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_2O_5*
- *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.

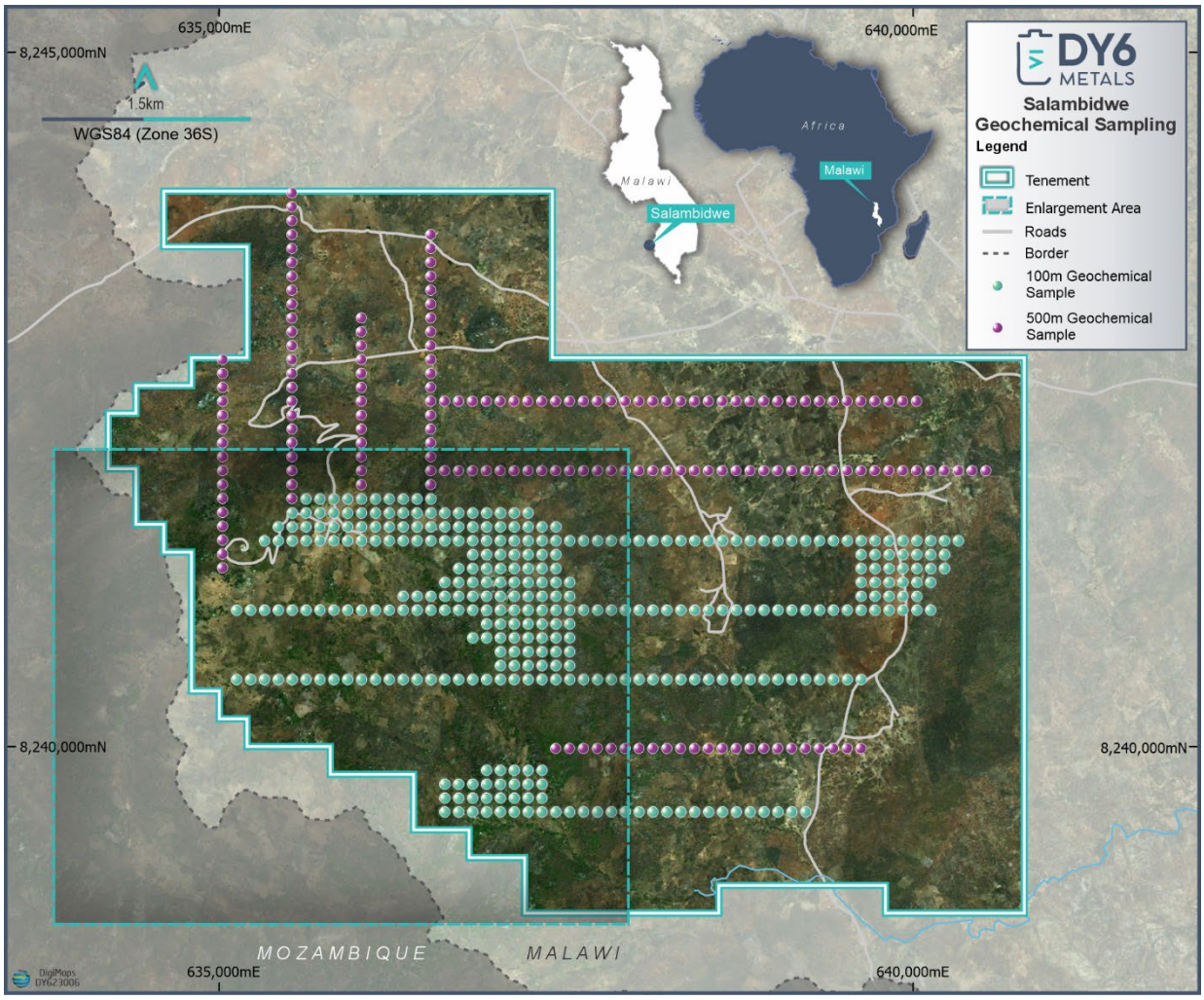

Figure 1: Geochemical sampling at Salambidwe prospect

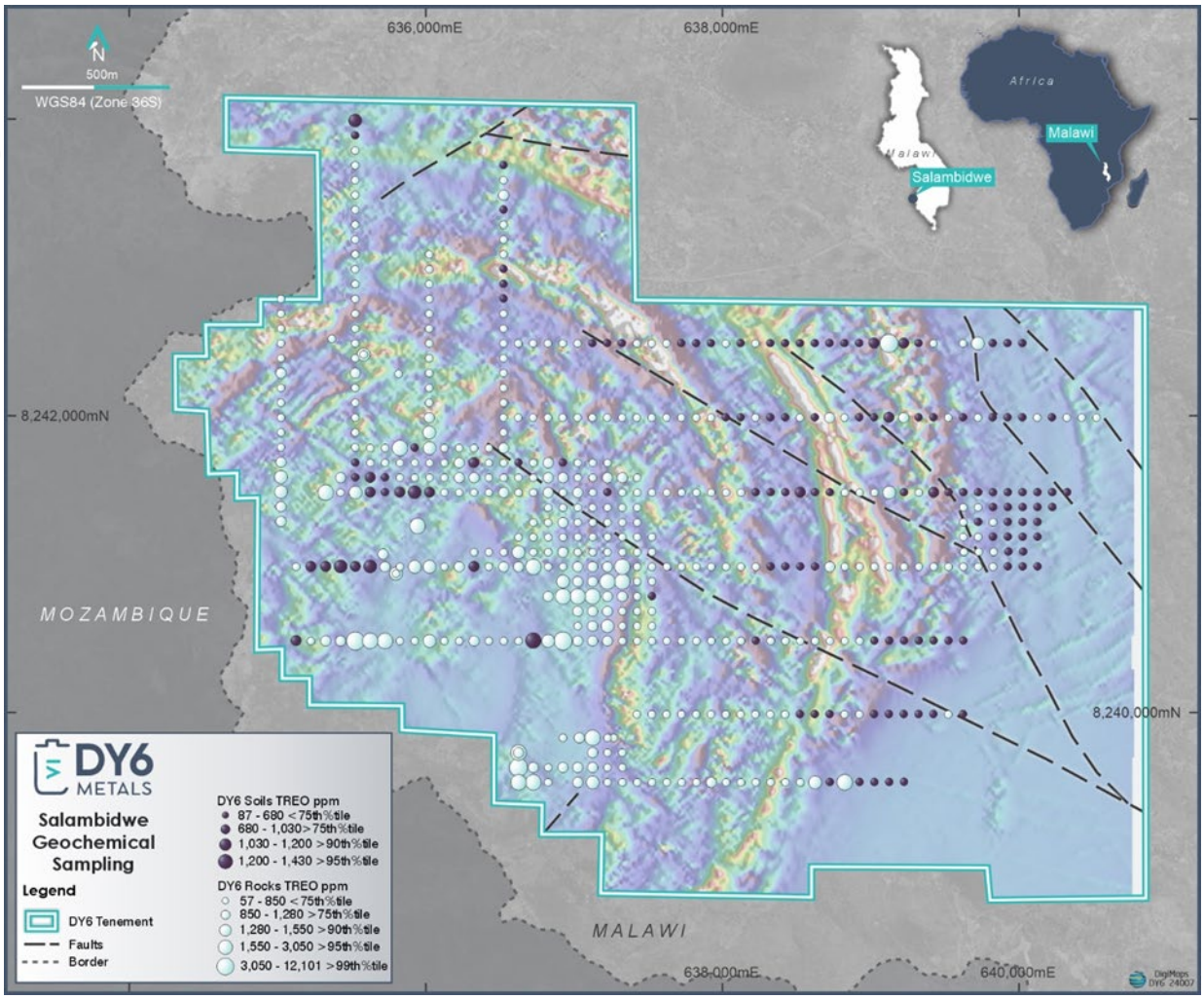

Figure 2: DY6 Anomalous TREO Responses on RTP1VD aeromagnetic data at Salambidwe

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.

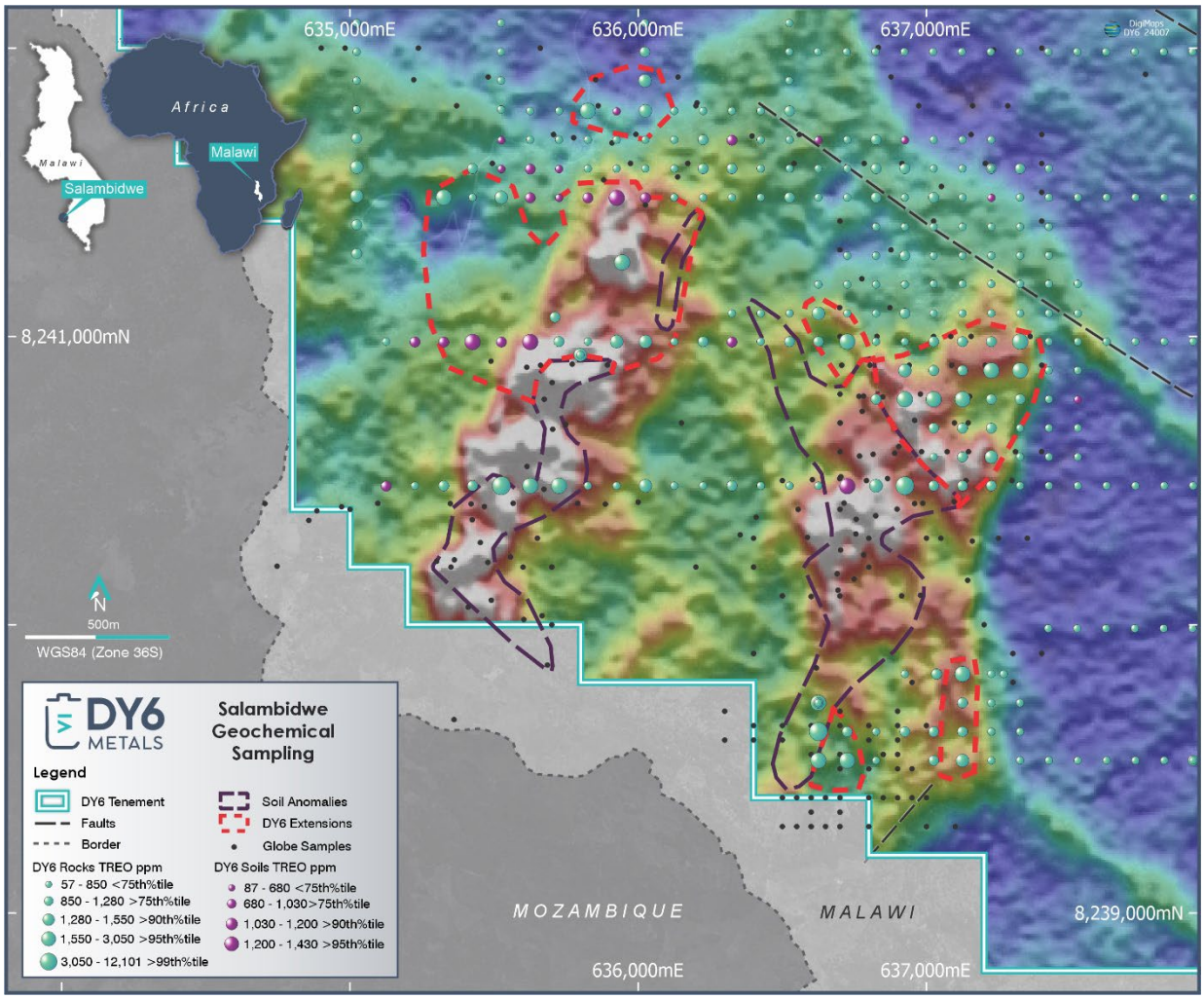

Figure 3: Enlarged Area from Figure 1 showing DY6 TREO Extensions to Historic Anomalous Zones on TC radiometric data at Salambidwe.

Nb_2O_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

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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)
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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
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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)
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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_2O_5 (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	$ND_2O_3+Pr_6O_{11}$	NdPr%	HREO	NB_2O_5	Ta_2O_5
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	8241682	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	$ND_2O_3+Pr_6O_{11}$	NdPr%	HREO	NB_2O_5	Ta_2O_5
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	6.6	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	$ND_2O_3+Pr_6O_{11}$	NdPr%	HREO	NB_2O_5	Ta_2O_5
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	$ND_2O_3+Pr_6O_{11}$	NdPr%	HREO	NB_2O_5	Ta_2O_5
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

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Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Soils and rock chips were collected on a regular grid basis over area • The samples will be representative of any mineralisation potentially within the area.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• No drilling undertaken and therefore no drilling techniques are being reported
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• No drilling undertaken and therefore no drill sample recoveries are being reported
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical*	• No drilling undertaken and therefore no geological and geotechnical logging is being reported

Criteria	JORC Code explanation	Commentary
	studies. • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the insitu material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• No sub-sampling has been undertaken and therefore no reporting of sub-sampling techniques and sample preparation.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• All samples for geochemical analysis were dispatched to SGS commercial laboratory in Randfontein, Johannesburg, RSA for 4 acid ICP analysis. • This is regarded as a near Total Digest and appropriate for the sample type. • 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 & Yb. • Field duplicate samples or CRM were inserted nominally every 25 samples for quality control.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• No drilling undertaken therefore no verification of sampling intersections required.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Albeit not to be used in Mineral resource Estimation, all sample locations determined by handheld GPS using WGS 84 datum in Zone 36S.

Criteria	JORC Code explanation	Commentary
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Sample type and spacing are not designed to be used in an MRE because the sampling was of a reconnaissance nature. • No compositing has been applied.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• 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. • No drilling being reported.
Sample security	• *The measures taken to ensure sample security.*	• 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.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews have been undertaken by DY6 Metals staff.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Salambidwe EL (EL0518) is 24.9km^2 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).
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Globe Metals and Mining completed extensive ground geochemistry and radiometrics during 2011.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Salambidwe Project is located within the Chilwa Alkaline Province of southern Malawi, straddling the Mozambique border.

Criteria	JORC Code explanation	Commentary
		The rocks of the Project area are characterised by the Salambidwe Ring Complex which comprises suite dominate 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. • 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.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• No drilling undertaken and therefore no drillhole information is being reported.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No data aggregation methods are being used.
Relationship between mineralisation widths and	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there*	• No drilling undertaken and therefore no mineralisation widths have been reported

Criteria	JORC Code explanation	Commentary
intercept lengths	*should be a clear statement to this effect (eg 'down hole length, true width not known').*	
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Location maps of projects are within the release with relevant exploration contained.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• The reporting of exploration results is considered balanced by the competent person. The locations of samples are included in this release.
Other substantive exploration data	• *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.*	• DY6 has completed airborne magnetic and radiometric surveys of the Salambidwe area. • During the ground geochemical sampling the area was geologically mapped and ground radiometric data was collected.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Drill planning for the defined targets will be undertaken, further surface sampling and mapping will be completed if required.