ASX ANNOUNCEMENT | 12 December 2023

EXTENSIVE SAMPLING AND GEOPHYSICAL PROGRAM IDENTIFIES HIGH-GRADE REE MINERALISATION AT BARROW CREEK IN NORTHERN TERRITORY

HIGHLIGHTS

- **Rock sampling campaign returns results including 11610 ppm TREO; 2507 ppm TREO and 2446 ppm TREO**
  - **Results correlate well with previous sampling including results up to 4553 ppm TREO; 2143 ppm TREO; 1243 ppm TREO; 1235 ppm TREO and 1091 ppm TREO**
- **High-definition geophysical surveys completed testing for extensions of previously identified and sampled high-grade rare earth element (REE) mineralisation**
  - **High-definition done magnetics, gravity and aerial hyperspectral data captured across the project area with a focus on REE mineralisation**
  - **Mineralogy on anomalous REE samples also completed**
- **Geophysical review identified two phases of granitoid intrusions with the contact margin between them constituting an area for potential REE enrichment**
  - **A coincident uranium anomaly (Radiometric) was also identified in the contact margin**

Askari Metals Limited (ASX: AS2) ("**Askari Metals**" or "**Company**") is pleased to announce the results from an extensive exploration program comprised of rock and soil sampling as well as high-definition geophysical and hyperspectral surveys completed at its 100%-owned Barrow Creek REE and Lithium Project in the Central Arunta Pegmatite Province of Northern Territory.

This phase of work targeted an area in the south-central part of the Barrow Creek REE and Lithium Project where exciting results of up to 4553ppm TREO were received from rock samples collected earlier this year *(refer to ASX announcement dated 25 January 2023)*.

Commenting on the results from the exploration program at Barrow Creek, Executive Director, Mr Gino D'Anna, stated:

"The Barrow Creek project has continued to deliver high-grade REE mineralisation at the South-Central project area. This extensive phase of exploration has provided further confirmation of the potential of the Barrow Creek project to host extensive high-grade REE mineralisation with the results correlating well with the previous sampling completed by the Company.

Mineralogical test work is also currently being completed which will provide the Company with insight into future processing options to determine the viability of the Barrow Creek project to produce a clean REE concentrate.

A follow-up exploration program is currently being planned for 2024 which will include a drilling program designed to test for extensions of the REE mineralisation beneath the surface. This work program will be executed during the 2024 field season concurrent with the exploration activities underway at the Uis Lithium Project, Namibia, which is targeting the resumption of drilling in early 2024.

Exploration at Barrow Creek Project

Earlier this year, the Company identified elevated Rare Earth Element concentrations *(refer the announcement of 25 January 2023)* in association with discrete pegmatite outcrops mapped on the flank of granite outcrops.

High-grade REE sampling results included up to 4553 ppm TREO; 2143 ppm TREO; 1243 ppm TREO; 1235 ppm TREO and 1091 ppm TREO from the previous exploration campaign.

Building on the success of the earlier exploration campaign, in August 2023, Askari completed an extensive exploration program at the Barrow Creek project comprised of 73 soil samples and 193 rock samples together with a thorough geophysical program including a high-definition drone magnetic survey, gravity survey and aerial hyperspectral survey.

The work programs were focused on the south-central project area of Barrow Creek project with the results providing further encouraging results warranting additional follow-up (refer to **Figure 1**).

Samples collected from the August 2023 work program were sent for multi-element analysis. Results from the rock sampling campaign include 4889 ppm TREO, 1848 ppm TREO and 1,771 ppm TREO amongst other high-grade results, while soil samples returned results including 234 ppm, TREO, 208 ppm TREO and 201 ppm TREO (refer to **Table 1** and **Table 2**).

Regional data review

The regional geophysical data for the area was reviewed to provide context for the broader scale geology of the project area. The data identified two different intrusive events in the project area: two smaller and older granitoid intrusives, followed by a much larger and later-stage (Younger) granitic body.

The older intrusions are interpreted to have been emplaced into the surrounding geology by displacing and folding strata to make way for themselves. They also exhibit slightly higher magnetic characteristics than the larger granitic body. Therefore, the smaller bodies are considered potentially granodioritic. The larger later-stage intrusive has a low and flat magnetic response. It is interpreted as a granite that pushed through the overlying strata and cut both them and the older granodiorite intrusives. It is believed that the contact margins between the older and younger granitic intrusions may have created conditions where REE mineralisation could occur. The area identified to contain REE mineralisation occurs entirely within this newly identified margin.

To help support this thesis, the review of the regional radiometric data identified a discrete uranium anomaly within the contact margin described above. No other similar anomalies are evident in the regional dataset of the area.

Figure 1 below depicts the two phases of intrusions and highlights the contact margins as well as the outline of the uranium anomaly from the radiometric dataset.

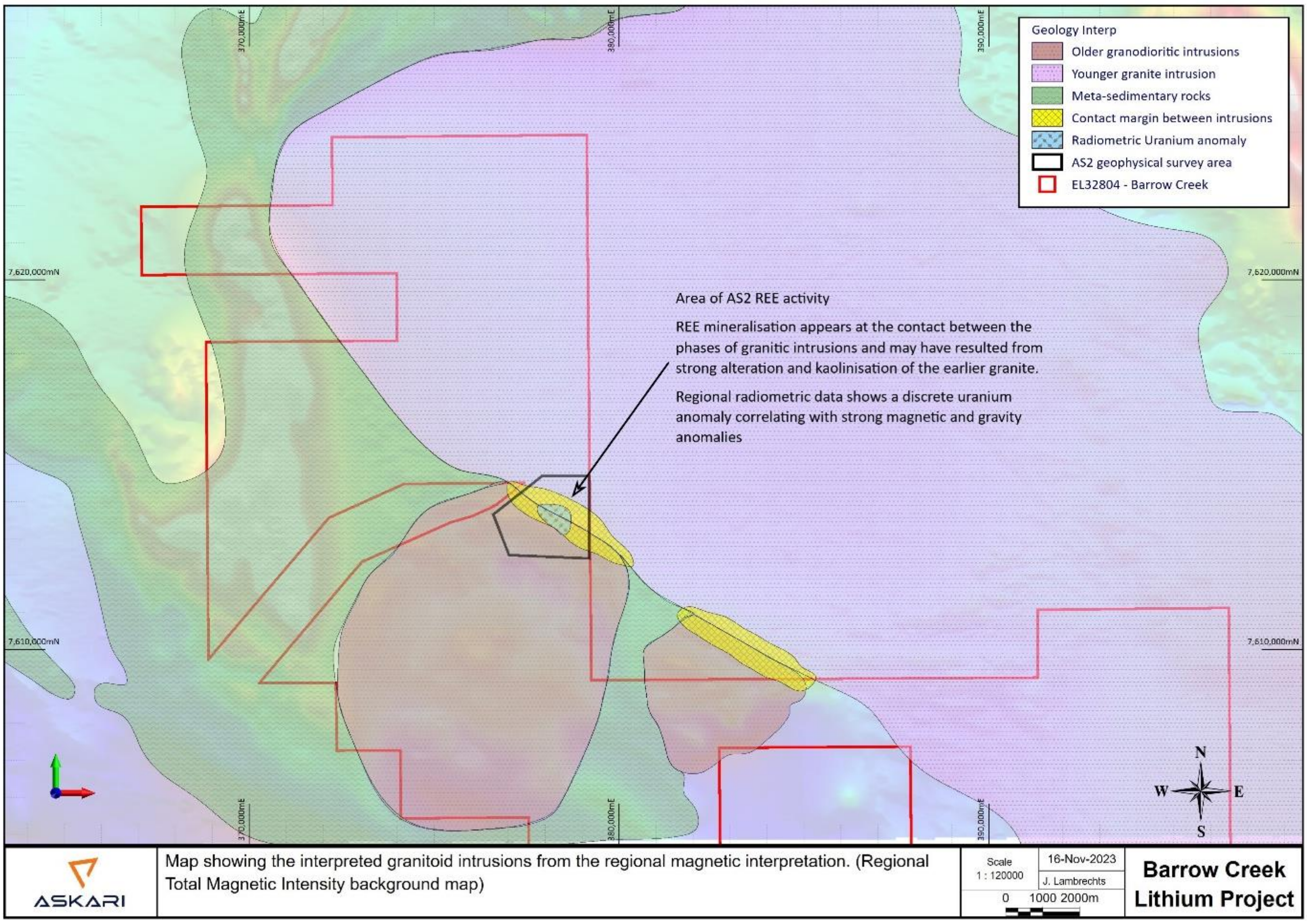

***Figure 1:** Map of the interpreted granitic intrusions, contact margin, and uranium anomaly*

Discussion of results

The samples were sent for complete multi-element geochemical analysis and the results were used to review several different mineralisation types and deposit styles for anomalism.

Sampling results

Earlier in the year, the Company identified elevated Rare Earth Element concentrations *(refer the announcement of 25 January 2023)* in association with discrete pegmatite outcrops mapped on the flank of granite outcrops.

To investigate the REE potential of the area, the Company embarked on a series of exploration activities that included the above-mentioned gravity, magnetic and hyperspectral surveys, as well as a soil sampling campaign, designed to test the extension of the REE mineralisation in close proximity to the target area and a rock chip sampling campaign testing any outcropping rocks in the area for REE anomalism.

Seventy-three soil samples were collected in areas that correlated with the interpreted structural trend of the mineralisation. The light rare earth elements (LREE) showed moderate anomalism in the soils, with most samples returning results representing their expected value given the depositional environment from where the samples were collected.

The results for the heavy rare earth element suite (HREE) collected from the soil samples echoed that of the LREE's with the exception that Ytterbium, Erbium and Dysprosium returned three, two and one samples, respectively, with values greater than twice their expected values. Table 1 below tabulates the top 15 soil sample results weighted against Total Rare Earth Oxide (TREO) results.

Table 1: *Table depicting the top fifteen soil sample results weighted for TREO*

Sample ID	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Total Light REO	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Ho_ppm	Er_ppm	Tm_ppm	Yb_ppm	Y_ppm	Lu_ppm	Sc_ppm	Total Heavy REO	Total Rare Earth Oxides	U_ppm	Th_ppm
ASK1169	42.9	96.2	12.0	48.7	233.9	10.6	2.0	11.4	1.5	10.0	2.1	6.5	0.9	6.5	62.3	0.9	11.0	139.4	373.3	6.8	12.5
ASK1108	31.9	90.7	9.7	39.5	200.9	9.5	1.9	10.6	1.7	10.5	2.2	7.0	0.9	7.2	63.0	0.9	15.0	140.2	341.1	5.8	16.1
ASK1172	45.3	90.2	10.3	40.1	217.7	7.9	1.3	8.0	1.1	6.5	1.3	4.0	0.6	4.3	43.7	0.6	11.0	96.3	314.0	7.0	17.8
ASK1130	35.7	75.7	9.4	37.0	184.7	7.8	1.3	8.3	1.2	7.3	1.5	4.7	0.6	4.9	41.4	0.6	8.0	96.4	281.2	7.5	10.9
ASK1117	28.1	59.5	7.2	28.5	144.4	6.4	1.4	7.8	1.3	8.9	2.1	7.1	1.0	7.5	64.7	1.0	12.0	133.1	277.4	10.4	11.6
ASK1107	29.3	65.0	8.1	33.2	158.7	7.3	1.4	7.7	1.2	7.5	1.6	5.3	0.7	5.7	45.6	0.7	11.0	102.9	261.6	12.3	16.5
ASK1106	29.5	63.1	7.8	31.2	154.0	7.1	1.4	7.9	1.2	7.7	1.6	5.5	0.8	6.0	47.5	0.7	10.0	106.1	260.1	11.3	14.3
ASK1102	32.1	63.2	7.7	30.3	156.1	6.2	1.1	6.6	1.0	6.4	1.4	4.9	0.7	5.4	46.8	0.7	9.0	98.9	255.1	10.6	14.3
ASK1132	37.2	72.7	8.7	34.3	179.0	6.8	1.0	6.7	0.9	5.3	1.0	3.2	0.4	3.4	30.8	0.4	7.0	72.9	251.9	6.5	9.9
ASK1103	33.9	68.3	8.5	33.2	168.4	6.8	1.1	6.9	1.0	5.8	1.2	3.9	0.5	4.2	34.9	0.5	9.0	80.9	249.3	2.2	11.6
ASK1135	33.4	66.4	8.3	31.6	163.5	6.6	1.0	6.6	1.0	5.6	1.1	3.7	0.5	3.9	32.5	0.5	6.0	76.4	239.9	9.1	8.7
ASK1168	31.2	62.3	7.8	30.1	153.8	6.3	1.1	6.4	0.9	5.9	1.2	3.8	0.6	4.1	37.2	0.6	8.0	82.7	236.5	7.2	6.6
ASK1133	31.4	67.1	8.1	30.8	160.9	6.6	1.0	6.6	0.9	5.4	1.1	3.3	0.4	3.6	29.1	0.4	7.0	70.8	231.7	5.2	11.6
ASK1101	26.9	60.1	6.7	25.6	139.6	5.7	1.1	6.1	0.9	5.9	1.2	4.2	0.6	4.5	38.3	0.6	10.0	83.8	223.5	2.3	12.9
ASK1166	33.0	64.2	7.9	30.7	159.0	6.0	0.9	5.6	0.8	4.4	0.9	2.7	0.4	3.0	27.6	0.4	6.0	64.0	223.0	7.1	13.3

One hundred and ninety-three rock samples were also collected on available rock exposures in the area. There is some light rare earth anomalism in the dataset dominated by cerium with a maximum result of 1954 ppm Ce and twelve samples returning results greater than five times the expected background value. Lanthanum, praseodymium and neodymium also show good anomalism, with six, six and five samples respectively, returning results greater than five times the expected value.

An exceptional total light rare earth element (TLREE) result of 4899ppm TREO was received from the dataset (refer to **Table 2 – ASK960**).

The Heavy Rare Earth Oxides also feature in the dataset led by ytterbium, dysprosium and samarium. Most of the heavy rare earth element suite have at least ten samples in the dataset that returned results more than five times the expected values.

The maximum total heavy rare earth element (THREE) results received is 6721 ppm THREE. One sample stands out with a maximum of TREO results of 11610 ppm TREO, including 4889 ppm TLREO (Total Light Rare Earth Oxides) and 6721 ppm THREE (Total heavy Rare Earth Oxides). Seven rock samples returned results greater than 1277 ppm TREO (five times the expected TREO). Spatial correlation with the samples is high, with all of the anomalous rock samples being collected within an eighty-meter radius of each other.

Table 2: *Table of the top fifteen sample results from the rock sampling campaign*

Sample ID	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	Total Light REO	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Ho_ppm	Er_ppm	Tm_ppm	Yb_ppm	Y_ppm	Lu_ppm	Sc_ppm	Total Heavy REOs	Total Rare Earth Oxides	U_ppm	Th_ppm
ASK960	729.7	1954.4	256.1	1238.4	4889.1	338.1	68.2	491.6	90.4	567.8	117.7	332.4	49.7	319.6	3099.7	48.5	41.0	6720.5	11609.7	209.0	35.6
ASK1099	229.8	722.8	102.6	459.1	1771.6	106.8	17.0	86.0	13.2	69.2	11.7	32.3	4.1	28.5	241.7	4.1	22.0	736.1	2507.7	27.8	27.0
ASK1211	266.0	772.7	104.6	436.5	1848.6	90.0	14.7	77.7	11.6	59.0	9.8	25.0	3.0	20.0	186.2	2.7	29.0	597.5	2446.1	38.2	30.0
ASK939	148.0	357.5	40.6	191.9	863.6	49.1	9.9	55.9	9.9	61.6	12.9	37.5	5.1	36.3	315.8	5.7	26.0	726.9	1590.5	20.9	5.8
ASK1097	225.5	519.0	67.0	278.3	1275.2	61.6	9.7	45.9	6.6	30.1	4.7	11.0	1.3	7.6	81.1	1.0	98.0	309.9	1585.1	16.0	32.5
ASK1095	185.0	458.6	63.5	265.4	1138.0	61.5	10.1	49.0	7.4	35.7	6.2	16.1	2.0	12.3	143.2	1.8	30.0	414.7	1552.8	23.9	32.4
ASK958	171.5	360.1	43.9	183.1	887.9	43.4	7.2	44.8	7.6	43.9	8.4	23.2	3.3	21.3	191.7	3.4	33.0	480.8	1368.6	16.1	9.3
ASK953	77.4	288.9	33.3	155.3	649.3	40.4	6.6	42.2	8.0	50.2	11.1	33.7	4.7	33.8	276.9	5.4	30.0	622.7	1272.0	24.6	23.7
ASK959	76.4	271.3	39.2	177.4	660.0	49.7	8.5	49.3	9.1	53.5	10.5	29.4	4.4	28.2	224.0	4.3	34.0	568.1	1228.1	26.2	7.3
ASK1218	124.4	395.5	50.5	192.6	892.7	41.6	6.5	35.3	5.5	26.2	4.8	11.7	1.5	9.3	100.7	1.3	35.0	293.4	1186.2	37.2	33.2
ASK961	89.8	270.4	36.8	163.7	656.0	42.9	7.5	45.1	8.5	50.7	9.7	27.4	4.1	26.3	188.2	3.9	37.0	498.9	1154.9	21.4	8.2
ASK1098	141.1	361.6	47.0	187.8	863.1	40.2	6.0	28.0	4.1	19.5	3.2	8.3	1.1	6.7	62.1	0.9	22.0	215.0	1078.0	15.7	30.1
ASK1039	47.1	127.7	24.8	142.1	399.6	40.4	4.0	43.5	8.7	39.5	8.3	21.2	2.7	14.6	274.7	2.5	5.0	562.1	961.6	20.7	33.8
ASK1075	199.2	459.9	32.1	86.5	910.7	10.7	1.6	9.5	1.0	4.6	0.7	1.6	0.2	1.2	11.2	0.2	17.0	50.2	960.8	2.1	7.2
ASK1206	97.9	342.0	45.6	178.1	776.4	37.4	5.6	27.4	4.0	18.2	2.7	6.7	0.8	5.1	42.3	0.7	24.0	178.8	955.2	54.2	26.6

Another important correlation of this dataset is that all the anomalous samples correlate very closely with the geophysical anomalies mentioned above, namely the radiometric uranium, gravity, and magnetic anomalies. All the anomalous samples also lie within the contact margin described above. **Figure 2** depicts the samples collected on the project and highlights the samples with TREO results above 1000 ppm TREO.

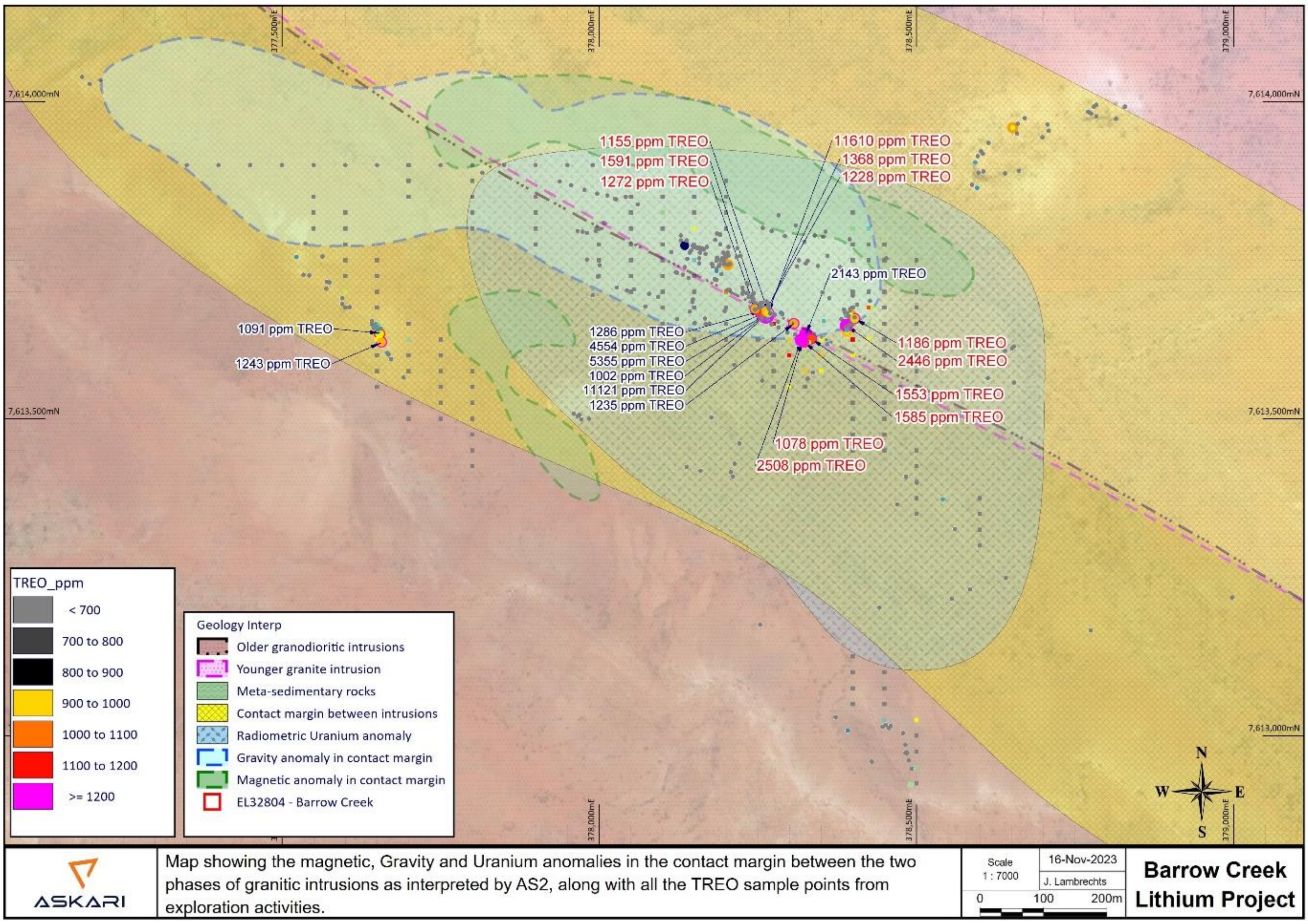

Figure 2: *Map depicting the anomalous sample results in correlation with the prospect area's magnetic, gravity and radiometric uranium anomalies*

DH Aerial Hyperspectral Survey

An aerial hyperspectral survey was also flown over the Barrow Creek project as well as surrounding areas and processed by the HyVista Corporation. Final targeting analysis has yet to be completed on the data, but some useful datasets are already available for use, such as the spectral maps of the various minerals and assemblages and crystallinity maps. The Illite and muscovite maps may be helpful in identifying areas with felsic and potentially pegmatite rocks. Further investigation is required and is planned for the future.

Figure 3 Below depicts the Illite crystallinity map of the Barrow Creek project.

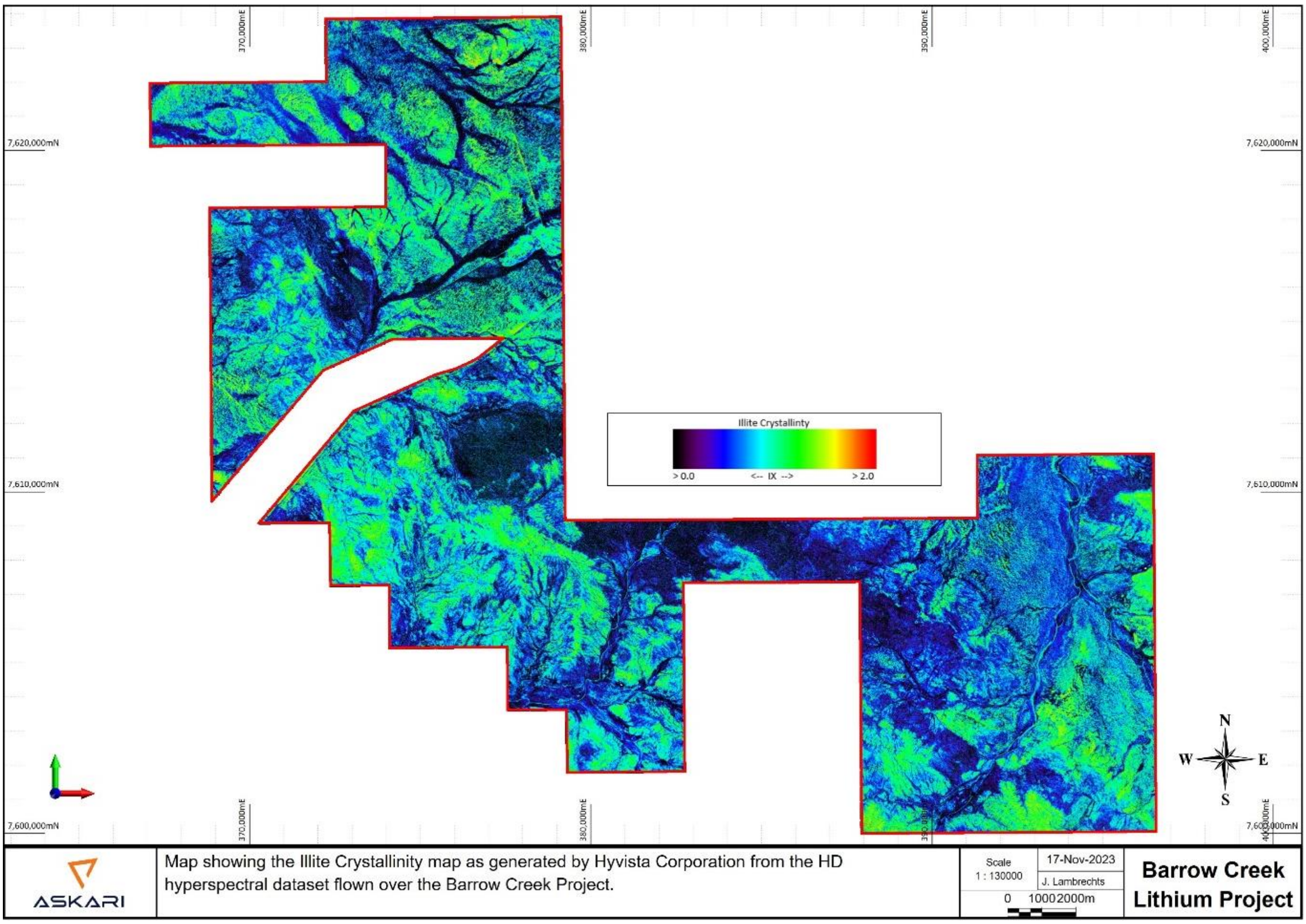

Figure 3: *Illite crystallinity map of the Barrow Creek project*

Gravity Survey

The gravity survey acquired by Atlas Geophysics comprised 466 stations collected on 100m x 100m centres over the area identified for Rare Earth Element (REE) prospectivity. The data was reviewed and interpreted by NewGenGeo to help understand the gravimetric characteristics of the area.

The area associated with the REE mineralisation exhibits a discrete gravity (high) anomaly, which correlates spatially with a very discrete uranium anomaly identified from the regional radiometric data. The radiometric uranium anomaly was validated in the field with a scintillometer reading values as high as 1200-1500 cps, and assay data also validated the elevated uranium results for some samples collected in the area.

Figure 4 below shows the gravity dataset acquired on the Barrow Creek project and the uranium anomaly identified from the radiometric data and the contact margin.

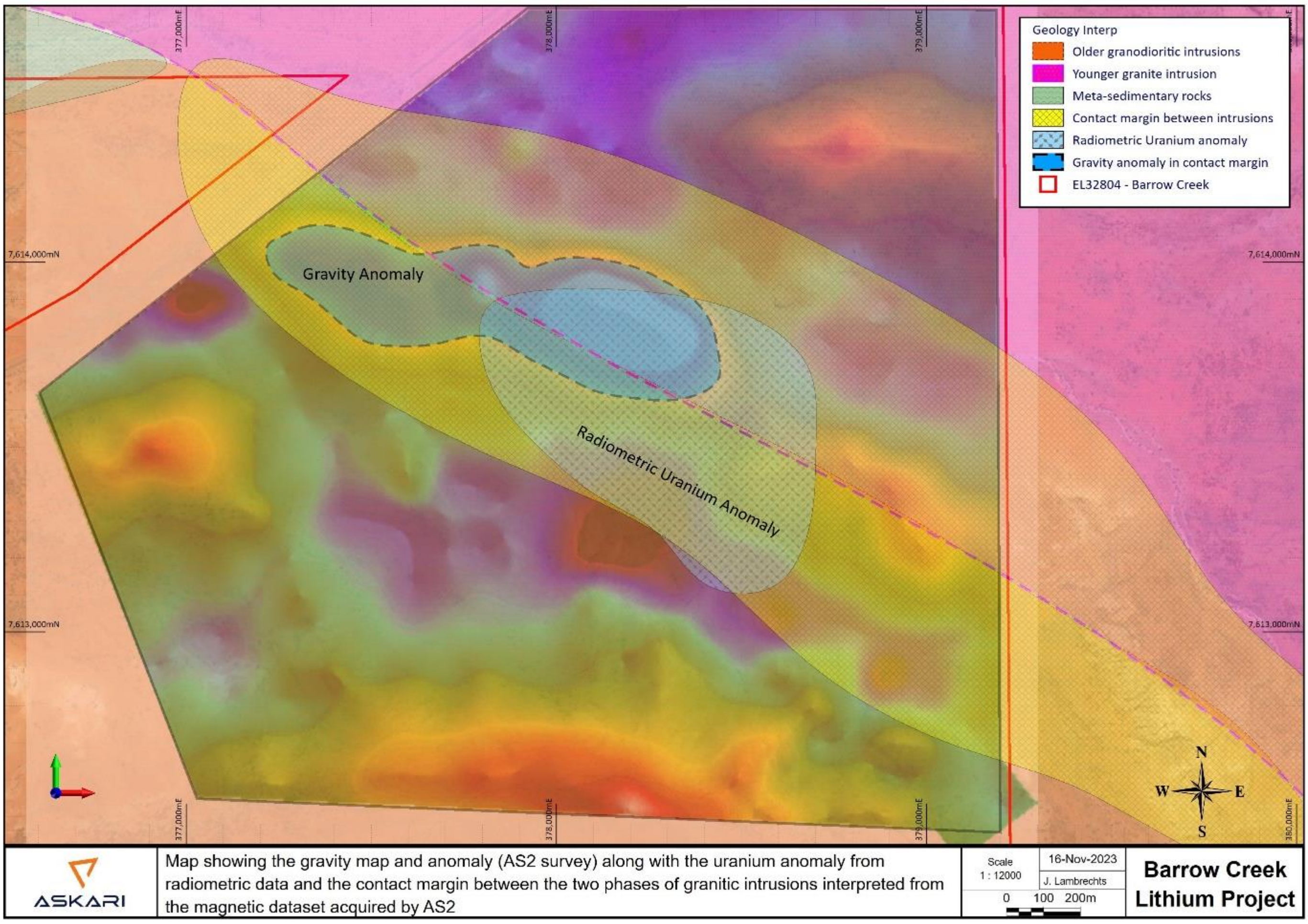

***Figure 4:** Map showing the gravity anomaly associated with the radiometric uranium anomaly in the contact margin of the two intrusive phases on the Barrow Creek project*

HD Drone Magnetic Survey

The drone magnetic survey was acquired by Pegasus Airborne Systems, comprising 210-line km, acquired with 25m line spacing and 25m sensor height and covering an area of ~4.7km^2. NewGenGeo interpreted the drone magnetic data.

The regional data review identified the presence of two separate stages of granitic emplacement in the area. It highlighted the potential importance of the contact margin for potential REE mineralisation. The high-definition drone magnetic survey provided additional information that could be used to identify specific areas presenting anomalous magnetic characteristics concerning the surrounding area. One such area in the contact margin is a magnetic high that stands out from the surrounding data.

Figure 5 below depicts this magnetic anomaly associated with the gravity and radiometric anomalies previously described.

Information obtained from the geophysical surveys suggests that the area proximal to the Barrow Creek project demonstrates that the granitic features are dominate geological structures that are closely associated with the host rock for the REE mineralisation.

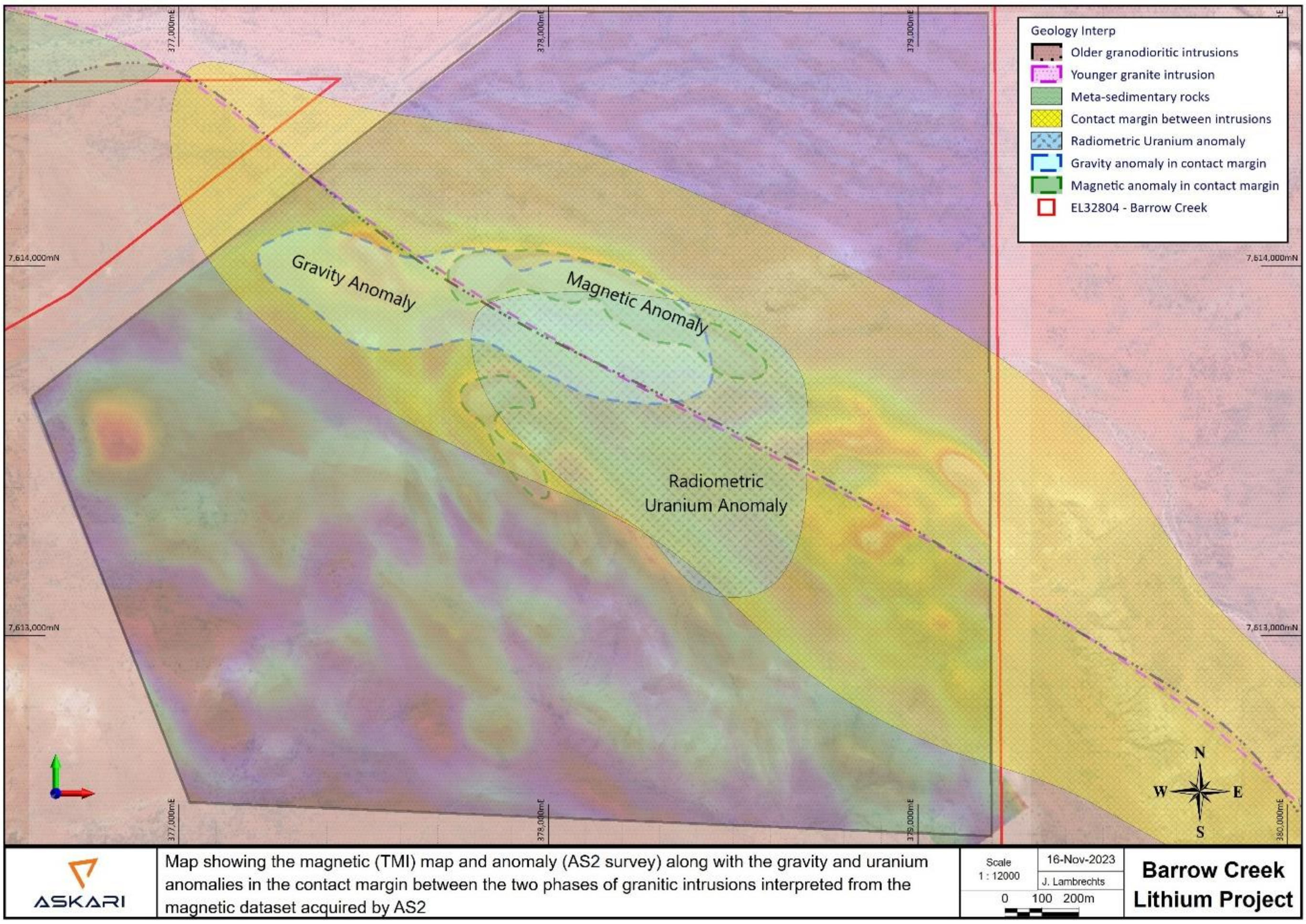

***Figure 5:** Map depicting the Gravity, radiometric uranium and magnetic anomalies in the REE prospect area of the Barrow Creek project*

Mineralogy

Six samples from the REE prospect area containing more than 1000 ppm TREO were sent for TIMA automated mineralogy analysis. All the samples are strongly kaolinite altered with quartz, biotite, and kaolinite as dominant minerals, with less abundant Fe-Ti oxides and relict Feldspar. Rare Ce-Monazites occur in three samples, while three others (one overlapping sample) contain fine-grained xenotime containing trace dysprosium. The mineralogy report concluded that the samples contain Ce-Monazite and Xenotime at normal crustal abundance.

Future Work

The Company is focused on exploration activities on its flagship Uis Lithium Project, Namibia, activities on the Australian projects will continue to be explored in proportion to their relative priority in the overall Company project portfolio and as per Board direction. Future activities on the Barrow Creek project would include a small drilling program designed to test for extensions of the REE mineralisation beneath the surface.

This announcement is authorised for release by the executive board.

- ENDS -

FOR FURTHER INFORMATION PLEASE CONTACT

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ABOUT ASKARI METALS

Askari Metals was incorporated for the primary purpose of acquiring, exploring and developing a portfolio of high-grade battery (Li + Cu) and precious (Au + Ag) metal projects across Namibia, Western Australia, Northern Territory and New South Wales. The Company has assembled an attractive portfolio of lithium, copper, gold and copper-gold exploration/mineral resource development projects in Western Australia, Northern Territory, New South Wales and Namibia.

For more information please visit: www.askarimetals.com

CAUTION REGARDING FORWARD-LOOKING INFORMATION

This document contains forward-looking statements concerning Askari Metals Limited. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes.

Forward looking statements in this document are based on the Company's beliefs, opinions and estimates of Askari Metals Limited as of the dates the forward-looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

COMPETENT PERSONS STATEMENT

The information in this report that relates to Exploration Targets, Exploration Results or Mineral Resources is based on information compiled by Johan Lambrechts, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr. Lambrechts is a full-time employee of Askari Metals Limited, who has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Lambrechts consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Barrow Creek Lithium Project, Northern Territory (AS2 – 100%)

The Barrow Creek Lithium Project (**BCL Project**) is located in the Northern Arunta Pegmatite Province of Central Northern Territory, with the Stuart Highway cutting across the project. The BCL Project is also located within 20 km of the Central Australia Railway line, which links Darwin and Adelaide, thereby providing additional transportation options for the future development of the BCL Project.

The project covers 278km^2 within the highly prospective Northern Arunta Pegmatite Province, known for hosting extensive pegmatites and is highly prospective for Spodumene dominated hard-rock Lithium mineralisation.

The BCL Project is surrounded by tenements associated with Core Lithium Limited (ASX: CXO) and Lithium Plus and is proximal to several known Lithium-Tin-Tantalum occurrences. These also share similar geological settings with the BCL Project. Highly fractionated pegmatites have been mapped and documented in government reports in this region, but limited exploration has been undertaken in the BCL Project area.

The project's location, its under-explored nature and the numerous mineralised occurrences nearby point to significant exploration upside for the BCL Project.

The pegmatites of the Barrow Creek Pegmatite Field have yielded historical discoveries of Sn-Ta-W; however, before investigation by government geologist Frater in 2005, no historical exploration had considered the potential for Lithium (Li) mineralisation. Structures most likely associated with numerous W to NW trending faults interpreted from geophysical data and mapped by Bagas and Haines (1990), Haines et al. (1991), and Donnellan (2008) also impact the mineralisation potential of the area positively. A potential crustal-scale structure interpreted through the region may also act as a fluid pathway and conduit for a heat engine.

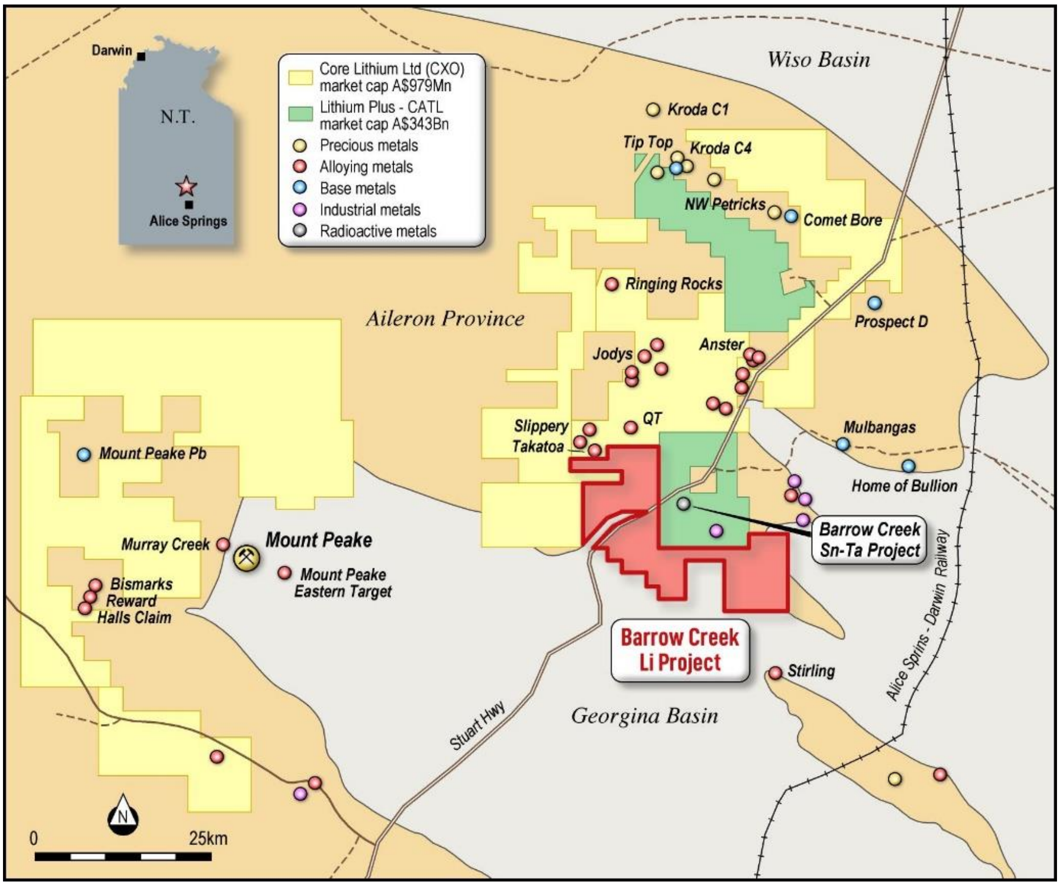

Figure 2: Simplified location map with known Lithium-Tin-Tantalum occurences around the Barrow Creek Lithium Project (red)

Appendix 1 – JORC Code, 2012 Edition, Table 1 report

Section 1 Sampling Techniques and Data (Criteria in this section applies 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.	Random rock and soil samples Samples are clear of organic matter.
Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details.	Not Applicable
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed.	Not Applicable
Logging	• Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource Estimation, mining studies and metallurgical studies.	Samples were logged with comments in the field before being placed into Calico bags.
Sub-sampling techniques and sample preparation	• For all sample types, the nature, quality and appropriateness of the sample preparation technique.	All samples are crushed and then pulverised in a ring pulveriser (LM5) to a nominal 90% passing 75 micron. An approximately 100g pulp sub-sample is taken from the large sample and residual material stored. A quartz flush (approximately 0.5 kilogram of white, medium-grained sand) is put through the LM5 pulveriser prior to each new batch of samples. A number of quartz flushes are also put through the pulveriser after each massive sulphide sample to ensure the bowl is clean prior to the next sample being processed. A selection of this pulverised quartz flush material is then analysed and reported by the lab to gauge the potential level of contamination that may be carried through from one sample to the next.

Criteria	JORC Code explanation	Commentary
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. • 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 AS2 samples were submitted to North Australian Laboratories . The samples were sorted, wet weighed, dried then weighed again. Primary preparation involved crushing and splitting the sample with a riffle splitter where necessary to obtain a sub-fraction which was pulverised in a vibrating pulveriser. All coarse residues have been retained. The samples have been analysed by a 40g lead collection fire assay as well as multi acid digest with an Inductively Coupled Plasma (ICP) Optical Emission Spectrometry finish for multi elements The lab randomly inserts analytical blanks, standards and duplicates into the client sample batches for laboratory QAQC performance monitoring. AS2 also inserted Certified Reference Material (CRM) samples and certified blanks, to assess the accuracy and reproducibility of the results. All of the QAQC data has been statistically assessed to determine if results were within the certified standard deviations of the reference material. If required a batch or a portion of the batch may be re-assayed. (no re-assays required for the data in the release).
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data.	An internal review of results was undertaken by Company personnel. No independent verification was undertaken at this stage. Validation of both the field and laboratory data is undertaken prior to final acceptance and reporting of the data. Quality control samples from both the Company and the Laboratory are assessed by the Company geologists for verification. All assay data must pass this data verification and quality control process before being reported.
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.	Samples were collected and GPS located in the field using a hand-held GPS.

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.	The samples reported in this announcement were collected on outcrops (Rocks) or soil samples by a field geologist.
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.	Not Applicable
Sample security	• The measures taken to ensure sample security.	All samples were collected and accounted for by AS2 employees. All samples were bagged into calico bags. Samples were transported to Perth from the site by AS2 employees and courier companies. The appropriate manifest of sample numbers and a sample submission form containing laboratory instructions were submitted to the laboratory. Any discrepancies between sample submissions and samples received were routinely followed up and accounted for.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	No audits have been conducted on the historical data to our knowledge. NOTE: No historic Lithium data is available on this tenement.

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 license to operate in the area.	The Barrow Creek Lithium Project currently comprises one exploration licence application covering 278 km^2. The tenement application is held 100% by Consolidate Lithium Trading Pty Ltd, which is an unrelated vendor that the Company has entered into an option acquisition agreement to acquire ELA 32804. No aboriginal sites or places have been declared or recorded in areas where Askari Metals is intending to explore. There are no national parks over the license area. Before substantial exploration can proceed, a survey will be required to ensure there are no aboriginal sites are located in areas where the Company intends to explore. Askari Metals has engaged Austwide Tenement Management Services to manage the EL application and the Company has noted that the tenement application is in good standing with no known impediments.
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	Limited exploration on Lithium in this region. No drilling for Lithium has not been previously reported compliant with the JORC Code (2012) for reporting exploration results and Mineral Resources
Geology	• Deposit type, geological setting and style of mineralisation.	The Arunta Region is a large multi-deformed and variably metamorphosed terrane on the southern margin of the North Australian Craton (NAC) with variable deformation, episodes of multiple magmatic activity and metamorphic overprint. Magmatic activity in the Palaeoproterozoic was extensive and in some areas, repetitive. Both syn- and post-magmatic activity resulted in pulses of felsic and mafic magmatism that extended over long periods. At any one time, deep-level granite emplacement, deformation, volcanism and sedimentation commonly occurred in different areas of the Arunta Region. The known tin-tantalum and potentially Lithium pegmatite fields are on northern margin of the Arunta Region. Their location on craton margins is typical of Proterozoic terranes. The Sn-Ta mineralised pegmatites at the Barrow Creek pegmatite area typically occur in linear swarms and range in size from a few metres long and less than a metre wide up to hundreds of metres long and tens of metres wide. Their shape is typically tabular or pod-

Criteria	JORC Code explanation	Commentary
		like and their orientation is steep to sub-horizontal. Although the pegmatites are commonly parallel to the regional fabric, in detail, they transgress both bedding and foliation. Structural evidence suggests that the pegmatites are late- to post-tectonic, with emplacement being relatively passive. A highly variable and frequently nonpenetrative brittle-ductile style of deformation is evident, with zones of well-developed brittle-ductile deformation commonly bounding windows of undeformed or mildly deformed pegmatite. The bulk mineralogy of surface pegmatites is typically quartz, muscovite, kaolinite, cassiterite, tantalite and columbite. Beryl, Spodumene and amblygonite may occur, but are not common. Mineralisation occurs in local pods within the typically barren granite, in pegmatitic phases within the granite and in highly fractionated pegmatites surrounding the granite.
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:	Not Applicable
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.	Total Rare Earth Oxides were calculated for comparison. The formulae used is: Total Rare Earth Oxide = La2O3 + Ce2O3 + Pr2O3 + Nd2O3 + Sm2O3 + Eu2O3 + Gd2O3 + Tb2O3 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Y2O3 + Lu2O3 Oxides were calculated using standard conversion factors. HREO (Heavy Rare Earth Oxide) = Sm2O3 + Eu2O3 + Gd2O3 + Tb2O3 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3, + Y2O3 + Lu2O3 LREO (Light Rare Earth Oxide) = La2O3 + Ce2O3 + Pr2O3 + Nd2O3 Oxide conversion calculation - La x 1.1728, Ce x 1.1713,Pr x 1.1703,Nd x 1.1664,Sm x 1.1596,Eu x 1.1579,Gd x 1.1526,Tb x 1.151,Dy x 1.1477,Ho x 1.1455,Er x 1.1435,Tm x 1.1421,Yb x 1.1387,Y x 1.2699,Lu x 1.1371
Relationship between mineralisation widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	Not Applicable

Criteria	JORC Code explanation	Commentary
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Diagrams are included in the body of the document
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 results.	All results reported are exploration results in nature.
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.	Assessment of other substantive exploration data is not yet complete; however, it is considered immaterial at this stage due to the lack of exploration for Lithium or REEs.
Further work	• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	Follow up work programmes will be subject to the interpretation of recent and historical results which is ongoing, and as set out in the announcement

Appendix 2: Table of soil assay results pertaining to this announcement

Sample ID	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	TLREO	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Ho_ppm	Er_ppm	Tm_ppm	Yb_ppm	Y_ppm	Lu_ppm	Sc_ppm	TREO	THREO	U_ppm	Th_ppm
ASK1101	26.9	60.1	6.7	25.6	139.6	5.7	1.1	6.1	0.9	5.9	1.2	4.2	0.6	4.5	38.3	0.6	10.0	83.8	223.5	6.8	12.5
ASK1102	32.1	63.2	7.7	30.3	156.1	6.2	1.1	6.6	1.0	6.4	1.4	4.9	0.7	5.4	46.8	0.7	9.0	98.9	255.1	5.8	16.1
ASK1103	33.9	68.3	8.5	33.2	168.4	6.8	1.1	6.9	1.0	5.8	1.2	3.9	0.5	4.2	34.9	0.5	9.0	80.9	249.3	7.0	17.8
ASK1104	22.7	48.4	5.7	22.0	115.8	4.8	0.9	5.0	0.8	4.7	1.0	3.4	0.5	3.5	28.5	0.5	6.0	65.0	180.7	7.5	10.9
ASK1105	18.0	39.0	5.0	19.7	95.5	4.3	0.9	4.7	0.8	4.8	1.0	3.5	0.5	4.0	29.1	0.5	8.0	65.7	161.2	10.4	11.6
ASK1106	29.5	63.1	7.8	31.2	154.0	7.1	1.4	7.9	1.2	7.7	1.6	5.5	0.8	6.0	47.5	0.7	10.0	106.1	260.1	12.3	16.5
ASK1107	29.3	65.0	8.1	33.2	158.7	7.3	1.4	7.7	1.2	7.5	1.6	5.3	0.7	5.7	45.6	0.7	11.0	102.9	261.6	11.3	14.3
ASK1108	31.9	90.7	9.7	39.5	200.9	9.5	1.9	10.6	1.7	10.5	2.2	7.0	0.9	7.2	63.0	0.9	15.0	140.2	341.1	10.6	14.3
ASK1109	15.2	44.3	5.1	21.5	100.6	5.4	1.1	6.2	1.1	6.9	1.4	4.7	0.6	4.8	35.4	0.6	15.0	82.7	183.3	6.5	9.9
ASK1110	24.1	48.0	5.4	19.9	114.0	4.0	0.8	3.9	0.5	3.2	0.6	2.0	0.3	2.2	19.5	0.3	7.0	45.2	159.2	2.2	11.6
ASK1111	18.3	40.6	5.2	21.6	100.3	5.0	1.1	5.9	1.1	6.5	1.4	4.8	0.7	5.4	37.4	0.6	5.0	84.8	185.1	9.1	8.7
ASK1112	6.1	15.1	1.9	7.4	35.7	1.8	0.4	2.1	0.4	2.6	0.6	2.0	0.3	2.5	14.1	0.3	4.0	32.7	68.4	7.2	6.6
ASK1113	18.8	39.2	5.1	19.7	96.9	4.1	0.8	4.3	0.6	4.1	0.9	2.9	0.4	3.2	24.0	0.4	9.0	55.5	152.3	5.2	11.6
ASK1114	25.1	47.8	5.6	21.0	116.4	3.9	0.6	3.7	0.5	2.9	0.6	1.9	0.3	2.0	18.0	0.3	8.0	42.1	158.5	2.3	12.9
ASK1115	18.4	43.0	5.1	20.2	101.4	4.5	0.8	4.8	0.8	4.8	1.0	3.4	0.5	3.9	27.7	0.5	8.0	63.8	165.2	7.1	13.3
ASK1116	25.1	51.5	6.4	24.5	125.9	5.1	1.1	5.4	0.8	5.1	1.1	3.7	0.5	4.1	33.0	0.5	9.0	73.3	199.2	5.6	13.5
ASK1117	28.1	59.5	7.2	28.5	144.4	6.4	1.4	7.8	1.3	8.9	2.1	7.1	1.0	7.5	64.7	1.0	12.0	133.1	277.4	6.1	15.9
ASK1118	21.1	43.0	5.1	19.8	104.2	4.1	0.8	4.2	0.6	3.7	0.8	2.5	0.4	2.8	22.9	0.3	8.0	52.3	156.5	3.1	11.5
ASK1119	29.0	59.7	7.3	27.8	144.9	5.7	1.0	5.7	0.8	4.9	1.0	3.5	0.5	3.8	30.4	0.5	9.0	70.0	214.9	6.1	15.3
ASK1120	14.9	32.7	3.9	18.6	82.0	3.4	0.7	3.5	0.5	3.8	0.7	2.3	0.3	2.5	18.4	0.3	5.0	44.1	126.0	4.8	8.9
ASK1121	13.0	28.2	3.7	14.5	69.4	3.3	0.7	3.6	0.6	3.7	0.8	2.7	0.4	3.0	19.6	0.4	7.0	46.8	116.3	5.0	8.0
ASK1122	15.0	35.2	3.8	14.8	80.5	3.5	0.8	3.7	0.6	3.8	0.8	2.7	0.4	2.9	22.3	0.4	5.0	50.7	131.2	4.0	9.2
ASK1123	20.2	43.6	5.1	20.5	104.7	4.4	0.9	5.0	0.8	5.1	1.1	3.9	0.5	4.3	31.3	0.5	7.0	70.4	175.1	6.1	13.2
ASK1124	11.1	23.8	3.1	12.8	59.4	3.1	0.7	3.7	0.6	4.5	1.0	3.4	0.5	3.7	23.8	0.5	7.0	55.1	114.5	5.0	9.0
ASK1125	30.1	58.9	7.1	27.9	145.1	5.6	1.0	5.6	0.8	4.9	1.1	3.6	0.5	4.0	31.1	0.5	7.0	71.1	216.1	6.2	16.1
ASK1126	11.6	22.0	2.2	8.5	51.8	1.9	0.4	2.2	0.4	2.5	0.5	1.8	0.2	2.0	14.3	0.2	7.0	32.2	84.0	24.2	12.9
ASK1127	16.9	38.1	4.8	19.1	92.4	4.2	0.8	4.3	0.6	4.0	0.8	2.7	0.4	2.9	19.6	0.3	8.0	49.0	141.4	10.7	9.8
ASK1128	26.0	46.4	6.4	23.1	119.1	5.4	1.0	6.1	0.9	5.8	1.2	3.9	0.5	4.3	35.2	0.5	6.0	78.8	197.9	11.4	13.7
ASK1129	31.0	57.3	7.5	28.4	145.3	6.0	1.1	6.2	0.9	5.7	1.1	3.6	0.5	3.8	32.6	0.5	8.0	75.1	220.3	8.2	14.6
ASK1130	35.7	75.7	9.4	37.0	184.7	7.8	1.3	8.3	1.2	7.3	1.5	4.7	0.6	4.9	41.4	0.6	8.0	96.4	281.2	7.9	16.7
ASK1131	22.3	45.0	5.8	23.5	113.0	5.1	1.0	5.4	0.8	4.8	1.0	3.1	0.4	3.2	25.8	0.4	6.0	61.5	174.6	5.7	10.8
ASK1132	37.2	72.7	8.7	34.3	179.0	6.8	1.0	6.7	0.9	5.3	1.0	3.2	0.4	3.4	30.8	0.4	7.0	72.9	251.9	6.0	18.4
ASK1133	31.4	67.1	8.1	30.8	160.9	6.6	1.0	6.6	0.9	5.4	1.1	3.3	0.4	3.6	29.1	0.4	7.0	70.8	231.7	6.3	17.1
ASK1134	23.5	45.5	6.0	22.8	114.6	4.9	0.9	5.2	0.8	4.7	0.9	3.1	0.4	3.3	25.1	0.4	7.0	60.1	174.6	9.2	14.0
ASK1135	33.4	66.4	8.3	31.6	163.5	6.6	1.0	6.6	1.0	5.6	1.1	3.7	0.5	3.9	32.5	0.5	6.0	76.4	239.9	11.6	18.0
ASK1136	25.2	52.9	6.4	25.7	129.0	5.6	1.1	6.2	1.0	6.2	1.3	4.5	0.6	4.9	38.3	0.6	7.0	85.2	214.2	14.0	14.7
ASK1137	23.2	47.5	5.3	19.9	112.2	4.3	0.9	5.2	0.6	4.7	0.9	3.1	0.3	2.6	19.5	0.4	4.0	51.1	163.3	6.8	12.4
ASK1138	31.2	61.3	7.3	27.4	148.8	5.6	0.9	5.5	0.8	4.5	0.9	2.9	0.4	3.1	27.5	0.4	8.0	63.5	212.3	6.2	16.8
ASK1139	28.3	58.1	6.5	25.3	138.3	5.3	0.9	5.4	0.8	4.8	1.0	3.3	0.4	3.6	30.2	0.4	8.0	68.0	206.3	8.1	15.8
ASK1140	25.6	53.5	6.7	26.5	131.4	6.1	1.1	6.7	1.0	6.7	1.3	4.4	0.6	4.7	42.1	0.6	8.0	91.5	222.9	10.3	13.4
ASK1141	25.9	50.4	6.4	24.4	125.3	5.0	0.9	5.1	0.7	4.5	0.9	2.7	0.4	3.0	26.4	0.4	7.0	60.6	185.9	11.9	14.3
ASK1142	25.2	49.5	6.5	25.0	124.2	5.3	1.0	5.3	0.8	4.8	1.0	2.9	0.4	3.1	28.2	0.4	7.0	64.5	188.8	8.1	12.2
ASK1143	23.8	43.7	5.6	21.0	110.2	4.2	0.7	4.2	0.6	3.6	0.7	2.2	0.3	2.3	22.7	0.3	6.0	50.9	161.1	3.9	10.7
ASK1144	20.6	37.8	4.8	18.2	95.3	3.6	0.7	3.7	0.5	3.3	0.7	2.1	0.3	2.3	21.2	0.3	5.0	46.9	142.2	4.3	9.2
ASK1145	24.6	48.2	5.9	23.3	119.5	4.8	0.9	4.8	0.7	4.2	0.9	2.6	0.4	2.7	26.5	0.4	7.0	59.3	178.7	3.7	10.6
ASK1146	23.1	43.5	5.5	21.5	109.6	4.3	0.8	4.3	0.6	3.4	0.7	2.0	0.3	2.1	21.1	0.3	5.0	48.4	158.0	3.2	9.1
ASK1147	21.4	39.6	4.9	18.3	98.4	3.7	0.7	3.7	0.5	3.1	0.6	1.9	0.3	2.1	20.7	0.3	5.0	45.6	144.0	2.6	9.8
ASK1148	22.8	41.4	5.1	19.2	103.5	3.9	0.7	3.8	0.5	3.0	0.6	1.8	0.3	2.0	19.9	0.3	5.0	44.6	148.0	2.4	9.7
ASK1149	23.4	43.5	5.3	20.3	108.2	4.0	0.8	4.1	0.6	3.4	0.7	2.1	0.3	2.3	21.7	0.3	6.0	48.8	157.0	2.6	12.9
ASK1150	22.9	43.5	5.3	20.4	107.8	4.2	0.7	4.2	0.6	3.6	0.7	2.2	0.3	2.3	23.3	0.3	5.0	51.4	159.3	2.9	11.4

Sample ID	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	TLREO	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Ho_ppm	Er_ppm	Tm_ppm	Yb_ppm	Y_ppm	Lu_ppm	Sc_ppm	TREO	THREO	U_ppm	Th_ppm
ASK1151	22.8	41.3	5.3	20.4	105.2	4.2	0.8	4.3	0.6	3.6	0.8	2.2	0.3	2.4	23.4	0.3	5.0	52.0	157.2	3.8	10.7
ASK1152	18.8	34.1	4.4	17.0	87.1	3.4	0.7	3.4	0.5	3.0	0.6	1.8	0.3	1.9	19.4	0.3	5.0	42.9	130.0	3.5	7.7
ASK1153	21.8	39.7	5.0	18.7	99.6	3.8	0.7	3.7	0.5	3.2	0.6	2.0	0.3	2.2	20.3	0.3	5.0	45.4	145.1	3.3	9.5
ASK1154	21.1	38.6	5.5	21.4	101.3	4.4	0.8	4.4	0.6	3.7	0.7	2.2	0.3	2.3	22.8	0.3	6.0	51.5	152.8	3.6	12.1
ASK1155	22.2	44.8	5.3	19.9	108.0	4.0	0.7	3.9	0.5	3.0	0.6	1.7	0.2	1.8	18.3	0.2	5.0	42.3	150.3	2.9	11.9
ASK1156	26.3	48.4	6.0	22.6	120.8	4.6	0.8	4.4	0.6	3.4	0.7	2.0	0.3	2.1	21.7	0.3	6.0	49.6	170.4	2.9	12.1
ASK1157	17.2	31.4	3.9	15.2	79.2	3.0	0.6	2.7	0.4	2.2	0.4	1.3	0.2	1.4	13.1	0.2	4.0	30.9	110.1	1.6	7.7
ASK1158	16.1	29.7	3.7	14.2	74.7	2.8	0.6	2.5	0.3	1.9	0.4	1.2	0.2	1.3	11.6	0.2	4.0	27.8	102.5	1.5	7.5
ASK1159	16.9	31.9	4.1	15.8	80.3	3.1	0.6	2.8	0.4	2.1	0.4	1.3	0.2	1.4	12.2	0.2	4.0	29.8	110.0	1.5	7.1
ASK1160	20.3	38.8	4.9	18.5	96.5	3.7	0.7	3.5	0.5	2.7	0.5	1.6	0.2	1.8	16.0	0.2	5.0	38.1	134.6	1.6	8.1
ASK1161	16.9	30.3	3.9	14.9	77.2	2.9	0.6	2.7	0.4	2.2	0.4	1.3	0.2	1.5	13.1	0.2	4.0	30.7	107.8	1.5	8.0
ASK1162	18.4	34.2	4.3	16.1	85.4	3.2	0.6	3.0	0.4	2.5	0.5	1.6	0.2	1.8	15.6	0.2	4.0	36.1	121.5	1.6	7.8
ASK1163	28.7	57.0	7.1	27.4	140.6	5.5	0.9	5.3	0.7	4.3	0.9	2.7	0.4	3.1	26.4	0.4	6.0	61.4	201.9	3.4	15.4
ASK1164	18.6	34.4	4.4	16.7	86.9	3.3	0.6	3.2	0.4	2.6	0.5	1.6	0.2	1.9	16.6	0.2	4.0	37.9	124.8	1.5	7.7
ASK1165	18.6	33.9	4.2	15.9	85.0	3.0	0.4	2.6	0.4	2.1	0.4	1.3	0.2	1.5	12.1	0.2	4.0	29.3	114.2	1.7	10.9
ASK1166	33.0	64.2	7.9	30.7	159.0	6.0	0.9	5.6	0.8	4.4	0.9	2.7	0.4	3.0	27.6	0.4	6.0	64.0	223.0	2.4	15.3
ASK1167	16.2	34.6	4.5	18.1	85.9	3.8	0.7	3.8	0.5	3.4	0.7	2.3	0.4	2.6	20.1	0.4	5.0	46.8	132.7	2.4	6.8
ASK1168	31.2	62.3	7.8	30.1	153.8	6.3	1.1	6.4	0.9	5.9	1.2	3.8	0.6	4.1	37.2	0.6	8.0	82.7	236.5	3.0	12.1
ASK1169	42.9	96.2	12.0	48.7	233.9	10.6	2.0	11.4	1.5	10.0	2.1	6.5	0.9	6.5	62.3	0.9	11.0	139.4	373.3	3.6	15.0
ASK1170	14.5	33.3	4.3	17.8	81.9	3.9	0.7	3.9	0.6	3.7	0.8	2.3	0.4	2.6	18.8	0.4	7.0	46.0	127.9	5.4	8.8
ASK1171	21.9	45.2	5.8	22.4	111.4	4.9	0.9	5.5	0.8	5.2	1.1	3.4	0.5	3.8	32.3	0.5	7.0	71.6	183.1	4.0	11.4
ASK1172	45.3	90.2	10.3	40.1	217.7	7.9	1.3	8.0	1.1	6.5	1.3	4.0	0.6	4.3	43.7	0.6	11.0	96.3	314.0	3.4	22.2
ASK1173	21.4	42.3	5.2	20.1	104.1	4.2	0.8	4.2	0.6	3.6	0.7	2.3	0.3	2.6	23.2	0.3	6.0	52.1	156.2	2.3	8.9

Appendix 3: Table of rock assay results pertaining to this announcement

Sample ID	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	TLREO	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Ho_ppm	Er_ppm	Tm_ppm	Yb_ppm	Y_ppm	Lu_ppm	Sc_ppm	THREO	TREO	U_ppm	Th_ppm
ASK1000	40.1	100.8	11.8	49.0	236.0	10.3	1.9	10.1	1.6	9.7	1.9	5.9	0.8	6.1	47.0	1.0	15.0	116.2	352.3	5.6	20.9
ASK1001	6.0	14.8	1.6	7.3	34.9	2.0	0.6	2.4	0.4	3.1	0.7	2.3	0.3	2.7	17.9	0.5	16.0	40.0	74.9	6.7	17.7
ASK1002	0.1	0.3	0.0	0.2	0.7	0.1	0.0	0.2	0.1	0.8	0.2	0.8	0.1	1.0	3.2	0.2	5.0	8.0	8.7	28.4	1.2
ASK1003	0.2	0.3	0.0	0.2	0.8	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.2	0.5	0.0	3.0	1.4	2.2	17.8	0.7
ASK1004	1.8	6.7	0.7	3.2	14.5	0.9	0.2	1.2	0.3	1.9	0.4	1.5	0.2	1.9	9.1	0.3	6.0	21.6	36.1	14.1	5.3
ASK1005	9.4	21.4	2.9	11.9	53.5	2.8	0.7	3.4	0.6	3.7	0.8	2.4	0.4	2.7	18.6	0.4	10.0	44.1	97.7	11.7	8.2
ASK1006	17.6	44.4	6.1	26.0	110.1	6.4	1.4	7.4	1.2	7.4	1.5	4.5	0.7	4.9	33.2	0.6	17.0	83.5	193.6	20.8	15.9
ASK1007	0.5	1.6	0.2	1.1	4.1	0.4	0.1	0.8	0.2	1.8	0.5	1.6	0.3	2.2	8.7	0.3	11.0	20.6	24.7	55.9	4.9
ASK1008	12.6	42.5	5.7	27.2	103.0	7.3	1.5	8.7	1.5	9.5	2.0	6.0	0.9	6.5	45.0	0.9	30.0	108.7	211.7	23.1	15.5
ASK1009	11.2	29.5	4.4	20.0	76.2	5.2	1.2	5.6	1.2	7.9	1.7	5.3	0.8	5.9	34.5	0.8	19.0	84.4	160.6	19.5	9.9
ASK1010	47.9	112.3	12.4	51.4	262.0	11.6	2.4	12.9	2.0	11.8	2.3	6.8	1.0	7.1	59.4	0.9	11.0	142.8	404.8	6.9	19.0
ASK1011	23.9	67.0	9.0	40.2	163.9	9.8	2.0	10.2	1.6	9.8	1.9	5.7	0.8	5.9	46.1	0.8	17.0	114.2	278.0	6.8	16.7
ASK1012	14.1	40.5	5.9	26.9	102.3	7.2	1.6	9.1	1.5	9.7	2.1	6.5	1.0	7.2	54.3	1.0	9.0	122.9	225.3	9.0	14.2
ASK1013	13.5	32.8	4.1	17.7	79.7	4.3	0.9	4.2	0.7	4.2	0.9	2.6	0.4	2.9	18.5	0.5	16.0	48.4	128.1	5.1	15.0
ASK1014	4.3	13.3	1.6	7.5	31.3	2.0	0.4	2.3	0.4	2.8	0.6	1.9	0.3	2.0	11.3	0.3	10.0	29.1	60.4	23.0	4.2
ASK1015	18.5	49.3	5.7	24.3	114.5	5.5	1.1	5.5	0.9	5.3	1.1	3.3	0.5	3.4	24.3	0.5	21.0	61.8	176.3	6.8	13.1
ASK1016	0.4	1.4	0.2	0.9	3.3	0.3	0.1	0.3	0.1	0.5	0.1	0.3	0.0	0.3	1.4	0.0	10.0	4.0	7.3	16.9	1.2
ASK1017	1.8	4.0	0.6	2.6	10.6	0.6	0.1	0.5	0.1	0.6	0.1	0.5	0.1	0.6	2.1	0.1	9.0	6.4	17.0	28.7	3.8
ASK1018	28.0	63.6	7.3	29.1	149.7	6.2	1.1	6.9	1.4	8.8	2.0	6.0	0.8	5.3	52.4	0.8	4.0	111.4	261.1	4.3	9.9
ASK1019	9.3	23.8	3.2	13.6	58.3	3.2	0.7	3.1	0.6	3.4	0.7	2.3	0.3	2.4	14.0	0.4	6.0	37.3	95.6	13.8	4.9
ASK1020	7.4	18.3	2.6	11.2	46.2	3.0	0.6	3.0	0.5	3.0	0.5	1.5	0.2	1.4	7.2	0.2	8.0	25.3	71.5	9.3	6.5
ASK1021	7.9	20.8	3.1	14.7	54.4	3.7	0.7	4.2	0.8	4.7	0.9	2.7	0.4	2.6	13.3	0.4	8.0	41.1	95.5	8.7	1.8
ASK1022	3.1	11.1	1.7	7.9	27.8	2.1	0.4	1.8	0.3	2.0	0.4	1.1	0.1	1.2	4.8	0.2	6.0	17.0	44.8	10.6	3.1
ASK1023	10.5	44.0	6.5	27.7	103.8	6.6	1.1	4.9	0.9	4.5	0.8	2.3	0.3	2.4	12.0	0.4	10.0	43.0	146.7	13.6	5.9
ASK1024	0.9	3.3	0.5	2.3	8.2	0.7	0.1	0.8	0.2	1.5	0.3	1.2	0.2	1.5	5.1	0.2	11.0	14.2	22.3	22.9	1.4
ASK1025	4.3	15.3	2.8	11.1	39.1	3.6	0.7	3.8	0.9	5.6	1.1	3.5	0.5	3.4	12.8	0.5	7.0	43.2	82.3	18.6	1.1
ASK1026	10.2	50.0	7.6	35.2	120.4	9.4	1.6	7.8	1.4	7.7	1.3	3.4	0.4	3.1	14.1	0.4	19.0	60.0	180.5	32.8	3.5
ASK1027	20.8	77.4	10.5	44.0	178.6	11.0	1.9	9.3	1.7	9.0	1.7	5.0	0.7	4.8	27.2	0.7	18.0	86.9	265.5	13.8	7.1
ASK1028	14.9	73.5	10.3	46.8	170.2	12.1	2.1	9.7	1.7	8.2	1.3	3.4	0.4	3.1	16.2	0.4	39.0	69.4	239.6	18.2	14.0
ASK1029	25.4	89.5	13.0	55.7	214.7	12.4	2.2	10.6	1.7	8.5	1.4	3.9	0.5	3.2	23.3	0.5	12.0	81.3	296.0	10.5	9.9
ASK1030	0.6	1.7	0.2	0.9	3.9	0.2	0.0	0.2	0.0	0.3	0.1	0.2	0.0	0.3	0.7	0.0	16.0	2.4	6.3	43.2	1.3
ASK1031	82.8	171.0	20.1	71.0	403.8	14.3	1.1	12.6	2.1	11.7	2.3	7.3	1.0	7.2	63.1	1.2	4.0	150.1	553.9	8.2	61.7
ASK1032	59.8	123.6	14.6	54.4	295.5	11.1	0.8	9.4	1.5	8.8	1.8	5.5	0.8	5.7	46.8	0.9	5.0	112.6	408.1	6.0	50.4
ASK1033	62.5	144.8	18.4	75.1	352.0	16.2	1.5	17.7	3.0	17.2	3.4	9.9	1.3	8.4	102.4	1.4	4.0	221.7	573.7	13.4	47.2
ASK1034	38.4	72.7	9.2	34.5	181.1	7.2	0.7	6.4	1.0	5.0	1.0	3.0	0.4	3.1	23.3	0.5	3.0	62.0	243.1	4.4	37.8
ASK1035	48.3	111.6	19.0	81.0	304.1	17.8	1.3	14.2	2.8	13.1	2.7	7.4	1.0	6.6	72.0	1.1	4.0	169.8	473.9	8.9	36.6
ASK1036	27.3	61.5	10.5	43.2	166.6	9.0	0.7	6.8	1.4	7.2	1.6	4.4	0.7	4.3	38.8	0.7	5.0	91.6	258.2	7.1	36.1
ASK1037	30.9	76.0	13.2	55.4	205.2	12.8	0.9	9.5	2.0	10.1	2.2	6.6	1.0	6.3	53.9	1.1	6.0	128.7	333.9	10.9	37.0
ASK1038	16.8	41.7	7.7	33.8	117.1	9.1	0.8	9.4	2.5	13.7	3.0	8.6	1.3	8.0	70.0	1.4	4.0	155.1	272.1	16.1	33.8
ASK1039	47.1	127.7	24.8	142.1	399.6	40.4	4.0	43.5	8.7	39.5	8.3	21.2	2.7	14.6	274.7	2.5	5.0	562.1	961.6	20.7	33.8
ASK1040	22.6	59.8	11.0	49.2	166.8	11.6	0.9	9.5	2.0	10.1	2.2	6.3	0.9	6.2	54.1	1.1	5.0	127.1	293.9	9.0	31.9
ASK1041	40.0	100.2	18.4	60.7	256.6	15.6	1.3	12.5	2.4	10.9	2.2	6.4	0.9	5.4	63.3	0.9	4.0	147.9	404.4	7.3	26.3
ASK1042	29.8	65.3	10.4	40.6	170.9	7.5	0.6	4.9	1.0	5.3	1.2	3.5	0.6	3.9	28.5	0.7	4.0	69.6	240.5	4.6	38.2
ASK1043	20.6	50.4	8.3	33.8	132.2	6.8	0.6	4.6	0.9	4.5	0.9	2.8	0.4	2.9	22.4	0.5	4.0	57.0	189.3	3.9	25.4
ASK1044	36.6	86.1	10.1	38.8	200.8	9.0	0.8	8.6	1.5	8.6	1.8	5.4	0.8	5.3	48.3	0.8	6.0	110.3	311.1	5.2	45.5
ASK1045	11.8	29.8	3.8	15.1	70.7	4.4	0.4	5.9	1.2	7.1	1.5	4.4	0.6	4.1	38.4	0.7	3.0	83.4	154.1	6.0	18.6
ASK1046	27.8	61.2	7.2	27.5	144.9	5.8	0.6	5.9	1.1	6.0	1.2	3.5	0.5	3.4	32.8	0.5	3.0	74.4	219.2	5.9	29.1
ASK1047	24.7	53.2	6.2	23.7	126.1	5.0	0.5	4.6	0.8	4.4	0.9	2.7	0.4	2.8	23.8	0.4	4.0	56.3	182.4	3.1	29.9
ASK1048	24.3	54.1	6.6	25.2	129.0	5.7	0.5	5.0	0.8	4.7	1.0	3.0	0.4	3.0	23.9	0.5	4.0	58.7	187.7	4.5	35.4
ASK1049	39.9	92.8	10.3	39.6	213.7	9.2	0.8	9.9	1.7	10.1	2.1	5.9	0.8	5.4	62.1	0.9	4.0	132.8	346.6	10.5	44.7

Sample ID	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	TLREO	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Ho_ppm	Er_ppm	Tm_ppm	Yb_ppm	Y_ppm	Lu_ppm	Sc_ppm	THREO	TREO	U_ppm	Th_ppm
ASK1050	23.5	58.9	6.6	26.7	135.4	7.4	0.8	9.8	2.0	12.5	2.7	7.8	1.1	7.0	82.9	1.1	3.0	165.2	300.6	19.0	35.2
ASK1051	37.6	85.8	10.3	43.2	207.1	11.0	1.1	12.5	2.2	12.3	2.4	6.5	0.9	5.6	65.8	0.9	4.0	147.2	354.3	15.1	34.4
ASK1052	23.0	57.2	8.8	44.6	156.4	15.1	1.9	22.4	4.1	22.9	4.7	11.5	1.3	7.8	128.5	1.3	3.0	270.1	426.5	36.5	26.5
ASK1053	37.6	87.6	11.5	51.6	220.3	13.9	1.4	18.5	3.0	15.9	3.2	8.6	1.0	6.4	102.5	1.1	5.0	213.8	434.1	14.9	44.0
ASK1054	40.5	92.4	11.2	45.5	221.9	10.7	1.0	12.3	2.2	12.9	2.7	7.5	1.0	6.9	77.2	1.1	6.0	165.0	386.9	9.0	57.7
ASK1055	49.4	114.1	13.7	54.2	270.9	12.2	1.0	12.7	2.1	11.4	2.4	6.7	0.9	6.0	68.0	1.0	6.0	151.0	421.8	5.9	55.2
ASK1056	32.6	63.3	8.2	31.6	159.0	7.1	0.6	7.3	1.2	6.7	1.4	4.1	0.5	3.6	42.6	0.6	4.0	92.3	251.2	6.6	33.5
ASK1057	25.0	81.3	9.0	34.5	175.2	7.2	0.4	4.7	1.1	4.5	0.9	2.8	0.5	3.8	35.3	0.5	4.0	75.2	250.4	11.2	48.7
ASK1058	0.6	0.9	0.2	0.7	2.7	0.2	0.0	0.2	0.0	0.4	0.1	0.3	0.0	0.3	1.5	0.1	2.0	3.8	6.5	31.4	1.2
ASK1059	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASK1060	4.2	9.3	1.1	4.8	22.7	1.2	0.3	1.7	0.3	2.3	0.5	1.5	0.2	1.7	10.7	0.3	8.0	25.1	47.7	126.8	2.8
ASK1061	0.2	0.5	0.1	0.3	1.1	0.1	0.0	0.1	0.0	0.3	0.1	0.3	0.0	0.4	1.1	0.1	3.0	3.1	4.2	27.2	1.0
ASK1062	4.7	15.2	1.8	8.4	35.2	2.5	0.6	3.1	0.6	3.6	0.7	2.2	0.3	2.2	13.1	0.3	7.0	35.1	70.2	23.6	5.9
ASK1063	0.3	0.9	0.1	0.6	2.2	0.3	0.1	0.3	0.1	0.8	0.2	0.7	0.1	0.9	2.6	0.2	11.0	7.4	9.6	29.4	2.2
ASK1064	0.5	1.1	0.1	0.6	2.7	0.2	0.1	0.2	0.0	0.3	0.0	0.2	0.0	0.2	0.6	0.0	6.0	2.0	4.7	8.4	1.2
ASK1065	0.1	0.2	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.2	0.4	0.0	6.0	1.0	1.4	25.1	1.2
ASK1066	7.0	25.3	2.6	13.4	56.6	3.3	0.7	3.7	0.6	6.2	0.9	3.7	0.4	2.7	12.2	0.3	5.0	41.2	97.8	41.3	2.2
ASK1067	5.7	22.6	3.5	15.8	55.6	4.7	0.9	4.4	0.9	5.3	0.9	2.6	0.4	2.6	11.1	0.4	6.0	40.5	96.1	10.2	3.3
ASK1068	1.4	3.2	0.3	1.1	7.0	0.2	0.0	0.2	0.0	0.3	0.1	0.2	0.0	0.3	1.0	0.0	15.0	2.8	9.8	23.6	2.7
ASK1069	4.7	16.4	2.2	9.6	38.5	2.6	0.5	2.3	0.4	2.7	0.5	1.4	0.2	1.5	5.9	0.2	6.0	21.6	60.1	7.0	2.7
ASK1070	20.4	34.3	4.0	14.6	85.8	2.8	0.5	2.9	0.5	2.9	0.5	1.3	0.1	1.1	4.8	0.2	9.0	20.6	106.4	7.9	3.5
ASK1071	6.1	39.2	5.0	23.7	86.4	6.5	1.2	5.2	0.9	5.0	0.8	2.4	0.3	2.3	11.0	0.3	12.0	42.8	129.2	8.4	5.6
ASK1072	111.4	337.5	26.5	89.4	661.2	16.5	2.5	12.2	1.6	8.0	1.3	3.6	0.5	3.2	27.2	0.5	345.0	91.8	753.0	3.8	18.0
ASK1073	86.2	215.7	15.0	44.0	422.6	6.3	1.0	5.8	0.7	3.7	0.6	1.5	0.2	1.4	11.6	0.2	15.0	39.4	461.9	2.3	8.4
ASK1074	16.0	65.4	5.7	26.3	132.6	5.4	0.9	4.3	0.7	3.9	0.7	2.0	0.3	2.2	10.5	0.3	17.0	37.2	169.7	4.4	14.7
ASK1075	199.2	459.9	32.1	86.5	910.7	10.7	1.6	9.5	1.0	4.6	0.7	1.6	0.2	1.2	11.2	0.2	17.0	50.2	960.8	2.1	7.2
ASK1076	93.7	205.6	11.7	31.5	401.1	3.6	0.5	2.8	0.3	1.2	0.2	0.4	0.0	0.3	2.9	0.0	4.0	14.5	415.6	0.9	2.6
ASK1077	131.6	278.8	16.4	44.3	551.8	5.2	0.7	4.2	0.5	2.0	0.3	0.8	0.1	0.9	6.9	0.1	10.0	25.8	577.6	0.9	5.0
ASK1078	12.5	41.8	3.4	12.9	82.7	2.9	0.5	2.3	0.4	2.0	0.3	0.9	0.1	1.0	4.3	0.1	10.0	17.6	100.3	3.1	6.0
ASK1079	14.0	42.0	3.4	12.7	84.4	2.8	0.5	2.2	0.4	2.0	0.4	0.9	0.2	1.0	4.8	0.1	14.0	18.1	102.5	3.0	8.2
ASK1080	16.0	50.7	4.6	18.8	105.5	4.3	0.8	3.3	0.6	2.7	0.4	1.2	0.2	1.2	6.4	0.2	7.0	25.2	130.7	3.0	5.9
ASK1081	0.1	0.3	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.3	0.0	2.0	0.7	1.3	11.8	0.4
ASK1082	5.7	13.1	1.7	7.6	32.9	2.3	0.5	2.7	0.6	3.9	0.9	2.8	0.5	3.5	13.7	0.5	9.0	38.3	71.2	8.0	3.7
ASK1083	9.7	24.8	2.7	8.9	54.1	2.2	0.5	1.9	0.4	1.9	0.4	1.2	0.2	1.5	7.6	0.2	12.0	21.5	75.5	9.0	10.5
ASK1084	13.3	24.7	2.3	8.2	56.8	1.6	0.3	1.5	0.3	1.3	0.3	0.7	0.1	0.9	5.2	0.1	10.0	14.7	71.4	4.7	19.7
ASK1085	1.6	4.1	0.5	1.8	9.4	0.4	0.1	0.4	0.1	0.6	0.1	0.4	0.1	0.5	1.8	0.1	5.0	5.4	14.8	8.9	5.8
ASK1086	17.8	26.7	3.0	9.8	67.1	1.6	0.3	1.5	0.2	1.4	0.3	0.8	0.1	1.0	5.1	0.2	10.0	14.8	81.9	4.7	27.2
ASK1087	4.5	9.0	1.1	4.4	22.1	1.1	0.3	1.1	0.2	1.4	0.3	0.9	0.1	1.0	4.6	0.2	11.0	13.4	35.6	4.8	27.6
ASK1088	3.1	8.2	1.2	5.1	20.5	1.3	0.2	1.1	0.2	1.3	0.2	0.8	0.1	0.9	2.9	0.2	13.0	11.0	31.5	7.4	14.5
ASK1089	1.6	4.9	0.7	3.1	12.1	0.8	0.2	0.8	0.1	0.9	0.2	0.6	0.1	0.7	2.1	0.1	8.0	7.9	20.0	8.6	7.7
ASK1090	0.3	0.8	0.1	0.5	1.9	0.2	0.0	0.2	0.0	0.3	0.1	0.3	0.0	0.4	0.8	0.1	15.0	2.9	4.8	12.7	5.6
ASK1091	11.9	33.7	5.0	21.5	84.5	5.2	0.9	4.4	0.7	3.5	0.6	1.6	0.2	1.4	9.6	0.2	9.0	33.5	118.0	9.7	20.5
ASK1092	9.1	16.4	2.0	7.4	40.7	1.7	0.3	1.6	0.3	1.8	0.3	1.0	0.1	1.0	4.9	0.2	24.0	15.6	56.3	21.3	19.6
ASK1093	55.8	162.5	23.0	96.6	395.3	22.8	3.9	22.3	3.4	19.7	3.8	11.1	1.6	10.2	97.6	1.5	22.0	239.1	634.4	22.6	32.7
ASK1094	11.3	19.5	2.3	8.8	49.0	1.9	0.4	1.7	0.3	1.6	0.3	0.9	0.1	0.9	4.5	0.2	12.0	15.2	64.2	23.3	12.0
ASK1095	185.0	458.6	63.5	265.4	1138.0	61.5	10.1	49.0	7.4	35.7	6.2	16.1	2.0	12.3	143.2	1.8	30.0	414.7	1552.8	23.9	32.4
ASK1096	80.4	279.1	36.4	160.8	651.3	38.6	6.3	29.8	4.6	22.6	3.9	9.9	1.2	7.7	65.7	1.1	24.0	228.2	879.6	20.7	24.6
ASK1097	225.5	519.0	67.0	278.3	1275.2	61.6	9.7	45.9	6.6	30.1	4.7	11.0	1.3	7.6	81.1	1.0	98.0	309.9	1585.1	16.0	32.5
ASK1098	141.1	361.6	47.0	187.8	863.1	40.2	6.0	28.0	4.1	19.5	3.2	8.3	1.1	6.7	62.1	0.9	22.0	215.0	1078.0	15.7	30.1
ASK1099	229.8	722.8	102.6	459.1	1771.6	106.8	17.0	86.0	13.2	69.2	11.7	32.3	4.1	28.5	241.7	4.1	22.0	736.1	2507.7	27.8	27.0
ASK1200	129.6	258.7	30.7	122.7	633.9	27.6	4.8	27.7	4.2	24.0	4.3	12.2	1.4	10.3	101.8	1.4	30.0	264.9	898.9	37.4	36.3
ASK1201	25.4	39.5	4.2	14.5	97.9	2.8	0.5	2.7	0.5	3.0	0.6	1.8	0.2	1.9	16.5	0.3	5.0	37.4	135.2	6.7	8.4

Sample ID	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	TLREO	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Ho_ppm	Er_ppm	Tm_ppm	Yb_ppm	Y_ppm	Lu_ppm	Sc_ppm	THREO	TREO	U_ppm	Th_ppm
ASK1202	6.2	11.1	1.4	5.5	28.4	1.3	0.3	1.3	0.3	1.7	0.4	1.2	0.2	1.5	4.9	0.2	12.0	15.5	43.9	73.0	9.4
ASK1203	3.8	7.0	0.9	3.3	17.5	0.7	0.3	0.7	0.1	0.9	0.2	0.6	0.1	0.8	3.0	0.1	9.0	9.0	26.6	32.9	13.0
ASK1204	20.4	30.7	3.0	10.6	75.7	2.2	0.5	2.6	0.5	3.6	0.8	2.6	0.4	2.8	17.7	0.5	27.0	41.2	116.9	55.0	27.6
ASK1205	16.0	46.1	6.4	25.4	109.8	5.4	0.9	4.6	0.8	4.8	1.0	3.1	0.4	3.5	23.4	0.6	33.0	58.5	168.3	44.2	22.8
ASK1206	97.9	342.0	45.6	178.1	776.4	37.4	5.6	27.4	4.0	18.2	2.7	6.7	0.8	5.1	42.3	0.7	24.0	178.8	955.2	54.2	26.6
ASK1207	22.2	39.8	5.0	18.7	100.4	3.7	0.7	3.1	0.5	2.7	0.5	1.5	0.2	1.6	9.3	0.2	11.0	28.7	129.1	37.2	21.2
ASK1208	35.3	63.7	7.3	27.2	156.3	5.9	1.0	5.4	0.9	5.5	1.0	2.9	0.4	2.8	15.5	0.4	30.0	49.8	206.1	69.5	25.8
ASK1209	7.3	12.5	1.0	3.4	28.2	0.6	0.1	0.6	0.0	0.7	0.2	0.5	0.0	0.5	1.9	0.1	13.0	6.2	34.4	7.3	18.1
ASK1210	14.6	56.8	6.6	26.3	122.0	5.5	0.9	4.5	0.7	3.9	0.7	1.9	0.2	1.8	11.1	0.3	10.0	37.7	159.7	34.9	16.6
ASK1211	266.0	772.7	104.6	436.5	1848.6	90.0	14.7	77.7	11.6	59.0	9.8	25.0	3.0	20.0	186.2	2.7	29.0	597.5	2446.1	38.2	30.0
ASK1212	1.3	4.0	0.6	2.6	9.9	0.6	0.1	0.7	0.1	0.9	0.2	0.5	0.1	0.6	2.0	0.1	11.0	7.1	17.0	16.9	2.1
ASK1213	100.8	300.9	39.5	151.2	693.4	31.9	5.2	27.2	4.4	23.5	4.1	11.1	1.4	9.4	77.3	1.3	16.0	235.6	929.0	18.7	21.8
ASK1214	74.8	199.4	24.9	94.5	460.7	18.2	2.8	15.0	2.3	12.2	2.2	6.1	0.8	5.6	47.9	0.8	41.0	136.8	597.5	7.6	24.1
ASK1215	50.5	123.2	16.5	69.1	303.5	15.9	3.1	17.3	2.9	17.5	3.5	10.2	1.3	9.2	70.3	1.4	23.0	183.9	487.4	22.4	19.2
ASK1216	11.3	35.0	5.4	25.2	89.9	6.7	1.4	7.3	1.4	8.9	1.7	5.3	0.7	5.6	25.4	0.8	17.0	78.1	168.0	33.0	18.2
ASK1217	10.5	25.1	5.5	22.8	74.8	5.5	0.9	5.0	1.0	6.6	1.6	4.9	0.7	5.8	39.6	0.8	19.0	87.9	162.7	32.9	13.0
ASK1218	124.4	395.5	50.5	192.6	892.7	41.6	6.5	35.3	5.5	26.2	4.8	11.7	1.5	9.3	100.7	1.3	35.0	293.4	1186.2	37.2	33.2
ASK1219	32.4	81.2	10.0	37.3	188.2	7.0	1.1	5.5	0.8	4.0	0.7	1.8	0.2	1.5	13.0	0.2	7.0	42.9	231.1	43.8	19.8
ASK1220	7.9	21.8	3.1	13.2	53.8	3.4	0.7	3.7	0.8	4.9	1.1	3.4	0.5	3.7	20.4	0.6	21.0	51.9	105.7	53.6	12.4
ASK1221	33.4	75.2	9.1	34.9	178.6	7.5	1.4	7.7	1.3	7.9	1.9	5.6	0.8	5.4	52.4	0.9	11.0	113.1	291.7	4.2	22.2
ASK1222	0.5	1.3	0.2	0.9	3.3	0.2	0.0	0.3	0.1	0.5	0.1	0.4	0.1	0.5	1.8	0.1	11.0	4.8	8.1	3.3	2.8
ASK1223	45.6	114.7	16.3	71.7	290.7	16.1	3.0	16.5	2.7	16.2	4.0	12.1	1.8	12.4	110.8	2.1	11.0	240.5	531.2	6.9	15.4
ASK1224	32.5	89.8	12.7	56.4	223.9	14.0	3.0	18.3	3.8	26.5	7.6	26.0	4.4	32.8	257.0	5.7	14.0	489.1	713.0	9.9	13.6
ASK1225	7.9	36.3	5.4	25.7	88.0	6.2	1.2	4.8	1.1	5.6	1.4	4.5	0.8	6.0	39.9	1.0	12.0	88.1	176.1	8.2	7.3
ASK1226	62.8	112.1	19.1	79.1	319.6	18.9	4.0	21.0	3.7	21.6	5.1	14.9	2.2	14.2	128.8	2.4	10.0	287.5	607.1	6.8	8.2
ASK1227	6.6	22.3	3.5	17.6	58.4	5.1	1.2	7.1	1.5	10.5	2.9	9.5	1.5	10.4	55.2	1.8	14.0	129.3	187.7	8.3	4.3
ASK1228	74.7	161.7	25.2	102.3	425.8	21.2	3.5	16.9	2.3	11.5	2.3	6.6	0.9	6.2	51.5	1.0	17.0	148.9	574.6	4.3	23.6
ASK1229	72.1	113.2	16.5	58.4	304.6	11.3	1.8	9.4	1.4	8.1	1.9	5.8	0.8	5.6	47.3	0.9	17.0	114.1	418.7	5.1	18.9
ASK937	7.3	17.1	2.2	8.3	40.8	1.6	0.2	1.7	0.3	1.9	0.4	1.2	0.2	1.3	8.1	0.2	4.0	20.6	61.4	2.0	2.2
ASK938	33.8	88.1	12.1	55.2	221.3	13.8	2.5	15.3	2.9	19.6	4.5	14.3	2.0	15.4	106.4	2.5	14.0	241.6	462.9	15.1	6.8
ASK939	148.0	357.5	40.6	191.9	863.6	49.1	9.9	55.9	9.9	61.6	12.9	37.5	5.1	36.3	315.8	5.7	26.0	726.9	1590.5	20.9	5.8
ASK940	32.7	91.7	12.3	58.4	228.2	15.1	2.7	15.9	3.0	18.9	4.2	12.6	1.8	13.2	94.1	2.1	13.0	222.2	450.4	25.6	4.0
ASK941	11.4	44.5	5.1	22.1	97.1	6.5	1.2	7.3	1.4	8.3	1.7	4.9	0.7	4.9	35.9	0.8	35.0	88.7	185.8	160.6	2.4
ASK942	19.0	72.4	9.3	46.7	172.3	13.5	2.7	18.0	4.3	31.0	7.6	24.8	3.7	28.0	184.0	4.4	16.0	391.9	564.2	63.3	5.2
ASK943	21.7	94.3	7.9	36.3	187.4	9.3	1.8	11.0	2.2	14.7	3.3	10.2	1.5	10.8	62.3	1.6	7.0	155.3	342.6	56.9	6.6
ASK944	21.1	63.8	7.3	32.8	146.3	7.6	1.5	7.4	1.4	8.8	1.8	5.4	0.8	6.0	29.0	0.9	8.0	84.5	230.7	43.9	4.8
ASK945	45.5	170.2	15.7	69.4	352.0	16.5	3.1	16.9	3.1	18.6	3.7	10.7	1.5	11.2	69.8	1.7	12.0	188.6	540.6	30.1	4.9
ASK946	14.2	39.8	5.5	24.1	97.8	6.3	1.0	5.8	1.1	6.7	1.3	4.0	0.6	4.3	22.3	0.7	39.0	64.8	162.6	17.9	6.6
ASK947	0.1	0.4	0.0	0.2	0.8	0.1	0.0	0.1	0.0	0.2	0.0	0.1	0.0	0.2	0.4	0.0	13.0	1.3	2.1	12.5	0.2
ASK948	0.2	0.5	0.1	0.3	1.2	0.1	0.0	0.1	0.0	0.4	0.1	0.4	0.1	0.6	1.7	0.1	14.0	4.4	5.6	64.1	0.4
ASK949	3.2	11.6	1.4	6.8	26.9	2.0	0.4	2.8	0.6	4.7	1.1	3.6	0.5	4.0	25.9	0.6	20.0	56.4	83.3	75.3	2.0
ASK950	0.2	0.6	0.1	0.3	1.4	0.1	0.0	0.2	0.1	0.6	0.2	0.7	0.1	1.1	2.8	0.2	10.0	7.4	8.8	47.3	1.4
ASK951	4.9	17.4	1.8	8.4	38.0	2.4	0.4	3.3	0.7	4.8	1.1	3.4	0.5	3.7	25.8	0.6	32.0	56.5	94.5	151.2	4.3
ASK952	26.1	90.5	10.0	46.3	202.3	11.8	2.1	12.3	2.2	13.4	2.7	8.1	1.1	7.9	58.8	1.3	15.0	146.9	349.2	11.4	10.2
ASK953	77.4	288.9	33.3	155.3	649.3	40.4	6.6	42.2	8.0	50.2	11.1	33.7	4.7	33.8	276.9	5.4	30.0	622.7	1272.0	24.6	23.7
ASK954	0.3	1.1	0.1	0.5	2.4	0.1	0.0	0.2	0.0	0.4	0.1	0.4	0.1	0.5	1.5	0.1	22.0	3.9	6.3	63.5	0.7
ASK955	0.2	0.5	0.0	0.2	1.1	0.1	0.0	0.2	0.1	0.6	0.2	0.7	0.1	1.0	3.4	0.2	11.0	8.0	9.0	64.4	1.0
ASK956	10.9	39.3	4.0	16.1	82.3	4.6	0.9	5.8	1.2	8.6	2.1	6.8	1.1	7.8	53.2	1.3	17.0	113.7	196.0	10.1	11.6
ASK957	59.7	153.9	18.8	81.2	366.9	19.9	3.3	19.1	3.2	17.6	3.4	9.5	1.4	9.2	69.5	1.4	14.0	189.5	556.4	15.7	5.6
ASK958	171.5	360.1	43.9	183.1	887.9	43.4	7.2	44.8	7.6	43.9	8.4	23.2	3.3	21.3	191.7	3.4	33.0	480.8	1368.6	16.1	9.3
ASK959	76.4	271.3	39.2	177.4	660.0	49.7	8.5	49.3	9.1	53.5	10.5	29.4	4.4	28.2	224.0	4.3	34.0	568.1	1228.1	26.2	7.3
ASK960	729.7	1954.4	256.1	1238.4	4889.1	338.1	68.2	491.6	90.4	567.8	117.7	332.4	49.7	319.6	3099.7	48.5	41.0	6720.5	11609.7	209.0	35.6

Sample ID	La_ppm	Ce_ppm	Pr_ppm	Nd_ppm	TLREO	Sm_ppm	Eu_ppm	Gd_ppm	Tb_ppm	Dy_ppm	Ho_ppm	Er_ppm	Tm_ppm	Yb_ppm	Y_ppm	Lu_ppm	Sc_ppm	THREO	TREO	U_ppm	Th_ppm
ASK961	89.8	270.4	36.8	163.7	656.0	42.9	7.5	45.1	8.5	50.7	9.7	27.4	4.1	26.3	188.2	3.9	37.0	498.9	1154.9	21.4	8.2
ASK962	39.8	112.8	14.2	55.7	260.5	12.0	2.0	9.2	1.4	7.0	1.2	3.3	0.5	3.1	23.8	0.5	36.0	76.3	336.7	7.3	15.6
ASK963	33.5	74.9	7.9	30.1	171.4	5.9	1.1	5.2	0.8	4.2	0.8	2.1	0.3	1.9	14.7	0.3	19.0	44.3	215.6	9.9	11.9
ASK964	45.1	108.4	11.0	39.4	238.8	7.3	1.5	6.0	0.9	4.3	0.7	1.7	0.2	1.2	10.8	0.2	10.0	41.4	280.2	4.2	13.2
ASK965	4.0	12.8	2.2	10.9	35.0	3.4	0.7	4.7	1.0	7.0	1.6	5.1	0.8	5.7	21.0	0.9	17.0	62.2	97.1	12.2	1.9
ASK966	62.2	134.7	18.2	75.9	340.6	18.3	3.2	18.6	3.2	18.5	3.7	10.6	1.4	10.0	69.0	1.5	18.0	190.0	530.6	13.6	8.7
ASK967	19.3	48.9	7.0	32.1	125.6	8.5	1.7	10.3	2.0	13.6	3.1	9.2	1.3	9.8	51.5	1.5	12.0	135.4	261.1	12.0	3.2
ASK968	7.8	22.8	3.4	16.4	59.0	5.2	1.1	6.6	1.4	10.0	2.5	8.0	1.2	8.8	40.7	1.4	20.0	104.7	163.7	13.9	4.5
ASK969	28.3	70.0	12.4	56.2	195.2	14.9	2.8	18.1	3.6	24.1	5.9	18.7	2.8	20.7	150.5	3.3	13.0	322.9	518.1	37.6	4.3
ASK970	35.7	110.0	15.6	67.3	267.4	17.5	3.1	17.0	3.1	18.4	3.9	11.3	1.6	11.4	79.2	1.7	19.0	202.7	470.2	15.7	8.6
ASK971	19.4	66.8	9.0	37.0	154.6	8.9	1.4	6.6	1.1	5.3	1.0	2.4	0.3	2.3	13.7	0.3	9.0	51.4	206.0	6.8	9.1
ASK972	15.5	53.1	7.2	29.7	123.4	7.1	1.0	4.8	0.8	4.5	0.9	2.5	0.3	2.4	15.3	0.4	10.0	47.9	171.2	6.8	9.4
ASK973	2.0	5.8	0.9	4.3	15.2	1.4	0.3	2.0	0.5	3.7	0.9	3.0	0.5	3.4	12.8	0.5	7.0	34.7	49.9	8.9	2.9
ASK974	2.9	7.9	1.0	4.0	18.5	0.9	0.2	1.1	0.2	1.8	0.5	1.4	0.2	1.5	9.8	0.2	9.0	21.6	40.1	49.9	1.3
ASK975	5.2	15.5	2.1	10.1	38.4	2.9	0.7	4.2	0.9	7.1	1.8	5.8	0.9	6.3	41.7	1.0	21.0	89.3	127.7	5.1	2.5
ASK976	29.5	124.8	15.3	74.8	285.9	21.5	4.1	23.8	4.4	24.7	4.9	13.6	1.9	13.2	89.9	1.9	17.0	245.1	531.0	29.3	4.2
ASK977	2.3	7.3	1.0	5.0	18.2	1.6	0.4	2.2	0.5	3.3	0.7	2.1	0.3	2.1	9.0	0.3	6.0	26.9	45.1	9.2	0.6
ASK978	1.8	6.5	0.9	4.3	15.7	1.4	0.3	2.0	0.5	3.7	0.8	2.6	0.4	2.7	11.5	0.4	4.0	31.7	47.4	37.4	1.3
ASK979	0.5	1.4	0.2	0.8	3.3	0.3	0.1	0.2	0.1	0.4	0.1	0.3	0.1	0.5	1.0	0.1	14.0	3.6	6.8	6.8	0.5
ASK980	0.2	0.5	0.1	0.2	1.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.4	0.0	14.0	1.1	2.2	25.6	0.3
ASK981	6.8	20.6	2.6	12.2	49.5	3.6	0.8	4.1	0.8	4.7	0.9	2.5	0.4	2.4	14.4	0.4	9.0	41.7	91.2	11.3	5.2
ASK982	12.1	36.7	4.0	19.4	84.6	5.7	1.3	6.4	1.2	6.6	1.3	3.4	0.5	3.3	21.4	0.5	17.0	61.7	146.3	11.1	13.1
ASK983	15.9	56.9	6.3	28.0	125.3	6.9	1.4	5.8	0.9	4.8	0.9	2.5	0.3	2.3	15.7	0.4	12.0	50.0	175.3	2.9	7.1
ASK984	7.6	18.8	1.9	7.4	41.6	1.4	0.3	1.3	0.2	1.5	0.3	1.0	0.1	1.0	7.1	0.2	18.0	17.2	58.8	28.6	2.9
ASK985	5.3	14.8	1.5	6.4	32.8	1.4	0.3	1.3	0.2	1.4	0.3	0.9	0.1	0.8	5.9	0.1	21.0	15.3	48.0	40.6	2.1
ASK986	43.4	135.5	16.4	69.0	309.3	16.8	3.1	15.6	2.4	12.6	2.2	5.8	0.8	5.3	43.6	0.8	31.0	130.6	439.9	11.0	28.5
ASK987	18.8	68.6	8.6	38.3	157.1	10.1	1.9	9.7	1.6	8.6	1.5	3.7	0.5	3.5	22.4	0.5	16.0	76.3	233.4	7.3	19.1
ASK988	24.8	85.1	7.8	31.0	174.0	7.1	1.2	7.4	1.4	9.4	2.1	6.6	1.1	8.6	55.3	1.4	19.0	123.2	297.3	3.8	14.2
ASK989	6.5	34.2	4.4	20.9	77.1	6.1	1.2	6.3	1.1	6.6	1.3	3.5	0.5	3.5	20.3	0.5	22.0	60.8	138.0	4.7	12.8
ASK990	14.9	35.0	4.5	18.8	85.7	4.8	1.0	5.0	0.9	5.5	1.2	3.5	0.5	4.1	27.5	0.6	36.0	66.0	151.7	5.5	26.7
ASK991	18.2	51.7	4.7	17.4	107.8	3.1	0.6	3.1	0.5	2.7	0.5	1.3	0.2	1.4	9.8	0.2	14.0	28.0	135.7	4.1	13.0
ASK992	6.1	19.3	2.9	14.3	49.9	4.5	1.0	5.8	1.1	7.2	1.5	4.4	0.6	4.7	23.8	0.7	18.0	66.4	116.3	8.6	8.7
ASK993	1.9	6.6	0.6	2.4	13.3	0.7	0.2	0.8	0.2	1.4	0.3	1.0	0.2	1.2	5.4	0.2	4.0	13.9	27.2	12.7	4.0
ASK994	63.7	190.6	17.1	63.9	392.5	13.7	2.8	15.2	2.7	14.9	2.5	5.5	0.6	3.8	32.0	0.5	19.0	112.0	504.5	3.8	13.9
ASK995	3.1	8.5	1.3	6.3	22.4	2.1	0.5	2.9	0.5	3.5	0.7	2.1	0.3	2.2	10.5	0.4	7.0	30.7	53.1	8.9	4.0
ASK996	7.0	18.5	2.3	10.1	44.4	2.5	0.5	2.8	0.5	3.7	0.9	2.8	0.4	3.3	18.8	0.6	7.0	44.6	89.1	9.8	5.8
ASK997	10.5	26.7	2.8	12.6	61.6	3.1	0.7	4.8	0.9	6.2	1.4	4.4	0.6	4.5	34.1	0.7	7.0	74.6	136.2	26.4	5.6
ASK998	38.5	85.8	8.0	28.1	187.7	4.9	0.8	4.0	0.5	2.6	0.4	1.2	0.2	1.3	8.0	0.2	26.0	28.7	216.4	8.4	19.8
ASK999	15.9	48.2	5.7	26.8	113.0	7.4	1.7	12.6	2.9	23.3	5.7	19.0	2.8	20.9	174.5	3.3	26.0	336.0	449.0	17.3	19.8