 8241487  | WGS 84/Z36S | Rock | 3.4         |
| SEX113    | Original    | 635023  | 8241587  | WGS 84/Z36S | Rock | 2.32        |
| SEX114    | Original    | 635023  | 8241687  | WGS 84/Z36S | Rock | 2.64        |
| SEX115    | Original    | 635023  | 8241787  | WGS 84/Z36S | Rock | 2.56        |
| SEX116    | Original    | 635023  | 8241887  | WGS 84/Z36S | Rock | 2.84        |
| SEX117    | Original    | 635023  | 8241987  | WGS 84/Z36S | Rock | 2.7         |
| SEX118    | Original    | 635023  | 8242087  | WGS 84/Z36S | Rock | 3.18        |
| SEX119    | Original    | 635023  | 8242187  | WGS 84/Z36S | Rock | 2.8         |
| SEX120    | Original    | 635023  | 8242287  | WGS 84/Z36S | Rock | 2.2         |
| SEX121    | Original    | 635023  | 8242387  | WGS 84/Z36S | Rock | 1.78        |
| SEX122    | Original    | 635023  | 8242487  | WGS 84/Z36S | Rock | 2.38        |
| SEX123    | Original    | 635023  | 8242587  | WGS 84/Z36S | Rock | 2.56        |
| SEX124    | Original    | 635023  | 8242687  | WGS 84/Z36S | Rock | 2.16        |
| SEX125    | Original    | 635023  | 8242787  | WGS 84/Z36S | Rock | 2.88        |
| SEX126    | Original    | 639625  | 8241382  | WGS 84/Z36S | Rock | 1.68        |
| SEX127    | Original    | 639725  | 8241382  | WGS 84/Z36S | Rock | 1.56        |
| SEX128    | Original    | 639825  | 8241382  | WGS 84/Z36S | Soil | 1.42        |
| SEX129    | Original    | 639925  | 8241382  | WGS 84/Z36S | Soil | 1.26        |
| SEX130    | Original    | 640025  | 8241382  | WGS 84/Z36S | Soil | 1.26        |
| SEX131    | Original    | 640125  | 8241382  | WGS 84/Z36S | Soil | 2.02        |
| SEX132    | Original    | 640225  | 8241382  | WGS 84/Z36S | Soil | 1.72        |
| SEX134    | Original    | 639625  | 8241282  | WGS 84/Z36S | Rock | 1.82        |
| SEX135    | Original    | 639725  | 8241282  | WGS 84/Z36S | Soil | 1.58        |
| SEX136    | Original    | 639825  | 8241282  | WGS 84/Z36S | Rock | 1.3         |
| SEX137    | Original    | 639925  | 8241282  | WGS 84/Z36S | Soil | 1.56        |
| SEX138    | Original    | 640025  | 8241282  | WGS 84/Z36S | Soil | 1.56        |
| SEX139    | Original    | 640125  | 8241282  | WGS 84/Z36S | Soil | 2.46        |
| SEX140    | Original    | 640225  | 8241282  | WGS 84/Z36S | Rock | 1.8         |
| SEX141    | Original    | 639625  | 8241182  | WGS 84/Z36S | Rock | 1.92        |
| SEX142    | Original    | 639725  | 8241182  | WGS 84/Z36S | Rock | 2           |
| SEX143    | Original    | 639825  | 8241182  | WGS 84/Z36S | Soil | 1.5         |
| SEX144    | Original    | 639925  | 8241182  | WGS 84/Z36S | Soil | 1.52        |
| SEX145    | Original    | 640025  | 8241182  | WGS 84/Z36S | Soil | 1.76        |
| SEX146    | Original    | 640125  | 8241182  | WGS 84/Z36S | Soil | 1.58        |
| SEX147    | Original    | 639629  | 8241082  | WGS 84/Z36S | Rock | 1.42        |

| SAMPLE ID | SAMPLE TYPE | EASTING | NORTHING | DATUM       | TYPE | WEIGHT (Kg) |
|-----------|-------------|---------|----------|-------------|------|-------------|
| SEX148    | Original    | 639729  | 8241082  | WGS 84/Z36S | Rock | 1.68        |
| SEX149    | Original    | 639829  | 8241082  | WGS 84/Z36S | Rock | 1.66        |
| SEX150    | Original    | 639929  | 8241082  | WGS 84/Z36S | Soil | 1.98        |
| SEX151    | Original    | 640029  | 8241082  | WGS 84/Z36S | Soil | 1.84        |
| SEX152    | Original    | 635125  | 8240982  | WGS 84/Z36S | Rock | 1.64        |
| SEX153    | Original    | 635225  | 8240982  | WGS 84/Z36S | Soil | 1.1         |
| SEX154    | Original    | 635325  | 8240982  | WGS 84/Z36S | Soil | 1.04        |
| SEX155    | Original    | 635425  | 8240982  | WGS 84/Z36S | Soil | 1.26        |
| SEX156    | Original    | 635525  | 8240982  | WGS 84/Z36S | Soil | 1.82        |
| SEX157    | Original    | 635625  | 8240982  | WGS 84/Z36S | Soil | 1.5         |
| SEX159    | Original    | 635725  | 8240982  | WGS 84/Z36S | Rock | 1.92        |
| SEX160    | Original    | 635825  | 8240982  | WGS 84/Z36S | Rock | 1.92        |
| SEX161    | Original    | 635925  | 8240982  | WGS 84/Z36S | Rock | 1.9         |
| SEX162    | Original    | 636025  | 8240982  | WGS 84/Z36S | Rock | 1.76        |
| SEX163    | Original    | 636125  | 8240982  | WGS 84/Z36S | Rock | 1.96        |
| SEX164    | Original    | 636225  | 8240982  | WGS 84/Z36S | Rock | 2.94        |
| SEX165    | Original    | 636325  | 8240982  | WGS 84/Z36S | Soil | 1.08        |
| SEX166    | Original    | 636425  | 8240982  | WGS 84/Z36S | Rock | 2.32        |
| SEX167    | Original    | 639825  | 8240982  | WGS 84/Z36S | Rock | 3.62        |
| SEX168    | Original    | 639925  | 8240982  | WGS 84/Z36S | Soil | 1.46        |
| SEX169    | Original    | 640025  | 8240982  | WGS 84/Z36S | Soil | 1.34        |
| SEX170    | Original    | 640125  | 8240982  | WGS 84/Z36S | Soil | 1.92        |
| SEX171    | Original    | 635425  | 8241582  | WGS 84/Z36S | Rock | 1.66        |
| SEX172    | Original    | 635525  | 8241582  | WGS 84/Z36S | Soil | 1.17        |
| SEX173    | Original    | 635625  | 8241582  | WGS 84/Z36S | Soil | 1.66        |
| SEX174    | Original    | 635725  | 8241582  | WGS 84/Z36S | Soil | 1.72        |
| SEX175    | Original    | 635825  | 8241582  | WGS 84/Z36S | Rock | 2.3         |
| SEX176    | Original    | 635925  | 8241582  | WGS 84/Z36S | Rock | 1.82        |
| SEX177    | Original    | 636025  | 8241582  | WGS 84/Z36S | Rock | 1.98        |
| SEX178    | Original    | 636125  | 8241582  | WGS 84/Z36S | Rock | 3.54        |
| SEX179    | Original    | 636225  | 8241582  | WGS 84/Z36S | Rock | 2.26        |
| SEX180    | Original    | 636325  | 8241582  | WGS 84/Z36S | Rock | 1.94        |
| SEX181    | Original    | 636425  | 8241582  | WGS 84/Z36S | Rock | 1.54        |
| SEX182    | Original    | 636525  | 8241582  | WGS 84/Z36S | Rock | 3.3         |
| SEX184    | Original    | 636625  | 8241582  | WGS 84/Z36S | Rock | 2.32        |
| SEX185    | Original    | 636725  | 8241582  | WGS 84/Z36S | Rock | 1.92        |
| SEX186    | Original    | 636825  | 8241582  | WGS 84/Z36S | Rock | 2.92        |
| SEX187    | Original    | 636925  | 8241582  | WGS 84/Z36S | Rock | 3.16        |
| SEX188    | Original    | 637025  | 8241582  | WGS 84/Z36S | Rock | 3.9         |
| SEX189    | Original    | 637125  | 8241582  | WGS 84/Z36S | Rock | 2.36        |
| SEX190    | Original    | 637225  | 8241582  | WGS 84/Z36S | Rock | 2.34        |
| SEX191    | Original    | 637225  | 8241582  | WGS 84/Z36S | Rock | 1.34        |
| SEX192    | Original    | 637325  | 8241582  | WGS 84/Z36S | Rock | 2.68        |
| SEX193    | Original    | 637425  | 8241582  | WGS 84/Z36S | Rock | 3           |
| SEX194    | Original    | 635525  | 8241682  | WGS 84/Z36S | Soil | 2.3         |
| SEX195    | Original    | 635625  | 8241682  | WGS 84/Z36S | Rock | 2.46        |
| SEX196    | Original    | 635725  | 8241682  | WGS 84/Z36S | Rock | 1.98        |
| SEX197    | Original    | 635825  | 8241682  | WGS 84/Z36S | Rock | 2.42        |
| SEX198    | Original    | 635925  | 8241682  | WGS 84/Z36S | Rock | 2.12        |
| SEX199    | Original    | 636025  | 8241682  | WGS 84/Z36S | Rock | 1.88        |
| SEX200    | Original    | 636125  | 8241682  | WGS 84/Z36S | Rock | 2.02        |
| SEX201    | Original    | 636225  | 8241682  | WGS 84/Z36S | Rock | 3.16        |
| SEX202    | Original    | 636325  | 8241682  | WGS 84/Z36S |      | 1.72        |
| SEX203    | Original    | 636425  | 8241682  | WGS 84/Z36S | Rock | 1.48        |
| SEX204    | Original    | 636525  | 8241682  | WGS 84/Z36S | Rock | 2           |
| SEX205    | Original    | 636625  | 8241682  | WGS 84/Z36S | Soil | 1.4         |
| SEX206    | Original    | 636725  | 8241682  | WGS 84/Z36S | Rock | 3.1         |
| SEX207    | Original    | 636825  | 8241682  | WGS 84/Z36S | Rock | 1.94        |
| SEX209    | Original    | 636925  | 8241682  | WGS 84/Z36S | Soil | 1.01        |
| SEX210    | Original    | 637025  | 8241682  | WGS 84/Z36S | Rock | 2.02        |
| SEX211    | Original    | 637125  | 8241682  | WGS 84/Z36S | Rock | 2.48        |
| SEX212    | Original    | 637225  | 8241682  | WGS 84/Z36S | Rock | 2.7         |
| SEX213    | Original    | 635625  | 8241782  | WGS 84/Z36S | Rock | 2.18        |
| SEX214    | Original    | 635725  | 8241782  | WGS 84/Z36S | Rock | 2.84        |
| SEX215    | Original    | 635825  | 8241782  | WGS 84/Z36S | Rock | 3.42        |
| SEX216    | Original    | 635925  | 8241782  | WGS 84/Z36S | Soil | 2.8         |
| SEX217    | Original    | 636025  | 8241782  | WGS 84/Z36S | Rock | 1.82        |
| SEX218    | Original    | 636125  | 8241782  | WGS 84/Z36S | Rock | 1.98        |
| SEX219    | Original    | 636225  | 8241782  | WGS 84/Z36S | Rock | 2.72        |
| SEX220    | Original    | 636325  | 8241782  | WGS 84/Z36S | Rock | 2.46        |
| SEX221    | Original    | 636425  | 8241782  | WGS 84/Z36S | Rock | 2.18        |
| SEX222    | Original    | 636525  | 8241782  | WGS 84/Z36S | Rock | 3.9         |

| SAMPLE ID | SAMPLE TYPE | EASTING | NORTHING | DATUM       | TYPE | WEIGHT (Kg) |
|-----------|-------------|---------|----------|-------------|------|-------------|
| SEX223    | Original    | 635524  | 8241787  | WGS 84/Z36S | Rock | 1.98        |
| SEX224    | Original    | 635524  | 8241887  | WGS 84/Z36S | Rock | 1.78        |
| SEX225    | Original    | 635524  | 8241987  | WGS 84/Z36S | Rock | 2.52        |
| SEX226    | Original    | 635524  | 8242087  | WGS 84/Z36S | Rock | 2.98        |
| SEX227    | Original    | 635524  | 8242187  | WGS 84/Z36S | Rock | 2.1         |
| SEX228    | Original    | 635524  | 8242287  | WGS 84/Z36S | Rock | 2.66        |
| SEX229    | Original    | 635524  | 8242387  | WGS 84/Z36S | Rock | 2.84        |
| SEX230    | Original    | 635524  | 8242487  | WGS 84/Z36S | Rock | 2.42        |
| SEX231    | Original    | 635524  | 8242587  | WGS 84/Z36S | Rock | 2.56        |
| SEX232    | Original    | 635524  | 8242687  | WGS 84/Z36S | Rock | 2.14        |
| SEX234    | Original    | 635524  | 8242787  | WGS 84/Z36S | Rock | 1.66        |
| SEX235    | Original    | 635524  | 8242887  | WGS 84/Z36S | Rock | 2.28        |
| SEX236    | Original    | 635524  | 8242987  | WGS 84/Z36S | Rock | 2.9         |
| SEX237    | Original    | 635524  | 8243087  | WGS 84/Z36S | Rock | 1.52        |
| SEX238    | Original    | 635524  | 8243187  | WGS 84/Z36S | Rock | 2.04        |
| SEX239    | Original    | 635524  | 8243287  | WGS 84/Z36S | Rock | 2.44        |
| SEX240    | Original    | 635524  | 8243387  | WGS 84/Z36S | Rock | 2.04        |
| SEX241    | Original    | 635524  | 8243487  | WGS 84/Z36S | Rock | 3.64        |
| SEX242    | Original    | 635524  | 8243587  | WGS 84/Z36S | Rock | 2.44        |
| SEX243    | Original    | 635524  | 8243687  | WGS 84/Z36S | Rock | 3.88        |
| SEX244    | Original    | 635524  | 8243787  | WGS 84/Z36S | Rock | 2.8         |
| SEX245    | Original    | 635524  | 8243887  | WGS 84/Z36S | Soil | 2.34        |
| SEX246    | Original    | 635524  | 8243987  | WGS 84/Z36S | Soil | 3           |
| SEX247    | Original    | 636525  | 8240982  | WGS 84/Z36S | Rock | 1.84        |
| SEX248    | Original    | 636625  | 8240982  | WGS 84/Z36S | Rock | 1.72        |
| SEX249    | Original    | 636725  | 8240982  | WGS 84/Z36S | Rock | 1.94        |
| SEX250    | Original    | 636825  | 8240982  | WGS 84/Z36S | Rock | 2           |
| SEX251    | Original    | 636925  | 8240982  | WGS 84/Z36S | Rock | 2.16        |
| SEX252    | Original    | 637025  | 8240982  | WGS 84/Z36S | Rock | 1.9         |
| SEX253    | Original    | 637125  | 8240982  | WGS 84/Z36S | Rock | 2.12        |
| SEX254    | Original    | 637225  | 8240982  | WGS 84/Z36S | Rock | 1.84        |
| SEX255    | Original    | 637325  | 8240982  | WGS 84/Z36S | Rock | 1.98        |
| SEX256    | Original    | 637425  | 8240982  | WGS 84/Z36S | Rock | 2.86        |
| SEX257    | Original    | 637525  | 8240982  | WGS 84/Z36S | Rock | 2.84        |
| SEX259    | Original    | 637625  | 8240982  | WGS 84/Z36S | Rock | 1.98        |
| SEX260    | Original    | 637725  | 8240982  | WGS 84/Z36S | Rock | 2.26        |
| SEX261    | Original    | 637825  | 8240982  | WGS 84/Z36S | Rock | 2.44        |
| SEX262    | Original    | 637925  | 8240982  | WGS 84/Z36S | Rock | 1.82        |
| SEX263    | Original    | 638025  | 8240982  | WGS 84/Z36S | Rock | 2.8         |
| SEX264    | Original    | 638125  | 8240982  | WGS 84/Z36S | Rock | 2.56        |
| SEX265    | Original    | 638225  | 8240982  | WGS 84/Z36S | Rock | 2.18        |
| SEX266    | Original    | 638325  | 8240982  | WGS 84/Z36S | Soil | 1.72        |
| SEX267    | Original    | 638425  | 8240982  | WGS 84/Z36S | Soil | 1.58        |
| SEX268    | Original    | 638525  | 8240982  | WGS 84/Z36S | Soil | 1.62        |
| SEX269    | Original    | 638625  | 8240982  | WGS 84/Z36S | Soil | 2.54        |
| SEX270    | Original    | 638725  | 8240982  | WGS 84/Z36S | Rock | 2.16        |
| SEX271    | Original    | 638825  | 8240982  | WGS 84/Z36S | Rock | 3.94        |
| SEX272    | Original    | 638925  | 8240982  | WGS 84/Z36S | Rock | 3.68        |
| SEX273    | Original    | 639025  | 8240982  | WGS 84/Z36S | Rock | 4.02        |
| SEX274    | Original    | 639125  | 8240982  | WGS 84/Z36S | Rock | 2.42        |
| SEX275    | Original    | 639225  | 8240982  | WGS 84/Z36S | Rock | 3.5         |
| SEX276    | Original    | 639325  | 8240982  | WGS 84/Z36S | Rock | 3.12        |
| SEX277    | Original    | 639425  | 8240982  | WGS 84/Z36S | Rock | 2.92        |
| SEX278    | Original    | 639525  | 8240982  | WGS 84/Z36S | Rock | 2.52        |
| SEX279    | Original    | 639625  | 8240982  | WGS 84/Z36S | Rock | 2.22        |
| SEX280    | Original    | 639725  | 8240982  | WGS 84/Z36S | Rock | 2.46        |
| SEX281    | Original    | 636623  | 8242487  | WGS 84/Z36S | Rock | 3.84        |
| SEX282    | Original    | 636723  | 8242487  | WGS 84/Z36S | Rock | 3.52        |
| SEX284    | Original    | 636823  | 8242487  | WGS 84/Z36S | Rock | 4.7         |
| SEX285    | Original    | 636923  | 8242487  | WGS 84/Z36S | Rock | 3.74        |
| SEX286    | Original    | 637023  | 8242487  | WGS 84/Z36S | Rock | 2.34        |
| SEX287    | Original    | 637123  | 8242487  | WGS 84/Z36S | Soil | 3.44        |
| SEX288    | Original    | 637223  | 8242487  | WGS 84/Z36S | Soil | 2.46        |
| SEX289    | Original    | 637323  | 8242487  | WGS 84/Z36S | Soil | 2.82        |
| SEX290    | Original    | 637423  | 8242487  | WGS 84/Z36S | Rock | 4.04        |
| SEX291    | Original    | 637523  | 8242487  | WGS 84/Z36S | Rock | 3.64        |
| SEX292    | Original    | 637623  | 8242487  | WGS 84/Z36S | Rock | 4.08        |
| SEX293    | Original    | 637723  | 8242487  | WGS 84/Z36S | Soil | 4.02        |
| SEX294    | Original    | 637823  | 8242487  | WGS 84/Z36S | Soil | 2.56        |
| SEX295    | Original    | 637923  | 8242487  | WGS 84/Z36S | Soil | 3.1         |
| SEX296    | Original    | 638023  | 8242487  | WGS 84/Z36S | Rock | 2.58        |
| SEX297    | Original    | 638123  | 8242487  | WGS 84/Z36S | Soil | 3.1         |

| SAMPLE ID | SAMPLE TYPE | EASTING | NORTHING | DATUM       | TYPE | WEIGHT (Kg) |
|-----------|-------------|---------|----------|-------------|------|-------------|
| SEX298    | Original    | 638223  | 8242487  | WGS 84/Z36S | Rock | 3.48        |
| SEX299    | Original    | 638323  | 8242487  | WGS 84/Z36S | Soil | 4.18        |
| SEX300    | Original    | 638423  | 8242487  | WGS 84/Z36S | Soil | 2.5         |
| SEX301    | Original    | 638523  | 8242487  | WGS 84/Z36S | Soil | 3.56        |
| SEX302    | Original    | 638623  | 8242487  | WGS 84/Z36S | Soil | 3.4         |
| SEX303    | Original    | 638723  | 8242487  | WGS 84/Z36S | Soil | 2.84        |
| SEX304    | Original    | 638823  | 8242487  | WGS 84/Z36S | Soil | 3.24        |
| SEX305    | Original    | 638923  | 8242487  | WGS 84/Z36S | Soil | 2.82        |
| SEX306    | Original    | 639023  | 8242487  | WGS 84/Z36S | Soil | 2.7         |
| SEX307    | Original    | 639123  | 8242487  | WGS 84/Z36S | Rock | 2.3         |
| SEX308    | Original    | 639223  | 8242487  | WGS 84/Z36S | Soil | 2.74        |
| SEX310    | Original    | 639323  | 8242487  | WGS 84/Z36S | Soil | 3.86        |
| SEX311    | Original    | 639423  | 8242487  | WGS 84/Z36S | Rock | 3.68        |
| SEX312    | Original    | 639523  | 8242487  | WGS 84/Z36S | Soil | 2.56        |
| SEX313    | Original    | 639623  | 8242487  | WGS 84/Z36S | Rock | 3.7         |
| SEX314    | Original    | 639723  | 8242487  | WGS 84/Z36S | Rock | 4.24        |
| SEX315    | Original    | 639823  | 8242487  | WGS 84/Z36S | Soil | 3.1         |
| SEX316    | Original    | 639923  | 8242487  | WGS 84/Z36S | Soil | 2.58        |
| SEX317    | Original    | 640023  | 8242487  | WGS 84/Z36S | Soil | 3.1         |
| SEX318    | Original    | 637025  | 8240682  | WGS 84/Z36S | Rock | 3.32        |
| SEX319    | Original    | 637125  | 8240682  | WGS 84/Z36S | Rock | 3.28        |
| SEX320    | Original    | 637225  | 8240682  | WGS 84/Z36S | Rock | 3.08        |
| SEX321    | Original    | 637325  | 8240682  | WGS 84/Z36S | Rock | 3.7         |
| SEX322    | Original    | 637425  | 8240682  | WGS 84/Z36S | Rock | 3.38        |
| SEX323    | Original    | 637525  | 8240682  | WGS 84/Z36S | Rock | 2.44        |
| SEX324    | Original    | 637025  | 8240582  | WGS 84/Z36S | Rock | 3.06        |
| SEX325    | Original    | 637125  | 8240582  | WGS 84/Z36S | Rock | 2.32        |
| SEX326    | Original    | 637225  | 8240582  | WGS 84/Z36S | Rock | 2.26        |
| SEX327    | Original    | 637325  | 8240582  | WGS 84/Z36S | Rock | 3           |
| SEX328    | Original    | 637425  | 8240582  | WGS 84/Z36S | Rock | 2.62        |
| SEX329    | Original    | 637525  | 8240582  | WGS 84/Z36S | Rock | 2.54        |
| SEX330    | Original    | 636825  | 8240782  | WGS 84/Z36S | Rock | 4.02        |
| SEX331    | Original    | 636925  | 8240782  | WGS 84/Z36S | Rock | 2.96        |
| SEX332    | Original    | 637025  | 8240782  | WGS 84/Z36S | Rock | 3.42        |
| SEX333    | Original    | 637125  | 8240782  | WGS 84/Z36S | Rock | 3.08        |
| SEX335    | Original    | 637225  | 8240782  | WGS 84/Z36S | Rock | 2.56        |
| SEX336    | Original    | 637325  | 8240782  | WGS 84/Z36S | Rock | 3.66        |
| SEX337    | Original    | 637425  | 8240782  | WGS 84/Z36S | Rock | 3.1         |
| SEX338    | Original    | 637525  | 8240782  | WGS 84/Z36S | Soil | 2.9         |
| SEX339    | Original    | 636925  | 8240882  | WGS 84/Z36S | Rock | 3.34        |
| SEX340    | Original    | 637025  | 8240882  | WGS 84/Z36S | Rock | 3.4         |
| SEX341    | Original    | 637125  | 8240882  | WGS 84/Z36S | Rock | 4.02        |
| SEX342    | Original    | 637225  | 8240882  | WGS 84/Z36S | Rock | 3.02        |
| SEX343    | Original    | 637325  | 8240882  | WGS 84/Z36S | Rock | 2.2         |
| SEX344    | Original    | 637425  | 8240882  | WGS 84/Z36S | Rock | 4.32        |
| SEX345    | Original    | 637525  | 8240882  | WGS 84/Z36S | Rock | 3.62        |
| SEX346    | Original    | 635125  | 8240482  | WGS 84/Z36S | Soil | 1.88        |
| SEX347    | Original    | 635225  | 8240482  | WGS 84/Z36S | Rock | 1.82        |
| SEX348    | Original    | 635325  | 8240482  | WGS 84/Z36S | Rock | 2.34        |
| SEX349    | Original    | 635425  | 8240482  | WGS 84/Z36S | Rock | 2.02        |
| SEX350    | Original    | 635525  | 8240482  | WGS 84/Z36S | Rock | 2.16        |
| SEX351    | Original    | 635625  | 8240482  | WGS 84/Z36S | Rock | 1.92        |
| SEX352    | Original    | 635725  | 8240482  | WGS 84/Z36S | Rock | 4           |
| SEX353    | Original    | 635825  | 8240482  | WGS 84/Z36S | Rock | 3.66        |
| SEX354    | Original    | 635925  | 8240482  | WGS 84/Z36S | Rock | 2.62        |
| SEX355    | Original    | 636025  | 8240482  | WGS 84/Z36S | Rock | 2.22        |
| SEX356    | Original    | 636125  | 8240482  | WGS 84/Z36S | Rock | 2.64        |
| SEX357    | Original    | 636225  | 8240482  | WGS 84/Z36S | Rock | 3.32        |
| SEX358    | Original    | 636325  | 8240482  | WGS 84/Z36S | Rock | 2.22        |
| SEX360    | Original    | 636425  | 8240482  | WGS 84/Z36S | Rock | 3.26        |
| SEX361    | Original    | 636525  | 8240482  | WGS 84/Z36S | Rock | 2.34        |
| SEX362    | Original    | 636625  | 8240482  | WGS 84/Z36S | Rock | 3.76        |
| SEX363    | Original    | 636725  | 8240482  | WGS 84/Z36S | Soil | 3.66        |
| SEX364    | Original    | 636825  | 8240482  | WGS 84/Z36S | Rock | 3.52        |
| SEX365    | Original    | 636925  | 8240482  | WGS 84/Z36S | Rock | 3.68        |
| SEX366    | Original    | 637025  | 8240482  | WGS 84/Z36S | Rock | 3.1         |
| SEX367    | Original    | 637125  | 8240482  | WGS 84/Z36S | Rock | 3.38        |
| SEX368    | Original    | 637225  | 8240482  | WGS 84/Z36S | Rock | 2.72        |
| SEX369    | Original    | 637325  | 8240482  | WGS 84/Z36S | Rock | 5.3         |
| SEX370    | Original    | 637425  | 8240482  | WGS 84/Z36S | Rock | 5.06        |
| SEX371    | Original    | 637525  | 8240482  | WGS 84/Z36S | Rock | 3.92        |
| SEX372    | Original    | 637625  | 8240482  | WGS 84/Z36S | Rock | 3.8         |

| SAMPLE ID | SAMPLE TYPE | EASTING | NORTHING | DATUM       | TYPE | WEIGHT (Kg) |
|-----------|-------------|---------|----------|-------------|------|-------------|
| SEX373    | Original    | 637725  | 8240482  | WGS 84/Z36S | Rock | 3           |
| SEX374    | Original    | 637825  | 8240482  | WGS 84/Z36S | Rock | 3.24        |
| SEX375    | Original    | 637925  | 8240482  | WGS 84/Z36S | Rock | 4.18        |
| SEX376    | Original    | 638025  | 8240482  | WGS 84/Z36S | Rock | 2.78        |
| SEX377    | Original    | 638125  | 8240482  | WGS 84/Z36S | Rock | 3.62        |
| SEX378    | Original    | 638225  | 8240482  | WGS 84/Z36S | Soil | 4.08        |
| SEX379    | Original    | 638325  | 8240482  | WGS 84/Z36S | Rock | 3.44        |
| SEX380    | Original    | 638425  | 8240482  | WGS 84/Z36S | Rock | 2.64        |
| SEX381    | Original    | 638525  | 8240482  | WGS 84/Z36S | Rock | 3.04        |
| SEX382    | Original    | 638625  | 8240482  | WGS 84/Z36S | Rock | 4.18        |
| SEX383    | Original    | 638725  | 8240482  | WGS 84/Z36S | Rock | 3.46        |
| SEX385    | Original    | 638825  | 8240482  | WGS 84/Z36S | Rock | 3.4         |
| SEX386    | Original    | 638925  | 8240482  | WGS 84/Z36S | Rock | 2.72        |
| SEX387    | Original    | 639025  | 8240482  | WGS 84/Z36S | Soil | 2.88        |
| SEX388    | Original    | 639125  | 8240482  | WGS 84/Z36S | Soil | 2.46        |
| SEX389    | Original    | 639225  | 8240482  | WGS 84/Z36S | Soil | 3.16        |
| SEX390    | Original    | 639325  | 8240482  | WGS 84/Z36S | Soil | 2.7         |
| SEX391    | Original    | 639425  | 8240482  | WGS 84/Z36S | Soil | 4.06        |
| SEX392    | Original    | 639525  | 8240482  | WGS 84/Z36S | Soil | 3.78        |
| SEX393    | Original    | 639625  | 8240482  | WGS 84/Z36S | Soil | 3.72        |
| SEX394    | Original    | 637423  | 8239987  | WGS 84/Z36S | Rock | 5.06        |
| SEX395    | Original    | 637523  | 8239987  | WGS 84/Z36S | Rock | 2.74        |
| SEX396    | Original    | 637623  | 8239987  | WGS 84/Z36S | Rock | 3.08        |
| SEX397    | Original    | 637723  | 8239987  | WGS 84/Z36S | Rock | 3.8         |
| SEX398    | Original    | 637823  | 8239987  | WGS 84/Z36S | Rock | 2.96        |
| SEX399    | Original    | 637923  | 8239987  | WGS 84/Z36S | Rock | 2.64        |
| SEX400    | Original    | 638023  | 8239987  | WGS 84/Z36S | Rock | 3.1         |
| SEX401    | Original    | 638123  | 8239987  | WGS 84/Z36S | Rock | 3.52        |
| SEX402    | Original    | 638223  | 8239987  | WGS 84/Z36S | Rock | 4.5         |
| SEX403    | Original    | 638323  | 8239987  | WGS 84/Z36S | Rock | 4.12        |
| SEX404    | Original    | 638423  | 8239987  | WGS 84/Z36S | Rock | 2.58        |
| SEX405    | Original    | 638523  | 8239987  | WGS 84/Z36S | Soil | 4.36        |
| SEX406    | Original    | 638623  | 8239987  | WGS 84/Z36S | Soil | 2.84        |
| SEX407    | Original    | 638723  | 8239987  | WGS 84/Z36S | Soil | 2.62        |
| SEX408    | Original    | 638823  | 8239987  | WGS 84/Z36S | Rock | 3.66        |
| SEX410    | Original    | 638923  | 8239987  | WGS 84/Z36S | Rock | 3.54        |
| SEX411    | Original    | 639023  | 8239987  | WGS 84/Z36S | Soil | 3.48        |
| SEX412    | Original    | 639123  | 8239987  | WGS 84/Z36S | Soil | 2.74        |
| SEX413    | Original    | 639223  | 8239987  | WGS 84/Z36S | Soil | 2.78        |
| SEX414    | Original    | 639323  | 8239987  | WGS 84/Z36S | Soil | 2.42        |
| SEX415    | Original    | 639423  | 8239987  | WGS 84/Z36S | Soil | 3.14        |
| SEX416    | Original    | 639523  | 8239987  | WGS 84/Z36S | Rock | 3.68        |
| SEX417    | Original    | 639623  | 8239987  | WGS 84/Z36S | Soil | 4.14        |
| SEX418    | Original    | 636825  | 8241380  | WGS 84/Z36S | Rock | 3.22        |
| SEX419    | Original    | 636925  | 8241380  | WGS 84/Z36S | Rock | 2.52        |
| SEX420    | Original    | 637025  | 8241380  | WGS 84/Z36S | Rock | 1.92        |
| SEX421    | Original    | 637125  | 8241380  | WGS 84/Z36S | Rock | 2.44        |
| SEX422    | Original    | 637225  | 8241380  | WGS 84/Z36S | Rock | 2.54        |
| SEX423    | Original    | 637325  | 8241380  | WGS 84/Z36S | Rock | 2.86        |
| SEX424    | Original    | 637425  | 8241380  | WGS 84/Z36S | Rock | 2.76        |
| SEX425    | Original    | 636325  | 8241080  | WGS 84/Z36S | Rock | 2.36        |
| SEX426    | Original    | 636425  | 8241080  | WGS 84/Z36S | Rock | 2.76        |
| SEX427    | Original    | 636525  | 8241080  | WGS 84/Z36S | Rock | 2.2         |
| SEX428    | Original    | 636625  | 8241080  | WGS 84/Z36S | Rock | 1.72        |
| SEX429    | Original    | 636725  | 8241080  | WGS 84/Z36S | Rock | 2.32        |
| SEX430    | Original    | 636825  | 8241080  | WGS 84/Z36S | Rock | 1.58        |
| SEX431    | Original    | 636925  | 8241080  | WGS 84/Z36S | Rock | 3.4         |
| SEX432    | Original    | 637025  | 8241080  | WGS 84/Z36S | Rock | 3.58        |
| SEX433    | Original    | 637125  | 8241080  | WGS 84/Z36S | Rock | 2.5         |
| SEX435    | Original    | 637225  | 8241080  | WGS 84/Z36S | Rock | 2.92        |
| SEX436    | Original    | 637325  | 8241080  | WGS 84/Z36S | Rock | 3.88        |
| SEX437    | Original    | 637425  | 8241080  | WGS 84/Z36S | Rock | 2.58        |
| SEX438    | Original    | 637525  | 8241080  | WGS 84/Z36S | Rock | 2.52        |
| SEX439    | Original    | 636524  | 8241887  | WGS 84/Z36S | Rock | 1.98        |
| SEX440    | Original    | 636524  | 8241987  | WGS 84/Z36S | Rock | 2.9         |
| SEX441    | Original    | 636524  | 8242087  | WGS 84/Z36S | Rock | 2.18        |
| SEX442    | Original    | 636524  | 8242187  | WGS 84/Z36S | Rock | 2.58        |
| SEX443    | Original    | 636524  | 8242287  | WGS 84/Z36S | Rock | 3.06        |
| SEX444    | Original    | 636524  | 8242387  | WGS 84/Z36S | Rock | 2.66        |
| SEX445    | Original    | 636524  | 8242487  | WGS 84/Z36S | Rock | 2.76        |
| SEX446    | Original    | 636524  | 8242587  | WGS 84/Z36S | Rock | 2.86        |
| SEX447    | Original    | 636524  | 8242687  | WGS 84/Z36S | Rock | 4.86        |

| SAMPLE ID | SAMPLE TYPE | EASTING | NORTHING | DATUM       | TYPE | WEIGHT (Kg) |
|-----------|-------------|---------|----------|-------------|------|-------------|
| SEX448    | Original    | 636524  | 8242787  | WGS 84/Z36S | Soil | 3.18        |
| SEX449    | Original    | 636524  | 8242887  | WGS 84/Z36S | Soil | 2.68        |
| SEX450    | Original    | 636524  | 8242987  | WGS 84/Z36S | Soil | 2.58        |
| SEX451    | Original    | 636524  | 8243087  | WGS 84/Z36S | Rock | 4.98        |
| SEX452    | Original    | 636524  | 8243187  | WGS 84/Z36S | Rock | 3.18        |
| SEX453    | Original    | 636524  | 8243287  | WGS 84/Z36S | Rock | 4.7         |
| SEX454    | Original    | 636524  | 8243387  | WGS 84/Z36S | Soil | 1.74        |
| SEX455    | Original    | 636524  | 8243487  | WGS 84/Z36S | Rock | 1.88        |
| SEX456    | Original    | 636524  | 8243587  | WGS 84/Z36S | Rock | 3.56        |
| SEX457    | Original    | 636524  | 8243687  | WGS 84/Z36S | Soil | 2.34        |
| SEX458    | Original    | 636725  | 8241280  | WGS 84/Z36S | Rock | 2.12        |
| SEX460    | Original    | 636825  | 8241280  | WGS 84/Z36S | Rock | 2.8         |
| SEX461    | Original    | 636925  | 8241280  | WGS 84/Z36S | Rock | 3.4         |
| SEX462    | Original    | 637025  | 8241280  | WGS 84/Z36S | Rock | 3.26        |
| SEX463    | Original    | 637125  | 8241280  | WGS 84/Z36S | Rock | 3           |
| SEX464    | Original    | 637225  | 8241280  | WGS 84/Z36S | Rock | 3.76        |
| SEX465    | Original    | 637325  | 8241280  | WGS 84/Z36S | Rock | 3.2         |
| SEX466    | Original    | 637425  | 8241280  | WGS 84/Z36S | Rock | 3.12        |
| SEX467    | Original    | 636625  | 8241180  | WGS 84/Z36S | Rock | 3.04        |
| SEX468    | Original    | 636725  | 8241180  | WGS 84/Z36S | Rock | 1.76        |
| SEX469    | Original    | 636825  | 8241180  | WGS 84/Z36S | Rock | 1.96        |
| SEX470    | Original    | 636925  | 8241180  | WGS 84/Z36S | Rock | 2.72        |
| SEX471    | Original    | 637025  | 8241182  | WGS 84/Z36S | Rock | 2.56        |
| SEX472    | Original    | 637125  | 8241182  | WGS 84/Z36S | Rock | 3.88        |
| SEX473    | Original    | 637225  | 8241182  | WGS 84/Z36S | Rock | 2.38        |
| SEX474    | Original    | 637325  | 8241182  | WGS 84/Z36S | Rock | 2.46        |
| SEX475    | Original    | 637425  | 8241182  | WGS 84/Z36S | Rock | 4.44        |
| SEX476    | Original    | 637525  | 8241182  | WGS 84/Z36S | Rock | 3.36        |
| SEX477    | Original    | 636623  | 8241987  | WGS 84/Z36S | Rock | 3.18        |
| SEX478    | Original    | 636723  | 8241987  | WGS 84/Z36S | Rock | 3.52        |
| SEX479    | Original    | 636823  | 8241987  | WGS 84/Z36S | Rock | 3.82        |
| SEX480    | Original    | 636923  | 8241987  | WGS 84/Z36S | Rock | 3.58        |
| SEX481    | Original    | 637023  | 8241987  | WGS 84/Z36S | Rock | 2.5         |
| SEX482    | Original    | 637123  | 8241987  | WGS 84/Z36S | Rock | 3.78        |
| SEX483    | Original    | 637223  | 8241987  | WGS 84/Z36S | Rock | 2.94        |
| SEX485    | Original    | 637323  | 8241987  | WGS 84/Z36S | Rock | 3.22        |
| SEX486    | Original    | 637423  | 8241987  | WGS 84/Z36S | Rock | 3.28        |
| SEX487    | Original    | 637523  | 8241987  | WGS 84/Z36S | Rock | 4.4         |
| SEX488    | Original    | 637623  | 8241987  | WGS 84/Z36S | Rock | 4.5         |
| SEX489    | Original    | 637723  | 8241987  | WGS 84/Z36S | Rock | 3.94        |
| SEX490    | Original    | 637823  | 8241987  | WGS 84/Z36S | Rock | 3.26        |
| SEX491    | Original    | 637923  | 8241987  | WGS 84/Z36S | Rock | 3.24        |
| SEX492    | Original    | 638023  | 8241987  | WGS 84/Z36S | Soil | 3.96        |
| SEX493    | Original    | 638123  | 8241987  | WGS 84/Z36S | Soil | 2.96        |
| SEX494    | Original    | 638223  | 8241987  | WGS 84/Z36S | Rock | 3.86        |
| SEX495    | Original    | 638323  | 8241987  | WGS 84/Z36S | Soil | 3.22        |
| SEX496    | Original    | 638423  | 8241987  | WGS 84/Z36S | Soil | 3.98        |
| SEX497    | Original    | 638523  | 8241987  | WGS 84/Z36S | Rock | 3           |
| SEX498    | Original    | 638623  | 8241987  | WGS 84/Z36S | Soil | 3.42        |
| SEX499    | Original    | 638723  | 8241987  | WGS 84/Z36S | Rock | 3.68        |
| SEX500    | Original    | 638823  | 8241987  | WGS 84/Z36S | Rock | 3.58        |
| SEX501    | Original    | 638923  | 8241987  | WGS 84/Z36S | Soil | 2.7         |
| SEX502    | Original    | 639023  | 8241987  | WGS 84/Z36S | Soil | 3.4         |
| SEX503    | Original    | 639123  | 8241987  | WGS 84/Z36S | Soil | 2.88        |
| SEX504    | Original    | 639223  | 8241987  | WGS 84/Z36S | Rock | 5.3         |
| SEX505    | Original    | 639323  | 8241987  | WGS 84/Z36S | Soil | 2.68        |
| SEX506    | Original    | 639423  | 8241987  | WGS 84/Z36S | Soil | 3.64        |
| SEX507    | Original    | 639523  | 8241987  | WGS 84/Z36S | Rock | 3.78        |
| SEX508    | Original    | 639623  | 8241987  | WGS 84/Z36S | Soil | 3.8         |
| SEX510    | Original    | 639723  | 8241987  | WGS 84/Z36S | Rock | 2.82        |
| SEX511    | Original    | 639823  | 8241987  | WGS 84/Z36S | Soil | 2.78        |
| SEX512    | Original    | 639923  | 8241987  | WGS 84/Z36S | Soil | 3.3         |
| SEX513    | Original    | 640023  | 8241987  | WGS 84/Z36S | Soil | 3.2         |
| SEX514    | Original    | 640123  | 8241987  | WGS 84/Z36S | Rock | 3.46        |
| SEX515    | Original    | 640223  | 8241987  | WGS 84/Z36S | Soil | 4           |
| SEX516    | Original    | 640323  | 8241987  | WGS 84/Z36S | Rock | 3.56        |
| SEX517    | Original    | 640423  | 8241987  | WGS 84/Z36S | Rock | 3.7         |
| SEX518    | Original    | 640523  | 8241987  | WGS 84/Z36S | Rock | 4.2         |
| SEX519    | Original    | 636023  | 8241887  | WGS 84/Z36S | Rock | 4.9         |
| SEX520    | Original    | 636023  | 8241987  | WGS 84/Z36S | Rock | 3.1         |
| SEX521    | Original    | 636023  | 8242087  | WGS 84/Z36S | Rock | 2.82        |
| SEX522    | Original    | 636023  | 8242187  | WGS 84/Z36S | Rock | 4.2         |

| SAMPLE ID | SAMPLE TYPE | EASTING | NORTHING | DATUM       | TYPE | WEIGHT (Kg) |
|-----------|-------------|---------|----------|-------------|------|-------------|
| SEX523    | Original    | 636023  | 8242287  | WGS 84/Z36S | Rock | 3           |
| SEX524    | Original    | 636023  | 8242387  | WGS 84/Z36S | Rock | 3.62        |
| SEX525    | Original    | 636023  | 8242487  | WGS 84/Z36S | Rock | 3.1         |
| SEX526    | Original    | 636023  | 8242587  | WGS 84/Z36S | Rock | 3.86        |
| SEX527    | Original    | 636023  | 8242687  | WGS 84/Z36S | Rock | 3.7         |
| SEX528    | Original    | 636023  | 8242787  | WGS 84/Z36S | Rock | 4.7         |
| SEX529    | Original    | 636023  | 8242887  | WGS 84/Z36S | Rock | 3.26        |
| SEX530    | Original    | 636023  | 8242987  | WGS 84/Z36S | Rock | 3.66        |
| SEX531    | Original    | 636023  | 8243087  | WGS 84/Z36S | Rock | 3.02        |
| SEX532    | Original    | 639225  | 8239530  | WGS 84/Z36S | Soil | 4.8         |

**Table 2 – Sample Assay Results >75% for TREO & Nb<sub>2</sub>O<sub>5</sub> (all results in ppm)**

| SAMPLE ID | EAST   | NORTH   | TYPE | Ce  | Dy    | Er    | Eu    | Gd    | Ho   | La   | Lu    | Nb  | Nd   | Pr    | Sm   | Ta   | Tb   | Tm   | Y    | Yb   | TREO    | MREO   | ND <sub>2</sub> O <sub>3</sub> +Pr <sub>6</sub> O <sub>11</sub> | NdPr% | HREO   | NB <sub>2</sub> O <sub>5</sub> | Ta <sub>2</sub> O <sub>5</sub> |
|-----------|--------|---------|------|-----|-------|-------|-------|-------|------|------|-------|-----|------|-------|------|------|------|------|------|------|---------|--------|---|-------|--------|--------------------------------|--------------------------------|
| SEX028    | 637225 | 8241482 | Soil | 242 | 9.07  | 5.09  | 2.51  | 11.59 | 1.69 | 110  | 0.92  | 173 | 72.1 | 20.38 | 10.7 | 10.9 | 1.77 | 0.79 | 35.6 | 5.1  | 636.89  | 121.21 | 108.72  | 17.07 | 73.21  | 247.48                         | 13.31                          |
| SEX209    | 636925 | 8241682 | Soil | 205 | 7.35  | 4.6   | 2.28  | 8.67  | 1.54 | 106  | 0.8   | 176 | 73.5 | 17.57 | 11   | 8.9  | 1.58 | 0.7  | 39.6 | 4.4  | 582.81  | 117.25 | 106.96  | 18.35 | 74.33  | 251.77                         | 10.87                          |
| SEX312    | 639523 | 8242487 | Soil | 176 | 8.01  | 4.72  | 8.62  | 10.35 | 1.72 | 82.3 | 0.84  | 180 | 70.8 | 18.35 | 12.6 | 11.9 | 1.54 | 0.67 | 43.3 | 3.5  | 533.06  | 115.76 | 104.75  | 19.65 | 79.06  | 257.49                         | 14.53                          |
| SEX172    | 635525 | 8241582 | Soil | 175 | 5.87  | 3.99  | 1.35  | 7.18  | 1.23 | 95   | 0.93  | 190 | 51.2 | 15.53 | 7.8  | 13.2 | 1.15 | 0.66 | 30.9 | 4.6  | 484.10  | 86.57  | 78.48   | 16.21 | 60.35  | 271.80                         | 16.12                          |
| SEX054    | 639725 | 8241482 | Soil | 143 | 7.52  | 3.27  | 10.45 | 10.62 | 1.2  | 59.4 | 0.82  | 193 | 60.1 | 14.64 | 10.5 | 10   | 1.53 | 0.47 | 26.9 | 3.4  | 424.68  | 98.22  | 87.79   | 20.67 | 55.05  | 276.09                         | 12.21                          |
| SEX266    | 638325 | 8240982 | Soil | 274 | 6.87  | 4.33  | 2.99  | 9.59  | 1.38 | 88.9 | 0.8   | 194 | 59.2 | 17.03 | 9.4  | 11.4 | 1.18 | 0.66 | 38.4 | 4.4  | 627.13  | 98.90  | 89.63   | 14.29 | 71.24  | 277.52                         | 13.92                          |
| SEX194    | 635525 | 8241682 | Soil | 239 | 6.48  | 4.21  | 1.29  | 9.15  | 1.36 | 115  | 1.22  | 204 | 69.9 | 20.74 | 9.4  | 14   | 1.35 | 0.65 | 32.3 | 4.2  | 621.32  | 115.61 | 106.59  | 17.16 | 63.33  | 291.82                         | 17.10                          |
| SEX013    | 635725 | 8241482 | Soil | 176 | 9.92  | 5.84  | 1.92  | 10.93 | 1.94 | 101  | 1.16  | 206 | 67.7 | 19.69 | 11.2 | 12.4 | 1.74 | 0.94 | 43.4 | 6.8  | 552.80  | 116.19 | 102.75  | 18.59 | 87.58  | 294.68                         | 15.14                          |
| SEX378    | 638225 | 8240482 | Soil | 198 | 4.4   | 2.53  | 2.19  | 6.12  | 0.86 | 54.3 | 0.37  | 217 | 37.2 | 11.01 | 6.4  | 11.1 | 0.82 | 0.35 | 28.1 | 2.2  | 429.51  | 62.71  | 56.69   | 13.20 | 48.90  | 310.42                         | 13.55                          |
| SEX269    | 638625 | 8240982 | Soil | 184 | 7.46  | 5.05  | 2.28  | 9.18  | 1.55 | 82.3 | 0.92  | 226 | 53.9 | 15.68 | 9    | 11.7 | 1.14 | 0.82 | 47.2 | 5.2  | 513.31  | 91.72  | 81.81   | 15.94 | 85.30  | 323.29                         | 14.29                          |
| SEX135    | 639725 | 8241282 | Soil | 195 | 8.78  | 5.3   | 10.2  | 12.38 | 1.89 | 90   | 9.91  | 241 | 84.1 | 21.75 | 14.9 | 14.5 | 1.59 | 0.72 | 43.1 | 5    | 605.51  | 136.32 | 124.37  | 20.54 | 92.69  | 344.75                         | 17.71                          |
| SEX268    | 638525 | 8240982 | Soil | 198 | 8.49  | 5.53  | 2.43  | 10.71 | 1.8  | 95   | 1.03  | 253 | 63.5 | 18.57 | 10.4 | 13.1 | 1.37 | 0.89 | 56.6 | 5.7  | 578.66  | 107.86 | 96.50   | 16.68 | 100.30 | 361.92                         | 16.00                          |
| SEX174    | 635725 | 8241582 | Soil | 244 | 7.56  | 4.39  | 1.68  | 10.43 | 1.46 | 136  | 0.96  | 182 | 80.2 | 24.13 | 12.1 | 12.4 | 1.65 | 0.67 | 37.2 | 4.7  | 681.69  | 133.32 | 122.70  | 18.00 | 71.76  | 260.35                         | 15.14                          |
| SEX301    | 638523 | 8242487 | Soil | 213 | 10.54 | 4.21  | 18.54 | 20.34 | 1.76 | 106  | 0.58  | 79  | 117  | 28.14 | 21.1 | 5.3  | 2.17 | 0.51 | 44.1 | 3.3  | 708.29  | 185.12 | 170.47  | 24.07 | 82.48  | 113.01                         | 6.47                           |
| SEX100    | 638725 | 8239529 | Soil | 258 | 10.77 | 5.32  | 3.13  | 13.8  | 1.92 | 120  | 0.93  | 99  | 88.3 | 24.62 | 14.2 | 7.2  | 2.01 | 0.79 | 47.6 | 4.9  | 717.39  | 147.46 | 132.74  | 18.50 | 90.99  | 141.62                         | 8.79                           |
| SEX245    | 635524 | 8243887 | Soil | 234 | 10.51 | 4.97  | 5.09  | 14.7  | 1.86 | 124  | 0.71  | 123 | 111  | 24.57 | 18.5 | 7.2  | 2.48 | 0.67 | 41.7 | 4.2  | 718.42  | 174.14 | 159.16  | 22.15 | 82.10  | 175.95                         | 8.79                           |
| SEX303    | 638723 | 8242487 | Soil | 235 | 9.89  | 4.33  | 13.88 | 19.24 | 1.7  | 114  | 0.59  | 122 | 111  | 28.1  | 19.3 | 7.2  | 1.98 | 0.55 | 45.5 | 3.3  | 729.84  | 177.10 | 163.42  | 22.39 | 83.42  | 174.52                         | 8.79                           |
| SEX387    | 639025 | 8240482 | Soil | 242 | 10.46 | 5.01  | 12.39 | 17.17 | 1.85 | 121  | 0.66  | 231 | 111  | 28.66 | 18.4 | 12.4 | 2.17 | 0.66 | 51.4 | 3.8  | 752.26  | 178.65 | 164.10  | 21.81 | 93.51  | 330.45                         | 15.14                          |
| SEX305    | 638923 | 8242487 | Soil | 250 | 11.47 | 5.02  | 15.97 | 22.1  | 1.95 | 115  | 0.69  | 119 | 121  | 29.83 | 22   | 7.6  | 2.23 | 0.63 | 48.8 | 4    | 780.41  | 192.96 | 177.18  | 22.70 | 91.79  | 170.23                         | 9.28                           |
| SEX216    | 635925 | 8241782 | Soil | 259 | 9.53  | 6.37  | 2.27  | 11.21 | 1.99 | 155  | 1.14  | 223 | 102  | 25.92 | 14.6 | 11.6 | 2.07 | 0.99 | 50.9 | 6.8  | 780.45  | 163.66 | 150.29  | 19.26 | 97.74  | 319.00                         | 14.16                          |
| SEX302    | 638623 | 8242487 | Soil | 249 | 11.16 | 4.6   | 21.01 | 22.4  | 1.92 | 111  | 0.54  | 90  | 127  | 29.84 | 22.8 | 5.8  | 2.29 | 0.57 | 46.7 | 3.3  | 784.11  | 199.69 | 184.19  | 23.49 | 87.29  | 128.75                         | 7.08                           |
| SEX205    | 636625 | 8241682 | Soil | 316 | 9.92  | 6.58  | 1.3   | 11.54 | 2.1  | 125  | 1.39  | 264 | 80.2 | 24.28 | 11.8 | 17.3 | 1.82 | 1.04 | 50   | 7.4  | 784.29  | 136.41 | 122.88  | 15.67 | 98.15  | 377.65                         | 21.13                          |
| SEX310    | 639323 | 8242487 | Soil | 265 | 10.31 | 5.18  | 7.27  | 17.83 | 2.05 | 122  | 0.79  | 140 | 121  | 31.04 | 21.6 | 10.4 | 2.41 | 0.66 | 50.9 | 3.1  | 794.02  | 193.30 | 178.64  | 22.50 | 92.76  | 200.27                         | 12.70                          |
| SEX300    | 638423 | 8242487 | Soil | 277 | 10.78 | 5.27  | 6.18  | 18.15 | 1.89 | 137  | 0.85  | 149 | 114  | 30.95 | 18.5 | 9.1  | 2.07 | 0.71 | 50   | 4.7  | 814.45  | 185.17 | 170.36  | 20.92 | 93.62  | 213.14                         | 11.11                          |
| SEX173    | 635625 | 8241582 | Soil | 305 | 11.88 | 6.6   | 2.19  | 16.45 | 2.31 | 182  | 1.2   | 209 | 118  | 34.46 | 18   | 13.3 | 2.5  | 1    | 62.9 | 6.6  | 926.42  | 195.84 | 179.27  | 19.35 | 116.67 | 298.97                         | 16.24                          |
| SEX306    | 639023 | 8242487 | Soil | 309 | 13.52 | 5.88  | 12.27 | 25.64 | 2.25 | 142  | 0.78  | 133 | 145  | 35.98 | 25.7 | 8.8  | 2.64 | 0.7  | 57.8 | 4.5  | 940.41  | 231.22 | 212.60  | 22.61 | 108.13 | 190.26                         | 10.75                          |
| SEX346    | 635125 | 8240482 | Soil | 386 | 7.98  | 5.65  | 2.16  | 11.62 | 1.87 | 174  | 1.18  | 275 | 96.3 | 30.56 | 13.6 | 16.3 | 1.74 | 0.83 | 47.2 | 4.7  | 946.53  | 160.45 | 149.25  | 15.77 | 87.39  | 393.39                         | 19.90                          |
| SEX165    | 636325 | 8240982 | Soil | 466 | 9.59  | 6.23  | 1.72  | 10.55 | 1.99 | 136  | 1.3   | 279 | 72.3 | 22.33 | 10.9 | 19.5 | 1.75 | 1.04 | 47.9 | 6.9  | 963.86  | 124.37 | 111.31  | 11.55 | 93.82  | 399.11                         | 23.81                          |
| SEX012    | 635625 | 8241482 | Soil | 430 | 11.85 | 6.62  | 1.81  | 14.36 | 2.16 | 148  | 1.24  | 271 | 93.7 | 27.5  | 13.9 | 15.6 | 2.22 | 1.05 | 50.3 | 7.1  | 979.89  | 158.73 | 142.52  | 14.54 | 100.83 | 387.67                         | 19.05                          |
| SEX202    | 636325 | 8241482 | Soil | 332 | 12.93 | 6.69  | 1.12  | 17.98 | 2.29 | 198  | 1.3   | 193 | 138  | 40.63 | 22.3 | 13.8 | 2.81 | 1    | 49.9 | 7    | 1000.35 | 228.20 | 210.05  | 21.00 | 102.38 | 276.09                         | 16.85                          |
| SEX153    | 635225 | 8240982 | Soil | 364 | 11.84 | 7.57  | 2.79  | 15.75 | 2.51 | 180  | 14.12 | 215 | 128  | 36.66 | 20.1 | 15.5 | 2.23 | 1.15 | 61.4 | 7.6  | 1028.26 | 209.80 | 193.59  | 18.83 | 131.74 | 307.56                         | 18.93                          |
| SEX051    | 639425 | 8241482 | Soil | 345 | 17.37 | 5.73  | 8.14  | 27.74 | 2.39 | 166  | 0.85  | 142 | 168  | 42.13 | 28.8 | 9.5  | 3.61 | 0.71 | 41.2 | 4.5  | 1032.83 | 271.04 | 246.86  | 23.90 | 92.69  | 203.13                         | 11.60                          |
| SEX308    | 639223 | 8242487 | Soil | 362 | 16.45 | 6.25  | 9.37  | 31.02 | 2.65 | 163  | 0.72  | 171 | 174  | 42.86 | 31.9 | 10.2 | 3.27 | 0.8  | 61.5 | 4.5  | 1092.04 | 277.46 | 254.74  | 23.33 | 117.86 | 244.62                         | 12.46                          |
| SEX156    | 635525 | 8240982 | Soil | 467 | 10.06 | 5.49  | 0.81  | 14.79 | 2.04 | 194  | 9.19  | 198 | 124  | 39.14 | 19.3 | 16.1 | 2.08 | 0.74 | 41   | 4.8  | 1124.91 | 205.91 | 191.92  | 17.06 | 91.43  | 283.24                         | 19.66                          |
| SEX014    | 635825 | 8241482 | Soil | 436 | 16.41 | 11.22 | 2.16  | 16.62 | 3.38 | 189  | 2.03  | 399 | 110  | 33.27 | 15.7 | 24.4 | 2.81 | 1.75 | 80.5 | 12.7 | 1125.44 | 190.64 | 168.50  | 14.97 | 159.84 | 570.77                         | 29.79                          |
| SEX042    | 638525 | 8241482 | Soil | 796 | 6.15  | 3.57  | 2.83  | 6.97  | 1.2  | 61.2 | 0.69  | 131 | 44.9 | 12.7  | 7.1  | 9.1  | 1.31 | 0.54 | 19.6 | 3.5  | 1181.17 | 76.31  | 67.72   | 5.73  | 44.33  | 187.40                         | 11.11                          |
| SEX503    | 639123 | 8241987 | Soil | 497 | 14.29 | 6.7   | 12.62 | 19.94 | 2.51 | 153  | 0.88  | 182 | 147  | 39.15 | 25   | 20.4 | 2.8  | 0.91 | 62.2 | 5.5  | 1192.82 | 238.46 | 218.76  | 18.34 | 117.52 | 260.35                         | 24.91                          |
| SEX154    | 635325 | 8240982 | Soil | 506 | 12.72 | 8.61  | 3.08  | 15.21 | 2.85 | 192  | 17.6  | 260 | 123  | 36.77 | 18.8 | 18.1 | 2.2  | 1.35 | 64.3 | 9.4  | 1221.75 | 205.08 | 187.89  | 15.38 | 144.21 | 371.93                         | 22.10                          |
| SEX016    | 636025 | 8241482 | Soil | 442 | 19.63 | 11.91 | 2     | 21.69 | 3.74 | 216  | 2.07  | 409 | 137  | 41.06 | 20.5 | 25.5 | 3.34 | 1.86 | 85.7 | 12.9 | 1229.13 | 235.86 | 209.41  | 17.04 | 172.36 | 585.07                         | 31.14                          |

| SAMPLE ID | EAST   | NORTH   | TYPE | Ce    | Dy    | Er    | Eu   | Gd    | Ho   | La    | Lu    | Nb    | Nd    | Pr    | Sm   | Ta   | Tb   | Tm   | Y    | Yb   | TREO    | MREO   | ND <sub>2</sub> O <sub>3</sub> +Pr <sub>6</sub> O <sub>11</sub> | NdPr% | HREO   | NB <sub>2</sub> O <sub>5</sub> | Ta <sub>2</sub> O <sub>5</sub> |
|-----------|--------|---------|------|-------|-------|-------|------|-------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|---------|--------|---|-------|--------|--------------------------------|--------------------------------|
| SEX246    | 635524 | 8243987 | Soil | 384   | 26.28 | 13.75 | 4.54 | 27    | 4.92 | 248   | 1.79  | 301   | 175   | 41.42 | 31.8 | 23.6 | 5.32 | 1.91 | 119  | 12.2 | 1316.98 | 290.58 | 254.16  | 19.30 | 227.00 | 430.58                         | 28.82                          |
| SEX155    | 635425 | 8240982 | Soil | 542   | 14.17 | 9.48  | 3.23 | 17.93 | 3.23 | 220   | 16.89 | 278   | 145   | 42.54 | 22   | 19.4 | 2.51 | 1.51 | 73.4 | 9.8  | 1353.31 | 239.74 | 220.52  | 16.30 | 159.06 | 397.68                         | 23.69                          |
| SEX157    | 635625 | 8240982 | Soil | 633   | 18.21 | 14.3  | 0.99 | 14.03 | 4.42 | 178   | 24.95 | 486   | 101   | 32.58 | 16.3 | 36.2 | 2.48 | 2.26 | 96.7 | 14.9 | 1395.67 | 180.99 | 157.17  | 11.26 | 215.95 | 695.22                         | 44.20                          |
| SEX015    | 635925 | 8241482 | Soil | 626   | 18.85 | 11.84 | 1.3  | 18.02 | 3.68 | 224   | 2.12  | 525   | 124   | 40.02 | 17.1 | 30.6 | 3.15 | 1.99 | 88   | 13.2 | 1441.33 | 218.32 | 192.99  | 13.39 | 174.56 | 751.01                         | 37.37                          |
| SEX363    | 636725 | 8240482 | Soil | 1448  | 13.82 | 9.48  | 0.9  | 15.56 | 2.92 | 170   | 1.63  | 636   | 108   | 34.33 | 16.8 | 42.1 | 2.45 | 1.41 | 74.7 | 9.9  | 2326.53 | 186.19 | 167.45  | 7.20  | 142.53 | 909.80                         | 51.41                          |
| SEX426    | 636425 | 8241080 | Rock | 198   | 6.78  | 3.82  | 2.05 | 10.06 | 1.28 | 115   | 0.52  | 199   | 69    | 21.14 | 10.8 | 12.2 | 1.29 | 0.56 | 48.7 | 3.3  | 592.58  | 115.32 | 106.02  | 17.89 | 81.97  | 284.67                         | 14.90                          |
| SEX418    | 636825 | 8241380 | Rock | 237   | 9.51  | 5.19  | 2.48 | 13    | 1.83 | 121   | 0.75  | 203   | 86.4  | 25.62 | 14.1 | 14   | 1.86 | 0.72 | 63.3 | 4.3  | 707.07  | 144.83 | 131.73  | 18.63 | 108.09 | 290.39                         | 17.10                          |
| SEX181    | 636425 | 8241582 | Rock | 273   | 10.71 | 5.88  | 0.9  | 14.48 | 2.06 | 147   | 1.09  | 203   | 100   | 29.52 | 15.8 | 11.8 | 2.26 | 0.89 | 56.8 | 6    | 801.37  | 167.26 | 152.31  | 19.01 | 105.25 | 290.39                         | 14.41                          |
| SEX470    | 636925 | 8241180 | Rock | 279   | 11.63 | 6.19  | 0.67 | 14.45 | 2.21 | 152   | 0.94  | 207   | 106   | 31.22 | 16.9 | 18.8 | 2.06 | 0.93 | 64.8 | 6.2  | 836.24  | 177.13 | 161.36  | 19.30 | 116.86 | 296.11                         | 22.96                          |
| SEX106    | 636625 | 8239729 | Rock | 236   | 8.07  | 4.99  | 0.34 | 8.68  | 1.56 | 124   | 0.94  | 211   | 71.4  | 24.3  | 10   | 13.1 | 1.43 | 0.75 | 41.7 | 5.4  | 649.43  | 123.58 | 112.64  | 17.34 | 79.47  | 301.84                         | 16.00                          |
| SEX395    | 637523 | 8239987 | Rock | 317   | 9.05  | 4.23  | 2.76 | 12.96 | 1.61 | 153   | 0.61  | 214   | 101   | 30.2  | 14.6 | 10.7 | 1.83 | 0.55 | 43.7 | 3.4  | 838.11  | 166.83 | 154.29  | 18.41 | 79.91  | 306.13                         | 13.07                          |
| SEX432    | 637025 | 8241080 | Rock | 183   | 8.26  | 4.46  | 2.63 | 10.37 | 1.58 | 98.9  | 0.64  | 215   | 66.6  | 19.85 | 11.2 | 14   | 1.57 | 0.66 | 53.1 | 4    | 562.14  | 112.99 | 101.67  | 18.09 | 91.70  | 307.56                         | 17.10                          |
| SEX435    | 637225 | 8241080 | Rock | 262   | 9.94  | 5.26  | 1.29 | 14.62 | 1.81 | 155   | 0.77  | 215   | 108   | 30.88 | 16.6 | 11.7 | 1.96 | 0.71 | 60.7 | 4.2  | 809.85  | 176.99 | 163.28  | 20.16 | 105.35 | 307.56                         | 14.29                          |
| SEX394    | 637423 | 8239987 | Rock | 180   | 6.2   | 3.42  | 2.65 | 9.51  | 1.19 | 84.2  | 0.51  | 217   | 65    | 18.39 | 10.7 | 9.7  | 1.32 | 0.47 | 35.1 | 2.4  | 506.70  | 106.70 | 98.03   | 19.35 | 62.37  | 310.42                         | 11.84                          |
| SEX362    | 636625 | 8240482 | Rock | 260   | 8.97  | 4.81  | 2.63 | 12.03 | 1.65 | 123   | 0.87  | 217   | 89.5  | 26.05 | 14.9 | 13.4 | 1.69 | 0.71 | 44.5 | 4.5  | 716.80  | 148.15 | 135.87  | 18.95 | 83.11  | 310.42                         | 16.36                          |
| SEX419    | 636925 | 8241380 | Rock | 220   | 10.3  | 5.28  | 1.53 | 13.32 | 1.92 | 126   | 0.86  | 221   | 86.1  | 25.5  | 14.4 | 14.9 | 1.77 | 0.76 | 59.7 | 4.9  | 688.46  | 145.14 | 131.24  | 19.06 | 105.38 | 316.14                         | 18.19                          |
| SEX091    | 637825 | 8239529 | Rock | 180   | 8.15  | 3.7   | 5.7  | 11.52 | 1.34 | 89.3  | 0.6   | 224   | 76    | 20.67 | 12.9 | 9.6  | 1.62 | 0.54 | 34.3 | 3.3  | 539.94  | 124.88 | 113.62  | 21.04 | 65.64  | 320.43                         | 11.72                          |
| SEX361    | 636525 | 8240482 | Rock | 271   | 8.92  | 4.62  | 2.27 | 12.04 | 1.61 | 124   | 0.82  | 228   | 87.3  | 25.9  | 13.8 | 14.5 | 1.65 | 0.74 | 42.5 | 4.5  | 724.13  | 145.30 | 133.12  | 18.38 | 80.18  | 326.15                         | 17.71                          |
| SEX420    | 637025 | 8241380 | Rock | 227   | 9.83  | 5.16  | 1.72 | 13.18 | 1.8  | 125   | 0.84  | 229   | 87.8  | 25.84 | 14.6 | 14.8 | 1.86 | 0.8  | 60.7 | 5.3  | 699.61  | 147.10 | 133.63  | 19.10 | 106.42 | 327.58                         | 18.07                          |
| SEX007    | 635799 | 8240936 | Rock | 272.5 | 11.1  | 5.7   | 2.2  | 12.54 | 1.9  | 154.1 | 0.8   | 229.6 | 116.5 | 33.4  | 19.1 | 13.7 | 1.9  | 0.9  | 56.2 | 5.86 | 834.50  | 191.21 | 176.24  | 21.12 | 103.65 | 328.44                         | 16.73                          |
| SEX360    | 636425 | 8240482 | Rock | 293   | 9.18  | 4.98  | 2.65 | 12.49 | 1.78 | 129   | 0.87  | 233   | 90.5  | 26.69 | 14.4 | 14.6 | 1.86 | 0.75 | 45.5 | 4.8  | 768.73  | 150.53 | 137.81  | 17.93 | 85.55  | 333.31                         | 17.83                          |
| SEX427    | 636525 | 8241080 | Rock | 248   | 10.24 | 5.7   | 0.97 | 13.45 | 1.93 | 148   | 0.85  | 238   | 90.2  | 27.63 | 14.2 | 15.3 | 1.88 | 0.83 | 63.2 | 5.5  | 761.03  | 152.56 | 138.59  | 18.21 | 111.13 | 340.46                         | 18.68                          |
| SEX401    | 638123 | 8239987 | Rock | 235   | 7.88  | 3.77  | 3.86 | 12.42 | 1.41 | 109   | 0.57  | 245   | 87.2  | 24.24 | 13.5 | 12.3 | 1.61 | 0.52 | 39.9 | 3.5  | 654.71  | 141.93 | 131.00  | 20.01 | 72.76  | 350.47                         | 15.02                          |
| SEX521    | 636023 | 8242087 | Rock | 283   | 10.32 | 4.31  | 2.77 | 14.07 | 1.69 | 141   | 7.38  | 248   | 102   | 33.01 | 17.5 | 13.1 | 1.89 | 0.61 | 43.9 | 3.1  | 800.87  | 172.92 | 158.86  | 19.84 | 89.30  | 354.76                         | 16.00                          |
| SEX477    | 636623 | 8241987 | Rock | 259   | 11.33 | 6.19  | 1.74 | 15.03 | 2.17 | 156   | 0.97  | 250   | 112   | 32.41 | 17.9 | 20.8 | 2.17 | 0.9  | 63.7 | 5.9  | 825.86  | 185.35 | 169.79  | 20.56 | 114.86 | 357.63                         | 25.40                          |
| SEX377    | 638125 | 8240482 | Rock | 178   | 6.59  | 3.55  | 2.27 | 8.79  | 1.26 | 85    | 0.6   | 258   | 61.7  | 18.03 | 10   | 12.9 | 1.16 | 0.52 | 35.6 | 3.5  | 501.35  | 102.68 | 93.75   | 18.70 | 64.90  | 369.07                         | 15.75                          |
| SEX223    | 635524 | 8241787 | Rock | 259   | 12.17 | 7.29  | 2.86 | 13.08 | 2.45 | 171   | 1.08  | 258   | 102   | 26.28 | 16.5 | 11.7 | 2.56 | 1.09 | 66.8 | 6.7  | 830.00  | 167.70 | 150.72  | 18.16 | 123.05 | 369.07                         | 14.29                          |
| SEX438    | 637525 | 8241080 | Rock | 269   | 11.17 | 6.08  | 1.41 | 14.61 | 2.04 | 144   | 0.94  | 274   | 98.3  | 29.29 | 15.8 | 17.7 | 2.09 | 0.88 | 67.6 | 5.8  | 805.25  | 165.32 | 150.05  | 18.63 | 119.09 | 391.96                         | 21.61                          |
| SEX163    | 636125 | 8240982 | Rock | 56.4  | 4.83  | 4.39  | 0.17 | 3.01  | 1.26 | 24    | 1.23  | 284   | 17.3  | 4.98  | 3.2  | 23.6 | 0.68 | 0.8  | 26.4 | 6.1  | 186.59  | 32.54  | 26.20   | 14.04 | 55.59  | 406.26                         | 28.82                          |
| SEX354    | 635925 | 8240482 | Rock | 321   | 7.62  | 5.09  | 0.63 | 9.95  | 1.64 | 162   | 0.96  | 284   | 85.9  | 29.15 | 12.8 | 18.2 | 1.57 | 0.77 | 42.9 | 4.2  | 826.29  | 146.00 | 135.41  | 16.39 | 79.52  | 406.26                         | 22.22                          |
| SEX400    | 638023 | 8239987 | Rock | 300   | 10.6  | 4.69  | 3.71 | 15.95 | 1.84 | 135   | 0.69  | 301   | 108   | 30.7  | 17.6 | 15.2 | 2.21 | 0.59 | 50.7 | 3.7  | 825.29  | 177.83 | 163.06  | 19.76 | 92.29  | 430.58                         | 18.56                          |
| SEX077    | 636825 | 8239629 | Rock | 171   | 8.17  | 5.3   | 0.26 | 7.47  | 1.65 | 96.4  | 1.25  | 311   | 53.5  | 17.62 | 7.9  | 26.1 | 1.23 | 0.93 | 42.5 | 5.6  | 507.62  | 94.51  | 83.69   | 16.49 | 82.74  | 444.89                         | 31.87                          |
| SEX429    | 636725 | 8241080 | Rock | 301   | 8.65  | 4.91  | 0.85 | 12.69 | 1.7  | 164   | 0.92  | 348   | 99.1  | 31.2  | 14.1 | 25   | 1.78 | 0.8  | 53.8 | 5.6  | 843.58  | 165.31 | 153.29  | 18.17 | 96.24  | 497.81                         | 30.53                          |
| SEX160    | 635825 | 8240982 | Rock | 254   | 14.37 | 9.71  | 0.38 | 11.45 | 3.12 | 162   | 1.58  | 379   | 79.7  | 26.66 | 11.8 | 29   | 2.33 | 1.47 | 81.6 | 9.6  | 806.44  | 144.41 | 125.17  | 15.52 | 151.94 | 542.16                         | 35.41                          |
| SEX107    | 636625 | 8239729 | Rock | 203   | 11.95 | 6.98  | 0.39 | 11.67 | 2.21 | 117   | 1.42  | 394   | 79.4  | 24.95 | 13   | 28.7 | 1.96 | 1.08 | 57   | 8.3  | 649.53  | 138.78 | 122.76  | 18.90 | 111.22 | 563.62                         | 35.05                          |
| SEX353    | 635825 | 8240482 | Rock | 207   | 7.97  | 5.02  | 0.49 | 10.23 | 1.65 | 103   | 1.18  | 485   | 77.5  | 23.28 | 12.8 | 35.8 | 1.55 | 0.81 | 45.3 | 4.6  | 604.43  | 129.49 | 118.52  | 19.61 | 83.63  | 693.79                         | 43.72                          |
| SEX062    | 636925 | 8239829 | Rock | 236   | 9.84  | 6.14  | 0.44 | 10.57 | 1.93 | 154   | 1.4   | 841   | 78.3  | 28.18 | 11.1 | 85.8 | 1.76 | 0.95 | 55.1 | 7.3  | 725.01  | 138.74 | 125.38  | 17.29 | 103.56 | 1203.05                        | 104.77                         |
| SEX229    | 635524 | 8242387 | Rock | 228   | 13.27 | 6.1   | 4.81 | 18.72 | 2.33 | 161   | 0.81  | 141   | 148   | 33.02 | 24.1 | 6.8  | 3.22 | 0.75 | 57.6 | 5    | 845.79  | 231.54 | 212.52  | 25.13 | 109.28 | 201.70                         | 8.30                           |
| SEX366    | 637025 | 8240482 | Rock | 303   | 11.85 | 7.01  | 0.82 | 14.17 | 2.33 | 147   | 1.31  | 402   | 102   | 30.51 | 15.7 | 25.5 | 2.11 | 1.15 | 61.2 | 7.3  | 851.53  | 171.92 | 155.83  | 18.30 | 115.60 | 575.06                         | 31.14                          |
| SEX461    | 636925 | 8241280 | Rock | 264   | 11.38 | 6.06  | 3.67 | 15.9  | 2.06 | 161   | 0.79  | 177   | 121   | 34.45 | 18.6 | 16.6 | 2.32 | 0.83 | 63.7 | 5.2  | 853.76  | 198.55 | 182.76  | 21.41 | 113.74 | 253.20                         | 20.27                          |
| SEX179    | 636225 | 8241582 | Rock | 300   | 11.62 | 6.2   | 1.95 | 16.54 | 2.12 | 150   | 1.11  | 189   | 115   | 32.6  | 18.7 | 12.7 | 2.52 | 0.85 | 50.8 | 5.8  | 860.14  | 189.82 | 173.52  | 20.17 | 99.17  | 270.36                         | 15.51                          |
| SEX120    | 635023 | 8242287 | Rock | 310   | 8.59  | 3.58  | 2.72 | 16.38 | 1.59 | 139   | 6.64  | 143   | 141   | 37.72 | 21.7 | 8.1  | 1.95 | 0.43 | 32.9 | 3    | 872.36  | 222.19 | 210.04  | 24.08 | 71.30  | 204.56                         | 9.89                           |
| SEX520    | 636023 | 8241987 | Rock | 289   | 10.92 | 4.72  | 2.84 | 16.15 | 1.86 | 168   | 7.11  | 190   | 123   | 37.29 | 21.7 | 9.9  | 2.14 | 0.63 | 46.2 | 3.3  | 881.43  | 203.57 | 188.52  | 21.39 | 93.81  | 271.80                         | 12.09                          |
| SEX171    | 635425 | 8241582 | Rock | 308   | 11.62 | 6.14  | 1.79 | 16.11 | 2.17 | 161   | 1.05  | 213   | 113   | 33.4  | 18.1 | 13.3 | 2.54 | 0.83 | 52.9 | 5.6  | 882.48  | 188.48 | 172.16  | 19.51 | 101.53 | 304.70                         | 16.24                          |
| SEX319    | 637125 | 8240682 | Rock | 296   | 7.99  | 4.54  | 1.22 | 13.07 | 1.59 | 208   | 1.01  | 162   | 112   | 35.59 | 16.3 | 9.6  | 1.93 | 0.7  | 38   | 3.9  | 889.66  | 185.08 | 173.64  | 19.52 | 73.10  | 231.74                         | 11.72                          |

| SAMPLE ID | EAST   | NORTH   | TYPE | Ce    | Dy    | Er    | Eu   | Gd    | Ho   | La    | Lu    | Nb  | Nd    | Pr    | Sm   | Ta   | Tb   | Tm   | Y    | Yb   | TREO    | MREO   | ND <sub>2</sub> O <sub>3</sub> +Pr <sub>6</sub> O <sub>11</sub> | NdPr% | HREO   | NB <sub>2</sub> O <sub>5</sub> | Ta <sub>2</sub> O <sub>5</sub> |
|-----------|--------|---------|------|-------|-------|-------|------|-------|------|-------|-------|-----|-------|-------|------|------|------|------|------|------|---------|--------|---|-------|--------|--------------------------------|--------------------------------|
| SEX164    | 636225 | 8240982 | Rock | 321   | 10.29 | 5.5   | 2.66 | 15.33 | 1.91 | 177   | 1.01  | 165 | 113   | 33.95 | 17.6 | 12.3 | 2.34 | 0.74 | 40.9 | 4.9  | 898.43  | 187.38 | 172.82  | 19.24 | 82.55  | 236.03                         | 15.02                          |
| SEX191    | 637225 | 8241582 | Rock | 263   | 13.04 | 5.42  | 3.48 | 22.77 | 2.14 | 164   | 0.97  | 64  | 157   | 42.07 | 25.7 | 4.5  | 3.15 | 0.72 | 48.2 | 4.7  | 905.24  | 252.62 | 233.95  | 25.84 | 95.81  | 91.55                          | 5.49                           |
| SEX336    | 637325 | 8240782 | Rock | 321   | 10.68 | 6.44  | 1.6  | 14.99 | 2.22 | 160   | 1.1   | 219 | 114   | 34.35 | 18.7 | 13.1 | 2.2  | 0.95 | 59.6 | 5.1  | 905.83  | 189.32 | 174.47  | 19.26 | 108.58 | 313.28                         | 16.00                          |
| SEX186    | 636825 | 8241582 | Rock | 302   | 12.21 | 6.71  | 1.41 | 17.07 | 2.37 | 174   | 1.21  | 203 | 118   | 34.82 | 19.1 | 13.5 | 2.62 | 1.02 | 57.1 | 6.7  | 908.37  | 196.80 | 179.70  | 19.78 | 110.16 | 290.39                         | 16.48                          |
| SEX222    | 636525 | 8241782 | Rock | 286   | 13.74 | 7.14  | 2.25 | 16.5  | 2.51 | 175   | 1.1   | 221 | 132   | 31.37 | 20.9 | 12.9 | 3.01 | 1.03 | 60.6 | 6.9  | 911.88  | 211.18 | 191.87  | 21.04 | 117.59 | 316.14                         | 15.75                          |
| SEX335    | 637225 | 8240782 | Rock | 311   | 11.02 | 6.85  | 1.95 | 14.85 | 2.3  | 174   | 1.13  | 182 | 118   | 34.78 | 18.3 | 10.6 | 2.24 | 0.95 | 60   | 5    | 916.36  | 194.94 | 179.66  | 19.61 | 110.01 | 260.35                         | 12.94                          |
| SEX247    | 636525 | 8240982 | Rock | 311   | 11.47 | 6.33  | 1.09 | 14.43 | 2.16 | 182   | 1.08  | 252 | 124   | 31.41 | 19.2 | 13.6 | 2.6  | 0.93 | 50.9 | 6.4  | 918.37  | 198.81 | 182.58  | 19.88 | 100.15 | 360.49                         | 16.61                          |
| SEX431    | 636925 | 8241080 | Rock | 276   | 12.42 | 6.66  | 1.57 | 17.41 | 2.31 | 187   | 0.88  | 288 | 122   | 35.83 | 17.9 | 18.2 | 2.26 | 0.94 | 79   | 5.8  | 922.76  | 202.50 | 185.59  | 20.11 | 136.18 | 411.98                         | 22.22                          |
| SEX024    | 636825 | 8241482 | Rock | 314   | 13.92 | 6.46  | 2.36 | 19.19 | 2.3  | 176   | 1.1   | 182 | 126   | 36.45 | 20   | 11.9 | 2.74 | 0.93 | 44.4 | 6.1  | 926.04  | 210.20 | 191.01  | 20.63 | 94.86  | 260.35                         | 14.53                          |
| SEX340    | 637025 | 8240882 | Rock | 324   | 10.76 | 5.95  | 1.61 | 15.69 | 2.28 | 172   | 1.09  | 251 | 118   | 35.2  | 18.9 | 14.6 | 2.23 | 0.82 | 57.8 | 4.5  | 926.84  | 195.14 | 180.16  | 19.44 | 105.09 | 359.06                         | 17.83                          |
| SEX325    | 637125 | 8240582 | Rock | 334   | 14.87 | 10.04 | 0.83 | 16.42 | 3.38 | 143   | 1.68  | 326 | 101   | 31.14 | 17.7 | 21.2 | 2.63 | 1.47 | 83.7 | 7.6  | 927.88  | 175.59 | 155.43  | 16.75 | 154.05 | 466.34                         | 25.89                          |
| SEX499    | 638723 | 8241987 | Rock | 311   | 14.03 | 7     | 4.85 | 18.47 | 2.44 | 155   | 0.86  | 237 | 126   | 35.57 | 20.8 | 24.1 | 2.63 | 1.02 | 66.8 | 5.8  | 928.35  | 209.14 | 189.94  | 20.46 | 123.57 | 339.03                         | 29.43                          |
| SEX114    | 635023 | 8241687 | Rock | 319   | 11.12 | 7.32  | 1.43 | 13.73 | 2.49 | 169   | 13.45 | 235 | 114   | 34.09 | 18.1 | 15.6 | 1.94 | 1.11 | 60.6 | 7.4  | 930.90  | 189.20 | 174.16  | 18.71 | 128.21 | 336.17                         | 19.05                          |
| SEX248    | 636625 | 8240982 | Rock | 307   | 12.27 | 6.53  | 2.58 | 15.56 | 2.25 | 198   | 1.03  | 193 | 129   | 32.4  | 19.7 | 11   | 2.75 | 0.92 | 55.8 | 6.2  | 950.21  | 206.93 | 189.61  | 19.95 | 107.50 | 276.09                         | 13.43                          |
| SEX504    | 639223 | 8241987 | Rock | 358   | 7.89  | 3.61  | 2.95 | 13.91 | 1.32 | 185   | 0.53  | 94  | 127   | 39.14 | 18.2 | 7.4  | 1.77 | 0.51 | 32   | 3.4  | 955.18  | 206.56 | 195.42  | 20.46 | 62.47  | 134.47                         | 9.04                           |
| SEX368    | 637225 | 8240482 | Rock | 340   | 14.52 | 8.45  | 1.25 | 16.05 | 2.82 | 165   | 1.34  | 361 | 105   | 32.42 | 17.4 | 16.3 | 2.54 | 1.31 | 76.6 | 8.3  | 955.22  | 181.29 | 161.64  | 16.92 | 142.29 | 516.41                         | 19.90                          |
| SEX021    | 636525 | 8241482 | Rock | 330   | 14.56 | 6.79  | 0.96 | 19.52 | 2.47 | 180   | 1.09  | 202 | 122   | 35.44 | 19.1 | 12.7 | 2.89 | 0.99 | 53.7 | 6.5  | 956.02  | 205.23 | 185.12  | 19.36 | 108.67 | 288.96                         | 15.51                          |
| SEX026    | 637025 | 8241482 | Rock | 332   | 13.9  | 6.43  | 1.94 | 18.72 | 2.34 | 191   | 1.16  | 219 | 126   | 37.5  | 19.7 | 14   | 2.74 | 0.95 | 44.6 | 6.5  | 966.43  | 211.45 | 192.27  | 19.90 | 95.65  | 313.28                         | 17.10                          |
| SEX072    | 637125 | 8239729 | Rock | 327   | 16.65 | 10.26 | 0.46 | 16.93 | 3.17 | 163   | 1.98  | 581 | 114   | 35.03 | 18   | 46   | 2.88 | 1.72 | 81.1 | 12.1 | 967.91  | 197.79 | 175.29  | 18.11 | 158.84 | 831.12                         | 56.17                          |
| SEX207    | 636825 | 8241682 | Rock | 340   | 13.69 | 7.16  | 1.64 | 17.9  | 2.54 | 180   | 1.34  | 185 | 127   | 37.09 | 20.4 | 12.9 | 2.76 | 0.95 | 57   | 7    | 980.91  | 211.90 | 192.94  | 19.67 | 113.02 | 264.64                         | 15.75                          |
| SEX318    | 637025 | 8240682 | Rock | 234   | 30.08 | 20.94 | 1.19 | 23.98 | 6.83 | 135   | 3.06  | 490 | 110   | 30.87 | 25.9 | 25.4 | 4.43 | 3.25 | 182  | 16.4 | 998.92  | 205.33 | 165.60  | 16.58 | 328.49 | 700.95                         | 31.02                          |
| SEX180    | 636325 | 8241582 | Rock | 328   | 13.97 | 7.32  | 1.12 | 19.23 | 2.58 | 198   | 1.25  | 199 | 136   | 39.29 | 22   | 13   | 2.99 | 1.08 | 61.7 | 7.2  | 1010.29 | 225.65 | 206.10  | 20.40 | 120.08 | 284.67                         | 15.87                          |
| SEX330    | 636825 | 8240782 | Rock | 341   | 15.66 | 9.25  | 1.53 | 17.97 | 3.38 | 168   | 1.59  | 415 | 126   | 37.66 | 20.8 | 29.4 | 2.9  | 1.47 | 85.2 | 10.2 | 1014.12 | 213.85 | 192.47  | 18.98 | 159.13 | 593.66                         | 35.90                          |
| SEX253    | 637125 | 8240982 | Rock | 337   | 14.5  | 7.68  | 1.79 | 17.2  | 2.76 | 201   | 1.15  | 237 | 140   | 34.88 | 22.1 | 12.6 | 3.16 | 1.08 | 65   | 7.4  | 1028.48 | 225.80 | 205.44  | 19.97 | 125.81 | 339.03                         | 15.39                          |
| SEX201    | 636225 | 8241682 | Rock | 361   | 13.91 | 7.33  | 1.72 | 18.62 | 2.62 | 188   | 1.31  | 230 | 132   | 38.67 | 21   | 15.8 | 2.86 | 1.05 | 59.6 | 6.7  | 1029.14 | 220.01 | 200.69  | 19.50 | 116.72 | 329.02                         | 19.29                          |
| SEX187    | 636925 | 8241582 | Rock | 358   | 11.59 | 5.73  | 3.6  | 17.75 | 2.14 | 206   | 0.96  | 96  | 128   | 37.81 | 19.9 | 5.5  | 2.67 | 0.73 | 58.4 | 4.8  | 1031.05 | 211.42 | 194.98  | 18.91 | 107.00 | 137.33                         | 6.72                           |
| SEX110    | 635023 | 8241287 | Rock | 285   | 13.38 | 8.06  | 1.49 | 17.94 | 2.91 | 234   | 14.46 | 170 | 143   | 41.57 | 21.5 | 12.5 | 2.42 | 1.11 | 87.7 | 7.1  | 1056.80 | 235.22 | 217.02  | 20.54 | 167.92 | 243.19                         | 15.26                          |
| SEX367    | 637125 | 8240482 | Rock | 382   | 13.18 | 6.9   | 1.37 | 18.47 | 2.37 | 197   | 1.12  | 318 | 138   | 40.53 | 21.5 | 15.3 | 2.52 | 0.98 | 62.5 | 6.4  | 1075.77 | 228.02 | 209.93  | 19.51 | 117.74 | 454.90                         | 18.68                          |
| SEX358    | 636325 | 8240482 | Rock | 391   | 11.77 | 6.34  | 3.93 | 17.89 | 2.4  | 206   | 1.04  | 182 | 132   | 38.66 | 20.8 | 12.4 | 2.53 | 0.92 | 61.8 | 4.6  | 1084.30 | 217.16 | 200.67  | 18.51 | 112.43 | 260.35                         | 15.14                          |
| SEX270    | 638725 | 8240982 | Rock | 272   | 14.92 | 7.45  | 5.56 | 26.94 | 2.73 | 238   | 1.13  | 189 | 180   | 50.02 | 27   | 11.1 | 2.9  | 1.04 | 84.2 | 6.5  | 1101.42 | 290.92 | 270.39  | 24.55 | 148.98 | 270.36                         | 13.55                          |
| SEX320    | 637225 | 8240682 | Rock | 361   | 13.89 | 8.23  | 1.6  | 19.43 | 2.97 | 225   | 1.39  | 199 | 145   | 43.52 | 23   | 11.4 | 2.83 | 1.19 | 78.3 | 6    | 1121.25 | 240.98 | 221.71  | 19.77 | 141.29 | 284.67                         | 13.92                          |
| SEX254    | 637225 | 8240982 | Rock | 295   | 16.72 | 8.38  | 2.75 | 21.83 | 3.1  | 262   | 1.21  | 217 | 181   | 44.07 | 28.2 | 11.1 | 3.87 | 1.16 | 74   | 7.6  | 1137.26 | 288.11 | 264.36  | 23.25 | 142.20 | 310.42                         | 13.55                          |
| SEX228    | 635524 | 8242287 | Rock | 363   | 16.45 | 7.56  | 6.4  | 23.21 | 2.99 | 208   | 0.93  | 245 | 190   | 42.6  | 29.8 | 10.8 | 4.04 | 0.96 | 71   | 5.9  | 1166.39 | 296.72 | 273.09  | 23.41 | 134.74 | 350.47                         | 13.19                          |
| SEX111    | 635023 | 8241387 | Rock | 337   | 12.58 | 6.73  | 3.89 | 18.92 | 2.54 | 267   | 11.58 | 161 | 170   | 51.65 | 24.6 | 11   | 2.51 | 0.93 | 66.8 | 6.4  | 1176.98 | 278.08 | 260.69  | 22.15 | 134.34 | 230.31                         | 13.43                          |
| SEX081    | 637925 | 8239529 | Rock | 424   | 16.67 | 8.7   | 0.7  | 18.47 | 2.83 | 213   | 1.59  | 386 | 149   | 48.26 | 22.7 | 28   | 3.05 | 1.37 | 70.4 | 9.2  | 1190.33 | 254.82 | 232.10  | 19.50 | 139.16 | 552.17                         | 34.19                          |
| SEX192    | 637325 | 8241582 | Rock | 412   | 14.28 | 5.8   | 3.43 | 26.15 | 2.36 | 200   | 0.94  | 163 | 190   | 50.23 | 29.4 | 9.9  | 3.57 | 0.71 | 50.8 | 4.8  | 1192.95 | 302.89 | 282.30  | 23.66 | 101.78 | 233.17                         | 12.09                          |
| SEX455    | 636524 | 8243487 | Rock | 429   | 12.41 | 6.78  | 1.55 | 16.26 | 2.39 | 242   | 1.07  | 388 | 136   | 43.58 | 19.4 | 26.1 | 2.39 | 1.06 | 72   | 6.7  | 1194.15 | 228.34 | 211.28  | 17.69 | 129.03 | 555.03                         | 31.87                          |
| SEX080    | 637025 | 8239529 | Rock | 409   | 17.46 | 7.72  | 1.66 | 22.54 | 3    | 225   | 1.2   | 361 | 157   | 46.88 | 25.1 | 26.4 | 3.38 | 1.08 | 69.8 | 7.4  | 1199.01 | 263.78 | 239.77  | 20.00 | 135.94 | 516.41                         | 32.24                          |
| SEX348    | 635325 | 8240482 | Rock | 423   | 12.91 | 7.21  | 2.3  | 19.74 | 2.58 | 230   | 1.18  | 195 | 156   | 46.28 | 24   | 12.2 | 2.76 | 1.02 | 64.6 | 5.4  | 1200.43 | 255.94 | 237.87  | 19.82 | 119.95 | 278.95                         | 14.90                          |
| SEX341    | 637125 | 8240882 | Rock | 440   | 14.73 | 9.39  | 1.33 | 18.85 | 3.14 | 215   | 1.53  | 316 | 146   | 44.1  | 22.7 | 16.9 | 2.99 | 1.42 | 83.3 | 7.5  | 1218.25 | 244.00 | 223.58  | 18.35 | 152.44 | 452.04                         | 20.64                          |
| SEX079    | 637025 | 8239629 | Rock | 414   | 16.21 | 6.97  | 0.74 | 21.97 | 2.6  | 236   | 1.28  | 344 | 170   | 51.37 | 25.6 | 27.7 | 3.16 | 0.99 | 62.1 | 6.8  | 1224.02 | 282.67 | 260.35  | 21.27 | 122.46 | 492.09                         | 33.82                          |
| SEX109    | 636625 | 8239729 | Rock | 419   | 14.88 | 9.93  | 0.62 | 16.65 | 3.24 | 240   | 20.45 | 315 | 135   | 43.51 | 21.4 | 17.2 | 2.51 | 1.63 | 80.3 | 11.4 | 1226.09 | 230.06 | 210.03  | 17.13 | 175.17 | 450.61                         | 21.00                          |
| SEX078    | 636925 | 8239629 | Rock | 422   | 15.38 | 7.89  | 0.49 | 18.02 | 2.63 | 258   | 1.43  | 406 | 154   | 52.62 | 22.1 | 32.4 | 2.89 | 1.21 | 64.2 | 8.3  | 1238.21 | 264.25 | 243.20  | 19.64 | 127.07 | 580.78                         | 39.56                          |
| SEX003    | 635711 | 8241067 | Rock | 427.8 | 13.4  | 6.7   | 2.5  | 17.19 | 2.6  | 246.9 | 1     | 250 | 163.8 | 48.9  | 25.4 | 11.7 | 2.4  | 1    | 65.1 | 6.68 | 1238.77 | 268.34 | 250.14  | 20.19 | 121.40 | 357.63                         | 14.29                          |
| SEX071    | 637125 | 8239629 | Rock | 503   | 13.68 | 6.93  | 0.64 | 17.29 | 2.29 | 206   | 1.25  | 430 | 150   | 47.42 | 22.3 | 32.8 | 2.57 | 1.04 | 48.4 | 7.5  | 1240.15 | 250.98 | 232.25  | 18.73 | 101.88 | 615.12                         | 40.05                          |



| SAMPLE ID | EAST   | NORTH   | TYPE | Ce    | Dy    | Er    | Eu    | Gd    | Ho    | La    | Lu    | Nb    | Nd    | Pr    | Sm   | Ta   | Tb    | Tm   | Y     | Yb    | TREO     | MREO    | ND <sub>2</sub> O <sub>3</sub> +Pr <sub>6</sub> O <sub>11</sub> | NdPr% | HREO    | NB <sub>2</sub> O <sub>5</sub> | Ta <sub>2</sub> O <sub>5</sub> |
|-----------|--------|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|------|-------|-------|----------|---------|---|-------|---------|--------------------------------|--------------------------------|
| SEX159    | 635725 | 8240982 | Rock | 324   | 15.14 | 9.17  | 0.59  | 17.34 | 3     | 347   | 1.61  | 414   | 145   | 50.24 | 19.2 | 29.9 | 2.93  | 1.41 | 96.3  | 9.1   | 1248.56  | 250.65  | 229.83  | 18.41 | 170.84  | 592.23                         | 36.51                          |
| SEX252    | 637025 | 8240982 | Rock | 407   | 16.84 | 8.24  | 2.03  | 21.9  | 3.04  | 241   | 1.16  | 224   | 186   | 45.1  | 29.1 | 14.7 | 3.93  | 1.09 | 67.7  | 7.1   | 1248.86  | 295.39  | 271.44  | 21.74 | 133.48  | 320.43                         | 17.95                          |
| SEX063    | 637035 | 8239829 | Rock | 422   | 16.93 | 8.97  | 1.53  | 19.65 | 3.02  | 251   | 1.37  | 356   | 153   | 47.81 | 22.8 | 22.7 | 3.06  | 1.33 | 78.9  | 8.5   | 1249.54  | 259.25  | 236.22  | 18.90 | 149.70  | 509.26                         | 27.72                          |
| SEX076    | 636725 | 8239629 | Rock | 445   | 16.96 | 7.34  | 0.83  | 22.93 | 2.69  | 233   | 1.08  | 190   | 173   | 50.66 | 26.8 | 13.5 | 3.34  | 0.97 | 65    | 6.5   | 1268.51  | 286.39  | 262.99  | 20.73 | 127.15  | 271.80                         | 16.48                          |
| SEX349    | 635425 | 8240482 | Rock | 613   | 10.08 | 6.07  | 0.89  | 14.13 | 2.12  | 172   | 1.18  | 285   | 122   | 40.72 | 18.4 | 18.7 | 2.21  | 0.87 | 46.3  | 5     | 1275.25  | 205.67  | 191.50  | 15.02 | 90.36   | 407.69                         | 22.83                          |
| SEX364    | 636825 | 8240482 | Rock | 476   | 16.02 | 7.94  | 1.06  | 20.9  | 2.99  | 228   | 1.27  | 319   | 153   | 46.8  | 24.2 | 18.6 | 3.09  | 1.23 | 77.2  | 8     | 1285.02  | 257.02  | 235.00  | 18.29 | 144.52  | 456.33                         | 22.71                          |
| SEX002    | 635799 | 8240936 | Rock | 507   | 15.3  | 9.4   | 0.8   | 13.85 | 2.9   | 236.1 | 1.4   | 445   | 140.1 | 44.9  | 20.3 | 24.7 | 2.4   | 1.3  | 77.3  | 9.74  | 1304.57  | 238.04  | 217.66  | 16.68 | 146.78  | 636.57                         | 30.16                          |
| SEX326    | 637225 | 8240582 | Rock | 497   | 13.82 | 6.98  | 1.58  | 21.2  | 2.71  | 255   | 1.19  | 298   | 170   | 52.42 | 26.6 | 18.8 | 3.1   | 1.03 | 62.3  | 5.2   | 1346.47  | 281.13  | 261.62  | 19.43 | 118.16  | 426.29                         | 22.96                          |
| SEX162    | 636025 | 8240982 | Rock | 438   | 17.65 | 9.9   | 1.82  | 22.91 | 3.39  | 283   | 1.78  | 299   | 165   | 51.04 | 25.8 | 22.1 | 3.54  | 1.56 | 89.5  | 10.2  | 1351.20  | 278.54  | 254.12  | 18.81 | 168.70  | 427.72                         | 26.99                          |
| SEX112    | 635023 | 8241487 | Rock | 349   | 19.82 | 11.39 | 2.69  | 25.83 | 4.11  | 308   | 17.02 | 226   | 209   | 60.8  | 32.2 | 15   | 3.52  | 1.65 | 114   | 10.5  | 1399.98  | 344.12  | 317.24  | 22.66 | 222.58  | 323.29                         | 18.32                          |
| SEX113    | 635023 | 8241587 | Rock | 371   | 18.59 | 10.39 | 2.59  | 26.14 | 3.72  | 339   | 14.88 | 179   | 204   | 61.11 | 30.3 | 11.5 | 3.39  | 1.37 | 105   | 8.9   | 1436.78  | 337.10  | 311.78  | 21.70 | 203.42  | 256.06                         | 14.04                          |
| SEX008    | 635581 | 8242413 | Rock | 297.8 | 32.5  | 14.3  | 8.4   | 48.21 | 5.9   | 217.3 | 1.3   | 135   | 295.7 | 69.7  | 56.2 | 9.3  | 6.4   | 1.7  | 143   | 10.15 | 1444.76  | 473.94  | 429.12  | 29.70 | 264.51  | 193.12                         | 11.36                          |
| SEX428    | 636625 | 8241080 | Rock | 571   | 10.84 | 5.62  | 1.12  | 17.19 | 1.97  | 293   | 0.91  | 243   | 157   | 52.97 | 20.7 | 16.7 | 2.36  | 0.8  | 61.3  | 5.4   | 1447.13  | 262.34  | 247.12  | 17.08 | 109.84  | 347.61                         | 20.39                          |
| SEX161    | 635925 | 8240982 | Rock | 430   | 16.81 | 8.93  | 2.18  | 24.57 | 3.27  | 351   | 1.53  | 275   | 188   | 59.08 | 27.2 | 20.9 | 3.67  | 1.41 | 83.3  | 9.1   | 1449.97  | 314.27  | 290.66  | 20.05 | 157.06  | 393.39                         | 25.52                          |
| SEX011    | 635525 | 8241482 | Rock | 426   | 24.59 | 10.97 | 3.14  | 32.49 | 4     | 308   | 1.44  | 212   | 200   | 58.09 | 31   | 13.4 | 4.63  | 1.52 | 97.9  | 9.2   | 1453.98  | 337.13  | 303.46  | 20.87 | 188.97  | 303.27                         | 16.36                          |
| SEX519    | 636023 | 8241887 | Rock | 527   | 17.16 | 6.15  | 4.26  | 27.13 | 2.63  | 254   | 9.35  | 254   | 208   | 63.61 | 35.9 | 12.8 | 3.54  | 0.74 | 62.3  | 4.5   | 1472.17  | 343.32  | 319.46  | 21.70 | 129.62  | 363.35                         | 15.63                          |
| SEX084    | 637125 | 8239529 | Rock | 634   | 15.9  | 7.62  | 0.73  | 18.96 | 2.54  | 241   | 1.48  | 435   | 158   | 51.52 | 23.9 | 33.9 | 2.99  | 1.09 | 58.8  | 8.5   | 1479.07  | 268.30  | 246.54  | 16.67 | 120.67  | 622.27                         | 41.40                          |
| SEX339    | 636925 | 8240882 | Rock | 533   | 18.3  | 11.29 | 1.66  | 23.24 | 3.79  | 282   | 1.74  | 360   | 173   | 55.34 | 27.5 | 20.3 | 3.58  | 1.66 | 99.3  | 8.5   | 1496.83  | 293.86  | 268.65  | 17.95 | 182.12  | 514.98                         | 24.79                          |
| SEX099    | 638625 | 8239529 | Rock | 399   | 36.9  | 17.06 | 6.98  | 42.75 | 6.4   | 240   | 1.99  | 294   | 216   | 55.81 | 43.3 | 19.6 | 6.6   | 2.22 | 164   | 13.1  | 1503.47  | 369.49  | 319.37  | 21.24 | 304.93  | 420.57                         | 23.93                          |
| SEX314    | 639723 | 8242487 | Rock | 465   | 29.29 | 18.68 | 5.87  | 28.9  | 6.62  | 241   | 2.49  | 738   | 168   | 50.43 | 33.1 | 50   | 5.04  | 2.76 | 183   | 13.6  | 1511.57  | 296.43  | 256.88  | 16.99 | 322.35  | 1055.71                        | 61.06                          |
| SEX355    | 636025 | 8240482 | Rock | 531   | 13.52 | 8.26  | 2.2   | 20.83 | 2.88  | 330   | 1.62  | 338   | 182   | 57.86 | 26.2 | 21.1 | 3.05  | 1.31 | 73    | 7.1   | 1514.41  | 301.30  | 282.19  | 18.63 | 135.97  | 483.51                         | 25.77                          |
| SEX048    | 639125 | 8241482 | Rock | 510   | 23.96 | 9.26  | 7.87  | 36.36 | 3.53  | 280   | 1.41  | 189   | 228   | 62.55 | 36.7 | 12.6 | 5.01  | 1.26 | 58.2  | 8.3   | 1524.38  | 374.90  | 341.51  | 22.40 | 134.43  | 270.36                         | 15.39                          |
| SEX217    | 636025 | 8241782 | Rock | 507   | 18.3  | 7.18  | 4.89  | 29.88 | 3     | 275   | 0.91  | 232   | 264   | 58.98 | 40.7 | 9.4  | 4.92  | 0.91 | 68.3  | 5.4   | 1545.20  | 405.98  | 379.19  | 24.54 | 133.39  | 331.88                         | 11.48                          |
| SEX074    | 636625 | 8239529 | Rock | 563   | 20.01 | 7.53  | 1.03  | 28.78 | 2.94  | 290   | 1.13  | 154   | 216   | 65.06 | 33.9 | 12.7 | 4.04  | 0.95 | 66.8  | 6     | 1569.65  | 358.27  | 330.55  | 21.06 | 133.73  | 220.30                         | 15.51                          |
| SEX255    | 637325 | 8240982 | Rock | 529   | 19.43 | 9.4   | 1.77  | 24.96 | 3.46  | 317   | 1.31  | 350   | 217   | 54.47 | 33.4 | 21.2 | 4.47  | 1.31 | 85.4  | 8.6   | 1573.57  | 346.48  | 318.92  | 20.27 | 163.50  | 500.68                         | 25.89                          |
| SEX009    | 635325 | 8241482 | Rock | 319   | 26.75 | 12.07 | 4.06  | 38.12 | 4.43  | 410   | 1.7   | 171   | 253   | 75.16 | 35.6 | 10.1 | 5.33  | 1.68 | 130   | 9.9   | 1584.59  | 422.88  | 385.91  | 24.35 | 236.06  | 244.62                         | 12.33                          |
| SEX075    | 636725 | 8239529 | Rock | 639   | 17.81 | 6.9   | 0.85  | 25.76 | 2.63  | 281   | 0.98  | 173   | 212   | 64.93 | 32.2 | 9.3  | 3.72  | 0.95 | 56.8  | 5.6   | 1624.67  | 350.54  | 325.73  | 20.05 | 116.43  | 247.48                         | 11.36                          |
| SEX249    | 636725 | 8240982 | Rock | 571   | 21.12 | 10.51 | 1.88  | 26.16 | 3.89  | 321   | 1.35  | 223   | 221   | 56.18 | 34.4 | 13.1 | 4.72  | 1.44 | 98.4  | 8.5   | 1659.84  | 355.44  | 325.65  | 19.62 | 184.08  | 319.00                         | 16.00                          |
| SEX331    | 636925 | 8240782 | Rock | 611   | 18.25 | 9.38  | 1.48  | 26.05 | 3.41  | 338   | 1.36  | 408   | 201   | 63.23 | 31.5 | 27   | 3.7   | 1.32 | 104   | 8.4   | 1710.68  | 336.14  | 310.84  | 18.17 | 184.62  | 583.64                         | 32.97                          |
| SEX352    | 635725 | 8240482 | Rock | 665   | 17.72 | 10.11 | 0.91  | 23.88 | 3.69  | 322   | 1.66  | 433   | 196   | 63.64 | 28.7 | 34   | 3.54  | 1.41 | 88.9  | 7.4   | 1727.00  | 330.01  | 305.50  | 17.69 | 165.11  | 619.41                         | 41.52                          |
| SEX332    | 637025 | 8240782 | Rock | 521   | 23.4  | 11.56 | 2.02  | 33.66 | 4.27  | 334   | 1.6   | 382   | 251   | 73.88 | 41   | 24.7 | 4.83  | 1.67 | 125   | 10.7  | 1727.71  | 414.57  | 382.03  | 22.11 | 225.30  | 546.45                         | 30.16                          |
| SEX215    | 635825 | 8241782 | Rock | 322   | 29.65 | 13.29 | 6.95  | 44.27 | 5.21  | 399   | 1.66  | 162   | 352   | 79.9  | 52.9 | 8    | 7.13  | 1.66 | 146   | 10.7  | 1755.97  | 549.52  | 507.11  | 28.88 | 264.95  | 231.74                         | 9.77                           |
| SEX001    | 635944 | 8241257 | Rock | 550.2 | 28.4  | 15.5  | 2.1   | 24.55 | 5.6   | 368.6 | 2.5   | 526.7 | 205.1 | 64.4  | 33.3 | 25.8 | 4.5   | 2.6  | 145.5 | 19.66 | 1769.54  | 354.92  | 317.04  | 17.92 | 275.00  | 753.44                         | 31.50                          |
| SEX333    | 637125 | 8240782 | Rock | 564   | 22.69 | 12.51 | 2.3   | 35.58 | 4.5   | 385   | 1.89  | 308   | 269   | 79.18 | 44.7 | 15.9 | 4.93  | 1.63 | 115   | 8.9   | 1860.76  | 441.27  | 409.43  | 22.00 | 211.48  | 440.59                         | 19.42                          |
| SEX105    | 636625 | 8239729 | Rock | 736   | 25.87 | 13.48 | 1.15  | 30.02 | 4.68  | 384   | 1.93  | 299   | 230   | 73.61 | 34.9 | 20.6 | 4.8   | 1.89 | 116   | 12.5  | 2010.08  | 392.54  | 357.21  | 17.77 | 222.01  | 427.72                         | 25.15                          |
| SEX064    | 637125 | 8239829 | Rock | 676   | 21.12 | 8.09  | 1     | 32.18 | 3.06  | 433   | 1.68  | 496   | 290   | 89.56 | 41.7 | 48.2 | 4.41  | 1.23 | 76    | 8.3   | 2022.75  | 475.89  | 446.46  | 22.07 | 151.46  | 709.53                         | 58.86                          |
| SEX342    | 637225 | 8240882 | Rock | 837   | 20.25 | 11.49 | 2.02  | 29.79 | 4.31  | 511   | 1.75  | 397   | 261   | 86.51 | 35.9 | 24.3 | 4.46  | 1.64 | 108   | 8.4   | 2311.87  | 437.44  | 408.95  | 17.69 | 197.14  | 567.91                         | 29.67                          |
| SEX101    | 638825 | 8239529 | Rock | 793   | 45.28 | 22.22 | 9.65  | 56.57 | 7.86  | 399   | 2.9   | 584   | 344   | 94.11 | 62.9 | 41   | 8.53  | 3.15 | 176   | 20    | 2455.91  | 576.95  | 514.95  | 20.97 | 349.58  | 835.41                         | 50.07                          |
| SEX351    | 635625 | 8240482 | Rock | 720   | 25.75 | 11.71 | 1.86  | 54.96 | 4.76  | 802   | 1.91  | 375   | 482   | 146   | 65.6 | 33   | 6.9   | 1.4  | 119   | 7.5   | 2925.15  | 776.27  | 738.60  | 25.25 | 219.94  | 536.44                         | 40.30                          |
| SEX343    | 637325 | 8240882 | Rock | 598   | 30.3  | 12.84 | 4.23  | 60.05 | 5.43  | 860   | 1.79  | 197   | 530   | 169   | 75.5 | 11.7 | 7.76  | 1.56 | 159   | 7.7   | 3006.53  | 866.28  | 822.38  | 27.35 | 279.30  | 281.81                         | 14.29                          |
| SEX307    | 639123 | 8242487 | Rock | 1131  | 21.1  | 8.71  | 8.85  | 51.05 | 3.53  | 782   | 1.27  | 205   | 419   | 129   | 51.7 | 12   | 5.22  | 1.09 | 88.7  | 7.1   | 3247.84  | 674.94  | 644.58  | 19.85 | 167.77  | 293.25                         | 14.65                          |
| SEX073    | 636625 | 8239629 | Rock | 393   | 42.93 | 14.07 | 3.31  | 74.35 | 5.87  | 1103  | 1.5   | 149   | 655   | 198   | 81.7 | 9    | 9.36  | 1.68 | 180   | 9.8   | 3290.30  | 1063.50 | 1003.22   | 30.49 | 326.46  | 213.14                         | 10.99                          |
| SEX365    | 636925 | 8240482 | Rock | 1137  | 50.02 | 18.77 | 4.33  | 102   | 8.16  | 1675  | 1.89  | 319   | 916   | 284   | 116  | 17.7 | 11.95 | 2.19 | 258   | 12.9  | 5479.02  | 1483.01 | 1411.55   | 25.76 | 449.25  | 456.33                         | 21.61                          |
| SEX350    | 635525 | 8240482 | Rock | 1417  | 132   | 53.49 | 14.36 | 297   | 23.93 | 4187  | 5.74  | 264   | 2350  | 687   | 322  | 18.3 | 35.56 | 5.97 | 643   | 30.2  | 12100.75 | 3764.40 | 3571.07   | 29.51 | 1146.18 | 377.65                         | 22.35                          |

# JORC Code, 2012 Edition – Table 1 report template

## Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

| Criteria                     | JORC Code explanation  | Commentary   |
|------------------------------|--|--|
| <b>Sampling techniques</b>   | <ul style="list-style-type: none"> <li><i>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i></li> <li><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> <li><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></li> <li><i>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</i></li> </ul> | <ul style="list-style-type: none"> <li>Soils and rock chips were collected on a regular grid basis over area</li> <li>The samples will be representative of any mineralisation potentially within the area.</li> </ul> |
| <b>Drilling techniques</b>   | <ul style="list-style-type: none"> <li><i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i></li> </ul>   | <ul style="list-style-type: none"> <li>No drilling undertaken and therefore no drilling techniques are being reported</li> </ul>   |
| <b>Drill sample recovery</b> | <ul style="list-style-type: none"> <li><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></li> <li><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></li> <li><i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i></li> </ul>  | <ul style="list-style-type: none"> <li>No drilling undertaken and therefore no drill sample recoveries are being reported</li> </ul>   |
| <b>Logging</b>               | <ul style="list-style-type: none"> <li><i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical</i></li> </ul>  | <ul style="list-style-type: none"> <li>No drilling undertaken and therefore no geological and geotechnical logging is being reported</li> </ul>  |

| Criteria  | JORC Code explanation   | Commentary  |
|---|---|---|
|   | <p>studies.</p> <ul style="list-style-type: none"> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>   |   |
| <b>Sub-sampling techniques and sample preparation</b> | <ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the insitu material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul> | <ul style="list-style-type: none"> <li>No sub-sampling has been undertaken and therefore no reporting of sub-sampling techniques and sample preparation.</li> </ul>   |
| <b>Quality of assay data and laboratory tests</b>     | <ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>  | <ul style="list-style-type: none"> <li>All samples for geochemical analysis were dispatched to SGS commercial laboratory in Randfontein, Johannesburg, RSA for 4 acid ICP analysis.</li> <li>This is regarded as a near Total Digest and appropriate for the sample type.</li> <li>Elements analysed were: As, Be, Bi, Cd, Ce, Co, Cs, Dy, Er, Eu, Ga, Gd, Ge, Ho, In, La, Lu, Mo, Nb, Nd, Ni Pb, Pr, Rb, Re, Sb, Sm, Sn, Ta, Tb, Te, Th, Tl, Tm, U, Y &amp; Yb.</li> <li>Field duplicate samples or CRM were inserted nominally every 25 samples for quality control.</li> </ul> |
| <b>Verification of sampling and assaying</b>          | <ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>   | <ul style="list-style-type: none"> <li>No drilling undertaken therefore no verification of sampling intersections required.</li> </ul>  |
| <b>Location of data points</b>                        | <ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>   | <ul style="list-style-type: none"> <li>Albeit not to be used in Mineral resource Estimation, all sample locations determined by handheld GPS using WGS 84 datum in Zone 36S.</li> </ul>   |

| Criteria   | JORC Code explanation  | Commentary  |
|--|--|---|
| <b>Data spacing and distribution</b>                           | <ul style="list-style-type: none"> <li>• Data spacing for reporting of Exploration Results.</li> <li>• Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>• Whether sample compositing has been applied.</li> </ul>                               | <ul style="list-style-type: none"> <li>• Sample type and spacing are not designed to be used in an MRE because the sampling was of a reconnaissance nature.</li> <li>• No compositing has been applied.</li> </ul>  |
| <b>Orientation of data in relation to geological structure</b> | <ul style="list-style-type: none"> <li>• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>• If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul> | <ul style="list-style-type: none"> <li>• Sampling was conducted on a rectangular grid pattern to define the area of anomalism; with large variations in orientations of lithologies hosting the anomalism some biasing of results may occur where the grid pattern and lithologies align.</li> <li>• No drilling being reported.</li> </ul> |
| <b>Sample security</b>   | <ul style="list-style-type: none"> <li>• The measures taken to ensure sample security.</li> </ul>  | <ul style="list-style-type: none"> <li>• Samples will be transported with a signed Chain of Custody at every stage where they change hands until they reach the analysis laboratory at SGS, Johannesburg.</li> </ul>  |
| <b>Audits or reviews</b>                                       | <ul style="list-style-type: none"> <li>• The results of any audits or reviews of sampling techniques and data.</li> </ul>  | <ul style="list-style-type: none"> <li>• No audits or reviews have been undertaken by DY6 Metals staff.</li> </ul>  |

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

| Criteria                                       | JORC Code explanation  | Commentary  |
|--|--|---|
| <b>Mineral tenement and land tenure status</b> | <ul style="list-style-type: none"> <li>• Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>• The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul> | <ul style="list-style-type: none"> <li>• The Salambidwe EL (EL0518) is 24.9km<sup>2</sup> and is situated approximately 120 km southwest of Blantyre within the Chikwawa District. It was granted in November 2018 and was renewed for a further two-year period (till November 2025).</li> </ul> |
| <b>Exploration done by other parties</b>       | <ul style="list-style-type: none"> <li>• Acknowledgment and appraisal of exploration by other parties.</li> </ul>  | <ul style="list-style-type: none"> <li>• Globe Metals and Mining completed extensive ground geochemistry and radiometrics during 2011.</li> </ul>   |
| <b>Geology</b>                                 | <ul style="list-style-type: none"> <li>• Deposit type, geological setting and style of mineralisation.</li> </ul>  | <ul style="list-style-type: none"> <li>• The Salambidwe Project is located within the Chilwa Alkaline Province of southern Malawi, straddling the Mozambique border.</li> </ul>   |

| Criteria  | JORC Code explanation   | Commentary  |
|---|---|---|
|   |   | <p>The rocks of the Project area are characterised by the Salambidwe Ring Complex which comprises suite dominated by syenites and nepheline-syenites with a core of agglomeratic rocks. The Salambidwe Ring Complex forms part of the Chilwa Alkaline Suite which also hosts notable deposits such as the Kangankunde, Songwe and Tundulu carbonate deposits. The Salambidwe Ring Complex is approximately 6 km in diameter.</p> <ul style="list-style-type: none"> <li>The Riebeckite Syenite units are associated with high radiometric values indicative of elevated levels of thorium and uranium, which are generally associated with REE mineral occurrences in similar geological settings elsewhere.</li> </ul> |
| <b>Drill hole Information</b>                         | <ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul> | <ul style="list-style-type: none"> <li>No drilling undertaken and therefore no drillhole information is being reported.</li> </ul>  |
| <b>Data aggregation methods</b>                       | <ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>   | <ul style="list-style-type: none"> <li>No data aggregation methods are being used.</li> </ul>   |
| <b>Relationship between mineralisation widths and</b> | <ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there</li> </ul>   | <ul style="list-style-type: none"> <li>No drilling undertaken and therefore no mineralisation widths have been reported</li> </ul>  |

| Criteria                                  | JORC Code explanation  | Commentary  |
|---|--|---|
| <b>intercept lengths</b>                  | <i>should be a clear statement to this effect (eg 'down hole length, true width not known').</i>   |   |
| <b>Diagrams</b>                           | <ul style="list-style-type: none"> <li>• <i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i></li> </ul>  | <ul style="list-style-type: none"> <li>• Location maps of projects are within the release with relevant exploration contained.</li> </ul>   |
| <b>Balanced reporting</b>                 | <ul style="list-style-type: none"> <li>• <i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i></li> </ul>   | <ul style="list-style-type: none"> <li>• The reporting of exploration results is considered balanced by the competent person. The locations of samples are included in this release.</li> </ul>   |
| <b>Other substantive exploration data</b> | <ul style="list-style-type: none"> <li>• <i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i></li> </ul> | <ul style="list-style-type: none"> <li>• DY6 has completed airborne magnetic and radiometric surveys of the Salambidwe area.</li> <li>• During the ground geochemical sampling the area was geologically mapped and ground radiometric data was collected.</li> </ul> |
| <b>Further work</b>                       | <ul style="list-style-type: none"> <li>• <i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li>• <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>                              | <ul style="list-style-type: none"> <li>• Drill planning for the defined targets will be undertaken, further surface sampling and mapping will be completed if required.</li> </ul>  |