SUBSTANTIAL RARE EARTH ELEMENTS IN FIRST DRILL HOLES AT ETHIOPIA PROSPECT, EYRE PENINSULA

Drilling at the Ethiopia Prospect, Eyre Peninsula, South Australia

- **Results from the first 23 of 115 drill holes at the Ethiopia IAC REE - Kaolin Prospect confirms substantial intervals of REE mineralisation in the clay rich, weathering profile**
- **Intersections include:**
  - **ETAC22-002 – 12m @ 1,057 ppm TREO from 7m (-45µm)**
  - **ETAC22-003 – 26m @ 972 ppm TREO from 0m (-45µm)**
  - **ETAC22-021 – 19m @ 988 ppm TREO from 2 m (-45µm)**
  - **ETAC22-022 – 10m @ 1142 ppm TREO from 2m (-45µm)**
- **16 of the 23 drill holes had significant intervals of kaolin and were screened to concentrate the kaolin fraction**
- **15 of the 16 of these drill holes had significant REE mineralisation in the kaolin (clay) fraction and confirm results from sampling of historical holes**
- **Samples from the remaining 92 holes, which cover an area of 5 km x 3 km, are currently being analysed and results will be reported as they become available**

"The first 23 drill holes at the Ethiopia Prospect have returned thick intervals of kaolin that host substantial REE mineralisation. With a further 92 drill holes from the Ethiopia Prospect, covering an area of 5km x 3km, currently undergoing analysis, we are excited to see the extent of REE mineralisation at this prospect as well as the other three prospects that were tested during our recent drilling program."

Managing Director Mike Schwarz

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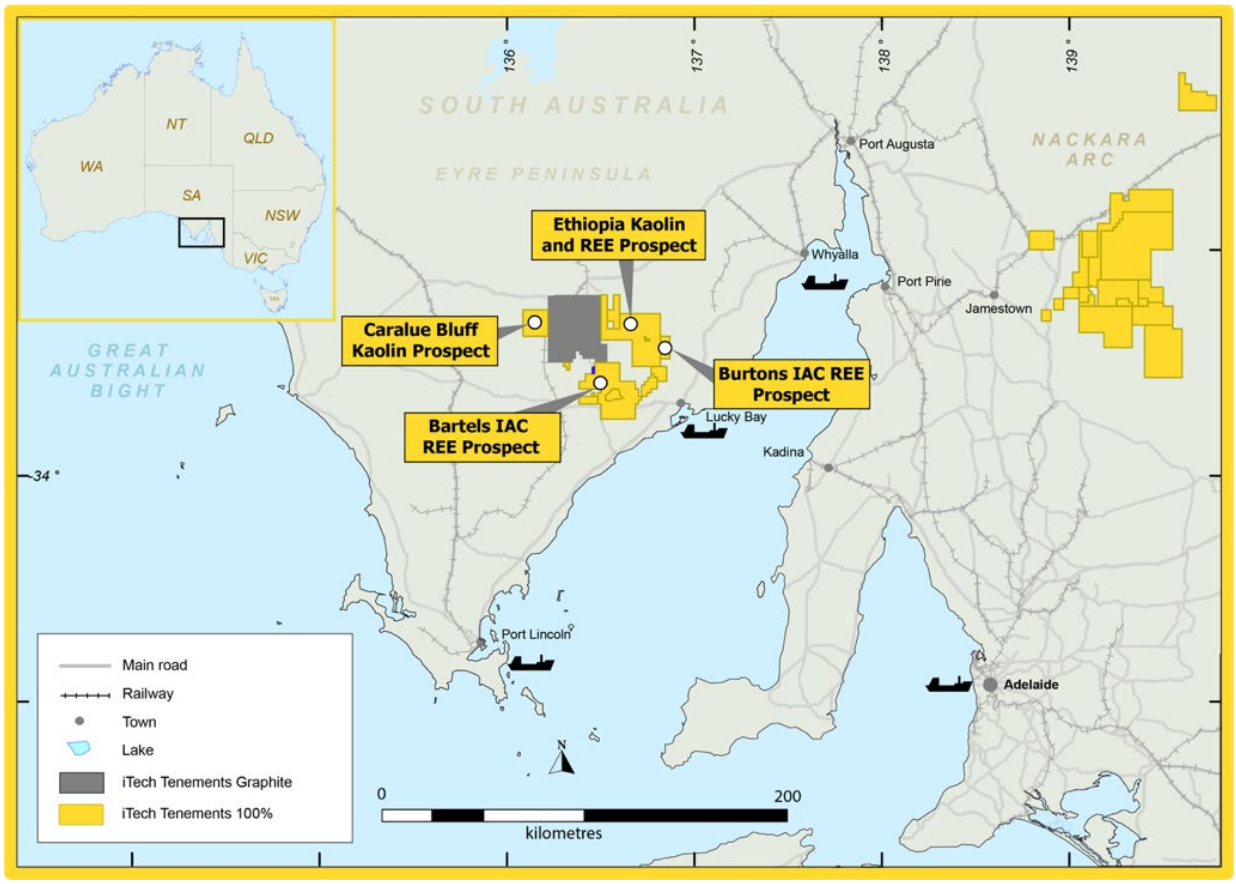

Figure 1. Location of the Ethiopia Prospect – Eyre Peninsula, South Australia

iTech Minerals Ltd (ASX: **ITM**, **iTech** or **Company**) recently completed a 115-hole drill program at the Ethiopia Prospect on the Eyre Peninsula in South Australia. The aim of the program was to test the potential for ion adsorption clay (IAC) REEs within high purity kaolin mineralisation. Recently received drill results show that significant intersections of REEs occur within the kaolin rich weathered horizon. Ethiopia can now be confirmed to have the potential to form IAC REE style mineralisation. Metallurgical work on mineralised samples confirms that an ionic component is present at Ethiopia, however, further test work will be required to test the extent to which the REEs are easily leachable.

Ethiopia Prospect

The Ethiopia Prospect was initially established as a high purity kaolin prospect with the identification of thick intervals of bright white kaolin, close to surface, in several historical drill holes. iTech geologists observed that the weathering profile contained significant levels of the REE indicator element, Cerium, and submitted historical samples for analysis for the full suite of REEs. The results revealed thick intervals of elevated REE mineralisation in the fine (-45µm), kaolin rich fraction (see ASX Release 12 November 2021).

In the last 3 months, 115 drill holes were completed across an area of 5 km by 3 km at the Ethiopia Prospect. Thick intervals of kaolin were visually identified over large areas in the drilling program, and selected number of holes were submitted for kaolin test work and REE analysis to test the high purity kaolin and IAC REE potential of the prospect. The Company is very pleased to receive positive results for REEs for the first 23 drill holes and will now eagerly await the results from the remaining drill holes across the prospect.

The current results suggest that mineralisation extends over a distance of at least 1.3 km by 1.2 km, however results from pending drill holes have the potential to significantly expand this area (Fig. 2).

Significant intersections

Of the first 23 drill holes reported, 16 had significant kaolin intersections and were submitted for kaolin test work. The test work involves separating the kaolin rich portion of the sample and testing its technical characteristics for a variety of industrial uses. As iTech sees value in the potential extraction the REEs from this portion, the samples were submitted for REE analysis and reported as part of this ASX release. The remaining 7 holes did not have sufficient kaolin to warrant kaolin test work but have been submitted for REE analysis and will be reported separately. Of the 16 drill holes submitted for kaolin test work, 15 holes have significant levels of REEs (>350 ppm).

To clarify, these results pertain to the fine fraction of the whole drill hole sample which has been sieved to -45 µm and is not representative of the complete sample, it is the beneficiated portion.

Ethiopia Drilling Program													
Hole ID	From	To	Interval	TREO	TREO-CeO_2	High Value (Magnet) Rare Earths							
						Neodymium Nd_2O_3		Praseodymium Pr_6O_{11}		Dysprosium Dy_2O_3		Terbium Tb_4O_7	
	(m)	(m)	(m)	(ppm)	(ppm)	ppm	%TREO	ppm	%TREO	ppm	%TREO	ppm	%TREO
ETAC22_001	7	17	10	777	437	138	18%	40	5%	9	1.2%	2	0.3%
ETAC22_002	3	15	12	1057	592	191	18%	54	5%	13	1.2%	3	0.3%
ETAC22_003	0	26	26	972	533	186	19%	53	5%	8	0.8%	2	0.2%
ETAC22_004	2	22	20	682	391	130	19%	36	5%	9	1.3%	2	0.3%
ETAC22_005	8	39	31	450	269	75	17%	20	4%	8	1.7%	2	0.3%
ETAC22_007	1	5	4	328	181	57	17%	16	5%	3	1.0%	1	0.2%
ETAC22_008	1	57	56	327	198	47	14%	14	4%	6	1.9%	1	0.3%
inc	9	21	12	417	245	58	14%	17	4%	7	1.6%	1	0.3%
ETAC22_009	0	24	24	619	353	114	18%	32	5%	8	1.2%	2	0.3%
ETAC22_010	1	4	3	699	387	117	17%	35	5%	7	1.0%	2	0.3%
ETAC22_012	1	19	18	374	233	59	16%	17	4%	7	1.9%	1	0.4%
ETAC22_013	1	13	12	672	382	133	20%	37	5%	7	1.1%	2	0.2%
ETAC22_014	0	12	12	758	437	144	19%	40	5%	10	1.4%	2	0.3%
ETAC22_015	4	11	7	655	376	119	18%	34	5%	9	1.3%	2	0.3%
ETAC22_020	1	8	7	692	378	134	19%	38	6%	5	0.8%	1	0.2%
ETAC22_021	2	21	19	988	526	182	18%	53	5%	6	0.6%	1	0.1%
ETAC22_022	2	12	10	1142	617	221	19%	63	6%	8	0.7%	1	0.1%
ETAC22_023	0	20	20	687	378	133	19%	37	5%	6	0.9%	2	0.2%

Table 1. Significant REE intersections (-45µm) at the Ethiopia Prospect – Eyre Peninsula, South Australia

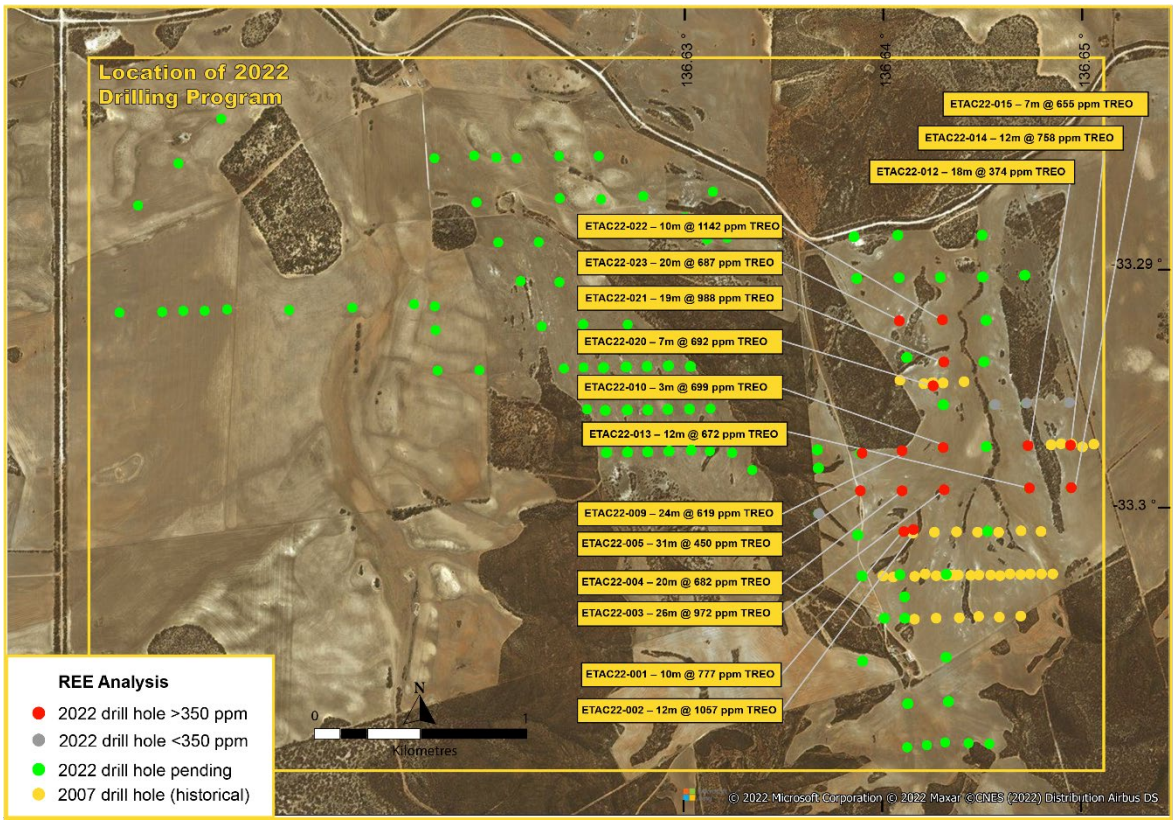

Figure 2. Partial drill results from the Ethiopia Prospect – Eyre Peninsula, South Australia

Next Steps

As the drill results become available, iTech is selecting representative samples to send for metallurgical test work. Samples are being selected to be representative of the entire range of geological environments within the prospect, not only laterally (east-west and north-south), but also at various levels within the weathering profile (vertically). Samples will be tested for their easily leachable REE component with a straight acid leach at pH 1-2 and then for the ionic component with a leaching solution at pH 4 and 0.5M ammonium sulphate.

Having received positive partial drilling results from Ethiopia, iTech is eagerly waiting on results from drill holes sampled for kaolin test work from the remaining 92 drill holes as well the bulk of drill holes at Caralue Bluff (further 240 drill holes). Drill results which have been submitted for both kaolin and REE analysis have a longer lead time due to the need to separate the clay fraction prior to analysis.

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COMPETENT PERSON STATEMENT

The information which relates to exploration results is based on and fairly represents information and supporting documentation compiled by Michael Schwarz. Mr Schwarz has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking, 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' (the JORC Code). Mr Schwarz is a full-time employee of iTech Minerals Ltd and is a member of the Australian Institute of Geoscientists and the Australian Institute of Mining and Metallurgy. Mr Schwarz consents to the inclusion of the information in this report in the form and context in which it appears.

ABOUT iTECH MINERALS LTD

iTech Minerals Ltd is a newly listed mineral exploration company exploring for and developing battery materials and critical minerals within its 100% owned Australian projects. The company is exploring for kaolinite-halloysite, ion adsorption clay rare earth element mineralisation and developing the Campoona Graphite Deposit in South Australia. The company also has extensive exploration tenure prospective for Cu-Au porphyry mineralisation, IOCG mineralisation and gold mineralisation in South Australia and tin, Tungsten, and polymetallic Cobar style mineralisation in New South Wales.

This announcement contains results that have previously released as "Replacement Prospectus" on 19 October 2021, "Rare Earth Potential Identified at Kaolin Project" on 21 October 2021, "Rare Earth Potential Confirmed at Kaolin Project" on 12 November 2021, "New Rare Earth Prospect on the Eyre Peninsula" on 29 November 2021, "Positive Results Grow Rare Earth Potential at Kaolin Project" on 13 December 2021, "More Positive Rare Earth Results - Ethiopia Kaolin Project" on 12 January 2022, "Exploration Program Underway at EP Kaolin-REE Project" on 19 January 2022, "Eyre Peninsula Kaolin-REE Drilling Advancing Rapidly" on 16 February 2022, "Ionic Component Confirmed at Kaolin-REE Project" on 9 March 2022, "Drilling confirms third REE Prospect at Bartels – Eyre Peninsula" on 22 March 2022, "Eyre Peninsula Kaolin-REE Maiden Drilling Completed" on 7 April 2022 and "Significant REEs discovered at Caralue Bluff" on 14 April 2022. iTech confirms that the Company is not aware of any new information or data that materially affects the information included in the announcement.

GLOSSARY

CREO = Critical Rare Earth Element Oxide
HREO = Heavy Rare Earth Element Oxide
IAC = Ion Adsorption Clay
LREO = Light Rare Earth Element Oxide
REE = Rare Earth Element
REO = Rare Earth Element Oxide
TREO = Total Rare Earth Element Oxides
%NdPr = Percentage amount of neodymium and praseodymium as a proportion of the total amount of rare earth elements
wt% = Weight percent
-45µm fraction = The portion of a drill sample that passes through a sieve that has hole sizes of 45 microns (45/1000th of a millimetre). This is generally the clay rich fraction.

JORC 2012 EDITION - TABLE 1

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 (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. • Aspects of the determination of mineralisation that are Material to the Public Report. • In cases where 'industry standard' work has been done this would be relatively simple (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.	• All samples were collected through a cyclone into plastic bags at 1 m intervals, then subsampled into ~2kg samples within numbered calico bags, composite samples were created from selected 1 metre intervals, which have been sent for chemical analyses. • Composite intervals were created based upon the geology and colour. As such the composite intervals created vary in length from 2m to 5m. Composite samples weigh roughly 1-2 kg for initial test work. • The Competent Person has reviewed referenced publicly sourced information through the report and considers that sampling was commensurate with industry standards current at the time of drilling and is appropriate for the indication of the presence of mineralisation.
Drilling Techniques	• Drill type (e.g., core, reverse circulation, open hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).	• McLeod Drilling used a Reverse Circulation Aircore drill rig mounted on a 6-wheel drive Toyota Landcruiser. • Aircore drilling uses an 76mm aircore bit with 3 tungsten carbide blades and is a form of drilling where the sample is collected at the face and returned inside the inner tune. The drill cuttings are removed by the injection of compressed air into the hole via the annular area between the inner tube and the drill rod. • Aircore drill rods are 3 m NQ rods. • All aircore drill holes were between 2m and 60m in length • The Competent Person has inspected the drilling program and considers that drilling techniques was commensurate with industry standards current at the time of drilling and is appropriate for the indication of the presence of mineralisation.

Criteria	JORC Code Explanation	Commentary
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 assessment of recoveries was documented • All efforts were made to ensure the sample was representative • No relationship is believed to exist, but no work has been done to confirm this.
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. • Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. • The total length and percentage of the relevant intersections logged.	• All samples were geologically logged to include details such as colour, grain size and clay content. • Collars were located using a handheld GPS • As this is early-stage exploration, collar locations will have to be surveyed to be used in mineral resource estimation. • The holes were logged in both a qualitative and quantitative fashion relative to clay content

Sub-Sampling Techniques and Sample Preparation	• If core, whether cut or sawn and whether quarter, half or all cores taken.
	• If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.
	• For all sample types, the nature, quality, and appropriateness of the sample preparation technique.
	• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.
	• Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.
	• Whether sample sizes are appropriate to the grain size of the material being sampled.
		• All samples were collected through a cyclone into plastic bags at 1 m intervals, then subsampled into ~2kg samples within numbered calico bags, composite samples were created from selected 1 metre intervals, which have been sent for chemical analyses.
		• A full profile of the bag contents was subsampled to ensure representivity
		• All samples were dry
		• Composite intervals were created based upon the geology and colour. As such the composite intervals created vary in length from 2m to 5m. Composite samples weigh roughly 1-2 kg for initial test work.
		• Kaolin rich intervals were subsampled and submitted for kaolin analysis at Bureau Veritas using the following method
		  ○ Screen with 45-micron screen using cold water
		  ○ Retain both fractions
		  ○ Dry each fraction at low temp overnight
		  ○ Record masses
		  ○ Riffle split a 10gm (+45 and -45 fraction) for whole rock assay (14 element oxides), LOI and REEs.

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. • 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 (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	• Whole Rock and REE analysis was undertaken by Bureau Veritas using both the XRF (XRF4B) and ICP-MS (IC4M) techniques • Both the +45 and -45 fraction were analysed for REEs and the bulk sample result was calculated from the relative proportions and REE values of each fraction. **XRF (Detection limits in ppm)** Al (100) As (10) Ba (10) Ca (100) Cr (10) Cu (10) Fe (100) K (100) Mg (100) Mn (10) Na (100) Ni (10) P (10) Pb (10) S (10) Si (100) Ti (100) U (10) W (10) Y (10) Zn (10) Zr (10) **LA-ICP-MS (Detection limits in ppm)** Ag (0.1) As (0.2) Ba (0.5) Be (0.2) Bi (0.02) Cd (0.1) Co (0.1) Cr (1) Cs (0.01) Cu (2) Dy (0.01) Er (0.01) Ga (0.1) Gd (0.01) Hf (0.01) Ho (0.01) In (0.05) La (0.01) Mn (1) Mo (0.2) Nb (0.01) Nd (0.01) Ni (2) Pb (1) Rb (0.05) Re (0.01) Sb (0.1) Sc (0.1) Se (5) Sm(0.01) Sr (0.1) Ta (0.01) Tb (0.01) Te (0.2) Th (0.01) Ti (1) Tm (0.01) U (0.01) V (0.1) W (0.05) Y (0.02) Yb (0.01) Zn (5) Zr (0.5)
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 verification of sampling, no use of twinned holes • Data is exploratory in nature and is compiled into excel spreadsheets • Rare earth element analyses were originally reported in elemental form but have been converted to relevant oxide concentrations as in the industry standard ○ TREO = La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3 ○ CREO = Nd_2O_3 + Eu_2O_3 + Tb_4O_7 + Dy_2O_3 + Y_2O_3 ○ LREO = La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 ○ HREO = Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3 ○ NdPr = Nd_2O_3 + Pr_6O_{11} ○ TREO-Ce = TREO - CeO_2 ○ % NdPr = NdPr/ TREO ○ %HREO = HREO/TREO ○ %LREO = LREO/TREO
Location of Data Points	• Accuracy and quality of surveys used to locate drillholes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. • Specification of the grid system used.	• The location of drill hole collar was undertaken using a hand-held GPS which has an accuracy of +/- 5m using UTM MGA94 Zone 53. • The quality and adequacy are appropriate for this level of exploration.

Criteria	JORC Code Explanation	Commentary
	• Quality and adequacy of topographic control.	
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.	• There is no pattern to the sampling and the spacing is defined by access for the drill rig, geological parameters, and land surface • Data spacing and distribution are sufficient to establish the degree of geological and grade continuity for future drill planning, but not for resource reporting
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.	• It is believed that the drilling has intersected the geology at right angles, however, it is unknown whether the drill holes have interested the mineralisation in a perpendicular manner. The mineralised horizon is obscured by a veneer of transported material. • It is believed there is no bias has been introduced.
Sample Security	• The measures taken to ensure sample security.	• All samples have been in the custody of iTech employees or their contractors and stored on private property with no access from the public. • Best practices were undertaken at the time • All residual sample material (pulps) is stored securely
Audits or Reviews	• The results of any audits or reviews of sampling techniques and data.	• None undertaken.

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.	• Tenement status confirmed on SARIG. • The tenements are in good standing with no known impediments.
Exploration Done by Other Parties	• Acknowledgment and appraisal of exploration by other parties.	• Relevant previous exploration has been undertaken by Shell Company of Australia Pty Ltd, Adelaide Exploration Pty Ltd and Archer Materials Ltd
Geology	• Deposit type, geological setting and style of mineralisation.	• The tenements are within the Gawler Craton, South Australia. • iTech is exploring for porphyry Cu-Au, epithermal Au, kaolin and halloysite and REE deposits. • This release refers to kaolin mineralisation and ion adsorption rare earth elements mineralisation related to lateritic weathering processes on basement rock of the Gawler Craton, in particular the Palaeoproterozoic Miltalie Gneiss and Warrow Quartzite.
Drillhole 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: – Easting and northing of the drill hole collar – Elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar – Dip and azimuth of the hole – Downhole length and interception depth – Hole length • If the exclusion of this information is justified on the basis that the information	• See Appendix 1 for drill hole information.

Criteria	JORC Code Explanation	Commentary
	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.	
Data Aggregation Methods	• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., 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.	• REE analysis intervals were aggregated using downhole sample length weighted averages with a lower cut-off of 350 ppm TREO with no upper limit applied. A maximum internal dilution of 4m @ 200 pmm TREO was used.
Relationship Between Mineralisation Widths and Intercept Lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g., 'downhole length, true width not known').	• All holes are believed to intersect the mineralisation at 90 degrees and therefore represent true widths • All intercepts reported are down hole lengths
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.	• See main body of report
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 avoiding misleading reporting of Exploration Results.	• All other relevant data has been reported • The reporting is considered to be balanced. • A full list of drill holes with significant intercepts >350 ppm can be found in the body of this report • Where data has been excluded, it is not considered material
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,	• The Project area has been subject of significant exploration for base metals, graphite and gold. • All relevant exploration data has been included in this report.

Criteria	JORC Code Explanation	Commentary
	geotechnical and rock characteristics; potential deleterious or contaminating substances.	
Further Work	• The nature and scale of planned further work (e.g., 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.	• Further exploration sampling geochemistry and drilling required at all prosects

Appendix 1.
Drill hole collars – Ethiopia

HOLE ID	EASTING (m)	NORTHING (m)	Azimuth (degrees)	Dip (degrees)	RL (m AHD)	DEPTH (m)
ETAC22_001	652803	6314205	360	-90	362	17
ETAC22_002	652850	6314215	360	-90	357	15
ETAC22_003	652998	6314400	360	-90	357	18
ETAC22_004	652799	6314398	360	-90	360	25
ETAC22_005	652600	6314401	360	-90	365	39
ETAC22_006	652402	6314297	360	-90	358	4
ETAC22_007	652400	6314598	360	-90	355	9
ETAC22_008	652604	6314578	360	-90	361	60
ETAC22_009	652802	6314587	360	-90	358	24
ETAC22_010	652996	6314598	360	-90	344	6
ETAC22_011	653201	6314599	360	-90	340	17
ETAC22_012	653399	6314602	360	-90	345	24
ETAC22_013	653402	6314401	360	-90	352	21
ETAC22_014	653600	6314400	360	-90	351	30
ETAC22_015	653600	6314600	360	-90	345	17
ETAC22_016	653599	6314802	360	-90	337	2
ETAC22_017	653395	6314802	360	-90	355	5
ETAC22_018	653244	6314798	360	-90	339	11
ETAC22_019	653001	6314801	360	-90	338	17
ETAC22_020	652953	6314890	360	-90	337	8
ETAC22_021	653005	6315002	360	-90	337	24
ETAC22_022	653002	6315201	360	-90	334	18
ETAC22_023	652831	6315026	360	-90	343	26

Appendix 2.
Geochemistry tables
Rare Earth Element Analyses

Drillhole	Fraction	Mass Recovery	From (m)	To (m)	CeO_2 (ppm)	La_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_6O_{11} (ppm)	Sm_2O_3 (ppm)	Tb_4O_7 (ppm)	Tm_2O_3 (ppm)	Yb_2O_3 (ppm)	Y_2O_3 (ppm)	TREO (ppm)	TREO-CeO_2 (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)
		%			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1						
ETAC22_001	+45um	78	7	12	47	21	1.7	1	0.6	2	1	0.6	19.2	6	3.5	0.6	1	1	8	115	68	94	21	30	22%
ETAC22_001	+45um	86	12	14	40	16	1.7	1	0.6	2	1	0.6	18.7	5	3.5	0.6	1	1	6	100	60	80	20	28	23%
ETAC22_001	+45um	85	14	17	52	21	2.3	1	0.6	3	1	0.6	23.9	7	4.6	0.6	1	1	9	130	78	104	26	36	24%
ETAC22_002	+45um	67	3	7	220	102	6.3	3	1.7	10	1	0.6	92.7	25	14.5	1.2	1	2	33	516	296	440	76	135	23%
ETAC22_002	+45um	78	7	11	72	30	1.7	1	0.6	3	1	0.6	29.7	10	5.2	0.6	1	1	9	167	95	142	26	42	24%
ETAC22_002	+45um	83	11	15	48	19	2.3	1	0.6	3	1	0.6	23.9	6	4.1	0.6	1	1	10	123	75	97	26	38	24%
ETAC22_003	+45um	77	0	4	75	36	1.7	1	0.6	3	1	0.6	30.9	8	5.2	0.6	1	1	8	175	100	151	24	41	22%
ETAC22_003	+45um	78	4	8	99	43	3.4	1	1.2	5	1	0.6	44.3	11	8.1	0.6	1	1	14	235	136	197	37	63	24%
ETAC22_003	+45um	83	8	12	95	39	2.3	1	0.6	5	1	0.6	43.2	12	8.1	0.6	1	1	9	219	124	189	30	56	25%
ETAC22_003	+45um	80	12	26	78	30	2.3	1	0.6	3	1	0.6	38.5	10	7.0	0.6	1	1	9	185	107	157	28	51	26%
ETAC22_004	+45um	87	2	6	44	19	1.7	1	0.6	2	1	0.6	20.4	6	3.5	0.6	1	1	8	111	67	89	21	31	24%
ETAC22_004	+45um	85	6	10	74	29	2.3	1	0.6	5	1	0.6	34.4	10	7.0	0.6	1	1	9	176	102	147	29	47	25%
ETAC22_004	+45um	86	10	14	50	20	1.7	1	0.6	2	1	0.6	22.2	6	4.1	0.6	1	1	8	120	70	98	22	33	24%
ETAC22_004	+45um	85	14	18	49	19	1.7	1	0.6	3	1	0.6	21.0	6	4.1	0.6	1	1	8	117	69	94	23	32	23%
ETAC22_004	+45um	85	18	22	29	12	1.1	1	0.6	2	1	0.6	11.7	4	2.9	0.6	1	1	8	77	47	56	20	22	20%
ETAC22_005	+45um	70	0	4	27	16	2.3	2	0.6	1	1	0.6	5.8	2	1.2	0.6	1	2	17	81	54	52	30	26	10%
ETAC22_005	+45um	64	4	8	45	25	9.2	8	0.6	6	2	1.7	17.5	5	3.5	1.2	1	10	75	211	165	92	118	103	11%
ETAC22_005	+45um	62	8	12	103	49	4.0	2	0.6	6	1	0.6	39.1	11	7.0	0.6	1	2	24	252	149	202	49	68	20%
ETAC22_005	+45um	51	12	16	82	39	3.4	2	1.2	6	1	0.6	35.0	10	5.8	0.6	1	2	18	208	125	166	42	58	22%
ETAC22_005	+45um	53	16	20	121	56	6.3	3	1.7	8	1	0.6	59.5	16	9.9	1.2	1	3	36	325	204	252	72	104	23%
ETAC22_005	+45um	56	20	24	155	74	9.8	5	1.7	12	2	0.6	70.0	19	12.8	1.8	1	6	55	424	270	318	106	138	21%
ETAC22_005	+45um	61	24	28	92	45	5.2	5	0.6	6	1	0.6	37.9	10	6.4	1.2	1	3	34	248	156	184	64	79	19%
ETAC22_005	+45um	65	28	32	94	45	4.0	2	1.2	6	1	0.6	38.5	10	7.0	0.6	1	2	25	238	144	187	51	70	20%
ETAC22_005	+45um	73	32	36	89	40	3.4	2	1.2	6	1	0.6	35.6	10	6.4	0.6	1	1	17	214	125	174	40	57	21%
ETAC22_005	+45um	78	36	39	90	42	3.4	2	1.2	5	1	0.6	35.0	10	6.4	0.6	1	1	18	217	127	177	40	58	21%
ETAC22_007	+45um	84	1	5	19	8	0.6	1	0.6	1	1	0.6	7.6	2	1.2	0.6	1	1	4	50	31	37	13	13	20%
ETAC22_007	+45um	69	5	7	47	21	2.9	1	0.6	5	1	0.6	18.7	6	4.1	0.6	1	1	17	127	80	92	34	39	19%
ETAC22_008	+45um	59	1	5	93	46	5.2	3	0.6	7	1	0.6	36.2	11	6.4	0.6	1	3	34	250	156	186	64	77	19%
ETAC22_008	+45um	58	5	9	27	14	2.3	2	0.6	1	1	0.6	10.5	2	1.7	0.6	1	2	15	83	56	54	29	29	16%
ETAC22_008	+45um	61	9	13	61	30	4.0	3	0.6	6	1	0.6	23.3	7	4.6	0.6	1	3	29	177	116	122	54	58	17%
ETAC22_008	+45um	56	13	17	100	48	5.7	3	0.6	7	1	0.6	39.7	12	7.0	1.2	1	3	33	263	164	199	64	80	20%
ETAC22_008	+45um	47	17	21	139	67	6.3	3	0.6	9	1	0.6	55.4	16	9.3	1.2	1	3	39	352	214	277	76	103	20%
ETAC22_008	+45um	55	21	25	92	45	4.0	2	0.6	6	1	0.6	36.7	11	6.4	0.6	1	2	27	236	144	184	51	69	20%
ETAC22_008	+45um	60	25	29	133	67	4.6	2	1.2	8	1	0.6	50.2	14	8.1	1.2	1	2	25	320	187	264	56	82	20%
ETAC22_008	+45um	62	29	33	119	61	3.4	2	1.2	7	1	0.6	45.5	13	7.5	0.6	1	2	19	285	166	239	46	70	21%
ETAC22_008	+45um	46	33	37	166	80	13.2	8	1.2	15	2	1.1	67.7	19	12.2	1.8	1	7	83	478	312	333	145	166	18%
ETAC22_008	+45um	50	37	41	193	95	8.0	3	1.7	14	1	0.6	77.6	23	13.9	1.8	1	3	42	479	286	388	91	131	21%
ETAC22_008	+45um	57	41	45	115	55	6.3	3	1.2	9	1	0.6	48.4	13	9.3	1.2	1	5	42	312	197	232	80	99	20%
ETAC22_008	+45um	62	45	49	134	65	5.7	3	1.2	8	1	0.6	54.2	16	9.3	1.2	1	3	37	340	206	268	72	99	21%
ETAC22_008	+45um	67	49	53	65	32	3.4	2	0.6	5	1	0.6	28.0	7	5.8	0.6	1	2	22	176	111	132	44	54	20%

Drillhole	Fraction	Mass Recovery	From (m)	To (m)	CeO_2 (ppm)	La_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_6O_{11} (ppm)	Sm_2O_3 (ppm)	Tb_4O_7 (ppm)	Tm_2O_3 (ppm)	Yb_2O_3 (ppm)	Y_2O_3 (ppm)	TREO (ppm)	TREO-CeO_2 (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)
		%			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1						
ETAC22_008	+45um	70	53	57	45	21	3.4	2	0.6	5	1	0.6	20.4	6	4.1	0.6	1	2	22	135	90	92	42	47	20%
ETAC22_008	+45um	63	57	60	21	11	2.3	1	0.6	2	1	0.6	9.3	2	1.7	0.6	1	1	15	72	50	44	28	28	16%
ETAC22_009	+45um	71	0	2	71	34	2.3	2	0.6	5	1	0.6	27.4	8	5.2	0.6	1	2	17	178	107	141	37	47	20%
ETAC22_009	+45um	74	2	6	58	26	1.7	1	0.6	5	1	0.6	23.9	7	4.6	0.6	1	1	9	141	83	115	26	36	22%
ETAC22_009	+45um	79	6	10	60	26	1.7	1	0.6	2	1	0.6	25.7	7	4.6	0.6	1	1	8	141	81	119	23	36	23%
ETAC22_009	+45um	83	10	14	89	36	2.9	1	0.6	6	1	0.6	39.7	11	7.5	0.6	1	1	14	212	123	176	36	58	24%
ETAC22_009	+45um	74	14	18	113	48	2.3	1	0.6	7	1	0.6	46.7	13	8.7	0.6	1	1	13	258	145	221	37	63	23%
ETAC22_009	+45um	78	18	21	70	30	1.7	1	0.6	5	1	0.6	30.3	8	5.8	0.6	1	1	11	169	99	139	30	45	23%
ETAC22_009	+45um	83	21	24	90	36	4.0	2	0.6	7	1	0.6	40.2	11	7.5	0.6	1	1	24	228	138	178	50	70	22%
ETAC22_010	+45um	82	1	4	76	35	2.3	1	0.6	5	1	0.6	29.2	8	5.8	0.6	1	1	9	176	101	148	28	42	21%
ETAC22_012	+45um	71	1	5	73	35	2.9	2	0.6	5	1	0.6	27.4	8	5.2	0.6	1	1	18	182	109	144	38	49	20%
ETAC22_012	+45um	57	5	9	63	29	9.2	8	0.6	7	2	1.1	25.1	7	5.2	1.2	1	8	79	247	184	124	122	115	13%
ETAC22_012	+45um	46	9	13	134	62	15.5	11	0.6	14	3	1.7	56.6	16	11.0	2.4	2	11	122	464	330	268	195	197	16%
ETAC22_012	+45um	56	13	16	117	54	6.9	5	0.6	8	1	0.6	45.5	13	9.3	1.2	1	5	50	318	200	230	87	104	19%
ETAC22_012	+45um	72	16	19	64	32	5.7	3	0.6	6	1	0.6	25.1	7	5.2	0.6	1	3	41	197	132	128	68	73	16%
ETAC22_013	+45um	52	1	5	138	59	5.2	3	0.6	9	1	0.6	61.2	17	11.0	1.2	1	3	33	344	207	274	70	101	23%
ETAC22_013	+45um	66	5	9	130	53	2.9	1	0.6	7	1	0.6	60.1	17	10.4	0.6	1	1	14	300	170	260	40	78	26%
ETAC22_013	+45um	73	9	13	115	48	4.0	2	1.2	7	1	0.6	53.1	14	9.9	0.6	1	1	23	282	167	231	52	82	24%
ETAC22_014	+45um	74	0	4	87	36	2.9	1	0.6	6	1	0.6	40.8	11	8.1	0.6	1	1	17	214	128	175	40	61	24%
ETAC22_014	+45um	74	4	8	170	68	5.2	2	0.6	10	1	0.6	80.5	22	13.9	1.2	1	2	30	409	239	340	69	118	25%
ETAC22_014	+45um	71	8	12	167	65	6.3	3	0.6	10	1	0.6	77.6	22	13.9	1.2	1	2	37	409	242	331	78	122	24%
ETAC22_015	+45um	74	4	7	57	27	2.3	1	0.6	5	1	0.6	23.3	7	5.2	0.6	1	1	15	148	91	115	34	42	21%
ETAC22_015	+45um	76	7	11	63	28	2.9	1	0.6	5	1	0.6	26.2	7	5.2	0.6	1	1	15	159	96	124	34	46	21%
ETAC22_020	+45um	73	1	5	83	36	1.7	1	0.6	5	1	0.6	35.0	10	6.4	0.6	1	1	10	193	110	164	29	48	23%
ETAC22_020	+45um	77	5	8	93	39	2.3	1	0.6	5	1	0.6	41.4	12	7.0	0.6	1	1	11	217	124	186	32	56	25%
ETAC22_021	+45um	47	0	2	32	15	1.1	1	0.6	1	1	0.6	12.2	4	2.3	0.6	1	1	6	80	48	63	17	21	20%
ETAC22_021	+45um	67	2	5	85	41	1.7	1	0.6	5	1	0.6	26.8	8	4.6	0.6	1	1	8	186	101	161	25	37	19%
ETAC22_021	+45um	63	5	9	72	32	1.1	1	0.6	5	1	0.6	32.1	8	5.8	0.6	1	1	8	170	98	145	25	42	24%
ETAC22_021	+45um	63	9	13	53	23	1.1	1	0.6	2	1	0.6	23.9	7	4.6	0.6	1	1	5	128	74	108	19	31	24%
ETAC22_021	+45um	67	13	17	55	25	1.1	1	0.6	2	1	0.6	23.9	7	4.6	0.6	1	1	5	130	75	110	19	31	24%
ETAC22_021	+45um	71	17	21	49	21	1.1	1	0.6	2	1	0.6	22.7	6	4.1	0.6	1	1	5	118	69	99	19	30	24%
ETAC22_022	+45um	43	0	2	39	16	1.1	1	0.6	2	1	0.6	17.5	5	2.9	0.6	1	1	6	97	58	78	19	26	23%
ETAC22_022	+45um	76	2	6	150	62	2.3	1	0.6	7	1	0.6	67.7	18	11.0	0.6	1	1	10	334	185	298	37	81	26%
ETAC22_022	+45um	71	6	9	96	45	2.3	1	0.6	5	1	0.6	40.2	12	7.0	0.6	1	1	14	227	131	193	34	58	23%
ETAC22_022	+45um	73	9	12	55	23	1.7	1	0.6	2	1	0.6	24.5	7	4.6	0.6	1	1	11	136	82	110	26	39	23%
ETAC22_023	+45um	55	0	4	94	39	2.3	1	0.6	6	1	0.6	43.2	12	8.1	0.6	1	1	14	224	130	188	36	61	25%
ETAC22_023	+45um	62	4	8	135	56	3.4	1	0.6	7	1	0.6	61.2	17	11.0	0.6	1	1	15	312	177	270	43	81	25%
ETAC22_023	+45um	58	8	12	91	36	2.3	1	0.6	6	1	0.6	42.6	11	7.5	0.6	1	1	11	214	123	181	33	57	25%
ETAC22_023	+45um	69	12	16	83	36	2.3	1	0.6	5	1	0.6	37.3	11	7.0	0.6	1	1	10	198	115	167	30	51	24%
ETAC22_023	+45um	74	16	20	74	32	1.7	1	0.6	5	1	0.6	32.7	8	6.4	0.6	1	1	9	174	101	146	28	44	24%
ETAC22_024	+45um	58	0	4	135	57	3.4	1	0.6	7	1	0.6	60.7	17	10.4	0.6	1	1	15	312	177	270	42	81	25%
ETAC22_024	+45um	40	4	8	165	67	4.6	2	0.6	9	1	0.6	77.6	21	12.8	1.2	1	2	24	389	225	330	60	108	25%
ETAC22_001	-45um	21	7	12	353	167	6.9	2	1.7	14	1	0.6	137.6	40	23.8	1.8	1	2	30	782	430	697	86	179	23%
ETAC22_001	-45um	14	12	14	268	110	7.5	3	1.2	14	1	0.6	110.8	31	22.0	1.8	1	3	34	610	343	520	90	155	23%

Drillhole	Fraction	Mass Recovery	From (m)	To (m)	CeO_2 (ppm)	La_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_6O_{11} (ppm)	Sm_2O_3 (ppm)	Tb_4O_7 (ppm)	Tm_2O_3 (ppm)	Yb_2O_3 (ppm)	Y_2O_3 (ppm)	TREO (ppm)	TREO-CeO_2 (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)
		%			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1						
ETAC22_001	-45um	14	14	17	367	148	13.8	6	2.3	22	2	0.6	156.3	45	29.6	2.9	1	7	75	878	511	716	162	250	23%
ETAC22_002	-45um	31	3	7	393	185	11.5	5	2.9	20	2	0.6	144.6	43	24.9	2.4	1	5	53	894	501	767	128	215	21%
ETAC22_002	-45um	19	7	11	663	290	16.1	5	4.1	32	2	0.6	269.4	76	43.5	3.5	1	5	62	1473	810	1299	175	355	23%
ETAC22_002	-45um	17	11	15	339	135	10.9	5	2.3	21	2	0.6	157.5	42	29.6	2.9	1	5	51	804	465	674	130	224	25%
ETAC22_003	-45um	23	0	4	441	205	8.6	3	1.2	20	1	0.6	175.0	51	30.7	1.8	1	2	33	975	534	872	103	220	23%
ETAC22_003	-45um	21	4	8	349	167	6.3	3	1.7	13	1	0.6	128.3	37	20.9	1.2	1	2	28	760	412	681	79	165	22%
ETAC22_003	-45um	17	8	12	511	222	8.0	3	2.3	20	1	0.6	210.0	60	34.8	1.8	1	2	30	1109	598	1003	106	253	24%
ETAC22_003	-45um	19	12	26	445	185	8.6	3	2.3	18	1	0.6	199.5	56	31.9	1.8	1	3	36	993	549	885	108	248	26%
ETAC22_004	-45um	12	2	6	372	152	10.9	5	1.7	21	2	0.6	162.1	45	30.7	2.9	1	3	50	860	488	732	129	227	24%
ETAC22_004	-45um	15	6	10	296	121	9.8	5	1.2	18	2	0.6	134.1	36	26.1	2.4	1	3	47	704	408	587	117	194	24%
ETAC22_004	-45um	13	10	14	348	137	9.8	3	1.2	20	1	0.6	155.1	43	29.6	2.4	1	3	46	801	454	683	118	214	25%
ETAC22_004	-45um	13	14	18	307	124	9.2	5	1.2	17	1	0.6	141.1	37	26.1	2.4	1	5	46	724	417	610	114	200	25%
ETAC22_004	-45um	14	18	22	134	56	4.6	2	0.6	8	1	0.6	58.3	16	11.6	1.2	1	2	23	321	187	264	56	88	23%
ETAC22_005	-45um	30	0	4	63	38	2.3	2	0.6	2	1	0.6	16.3	6	2.9	0.6	1	2	15	154	91	123	31	35	15%
ETAC22_005	-45um	35	4	8	89	56	3.4	2	0.6	3	1	0.6	27.4	10	4.1	0.6	1	2	20	222	133	182	40	52	17%
ETAC22_005	-45um	38	8	12	135	79	5.2	3	1.2	6	1	0.6	43.2	13	7.0	1.2	1	3	28	328	193	270	58	79	17%
ETAC22_005	-45um	49	12	16	130	60	5.7	3	1.7	8	1	0.6	55.4	14	9.9	1.2	1	3	32	328	198	260	68	96	21%
ETAC22_005	-45um	46	16	20	109	53	5.7	3	1.7	8	1	0.6	50.7	13	9.3	1.2	1	3	32	294	184	226	67	91	22%
ETAC22_005	-45um	43	20	24	133	66	6.9	5	1.7	9	1	0.6	58.3	16	10.4	1.2	1	5	34	348	215	272	76	102	21%
ETAC22_005	-45um	38	24	28	151	75	5.7	3	1.7	9	1	0.6	60.1	17	9.9	1.2	1	3	30	371	220	303	68	99	21%
ETAC22_005	-45um	34	28	32	162	90	5.7	3	1.7	8	1	0.6	61.8	17	9.9	1.2	1	3	29	397	235	331	65	100	20%
ETAC22_005	-45um	26	32	36	450	188	20.7	8	7.5	33	3	1.1	199.5	52	37.1	4.1	1	8	94	1107	658	889	218	326	23%
ETAC22_005	-45um	21	36	39	179	91	5.7	3	2.3	9	1	0.6	64.7	18	11.0	1.2	1	2	28	420	240	354	66	102	20%
ETAC22_007	-45um	16	1	5	147	67	3.4	1	0.6	7	1	0.6	57.2	16	9.3	0.6	1	1	15	328	181	287	41	77	22%
ETAC22_007	-45um	30	5	7	101	46	4.0	2	1.2	6	1	0.6	39.7	11	7.0	0.6	1	2	22	244	144	197	47	67	21%
ETAC22_008	-45um	41	1	5	127	66	6.3	3	1.2	8	1	0.6	46.7	13	8.1	1.2	1	5	41	328	202	252	76	96	18%
ETAC22_008	-45um	40	5	9	134	70	5.2	3	1.7	7	1	0.6	46.1	14	7.5	1.2	1	3	30	328	194	265	63	85	18%
ETAC22_008	-45um	39	9	13	160	82	7.5	5	1.7	9	1	0.6	54.2	16	9.3	1.2	1	5	48	401	241	312	89	113	17%
ETAC22_008	-45um	42	13	17	157	86	6.3	3	1.2	8	1	0.6	53.7	16	8.7	1.2	1	3	37	384	227	312	72	99	18%
ETAC22_008	-45um	52	17	21	199	106	6.3	3	1.2	9	1	0.6	65.9	21	11.0	1.2	1	3	37	466	267	391	75	111	19%
ETAC22_008	-45um	45	21	25	139	70	6.3	5	1.2	8	1	0.6	50.2	14	8.1	1.2	1	5	39	350	211	274	76	98	18%
ETAC22_008	-45um	39	25	29	110	56	5.2	3	1.2	7	1	0.6	39.7	12	6.4	0.6	1	3	33	281	171	218	63	80	18%
ETAC22_008	-45um	37	29	33	141	70	5.7	3	1.2	8	1	0.6	54.2	16	8.7	1.2	1	2	30	345	204	282	64	93	20%
ETAC22_008	-45um	54	33	37	151	69	9.8	6	1.2	12	2	0.6	61.2	17	11.0	1.8	1	5	62	410	259	298	112	136	19%
ETAC22_008	-45um	50	37	41	95	48	5.2	3	1.2	7	1	0.6	36.7	11	6.4	0.6	1	3	30	251	156	191	60	74	19%
ETAC22_008	-45um	42	41	45	82	40	4.6	3	1.2	6	1	0.6	33.8	10	6.4	0.6	1	3	30	224	142	166	59	71	19%
ETAC22_008	-45um	38	45	49	103	50	5.2	3	1.2	7	1	0.6	38.5	11	7.0	0.6	1	3	34	267	165	202	65	80	18%
ETAC22_008	-45um	32	49	53	84	43	4.6	3	1.2	7	1	0.6	32.7	8	6.4	0.6	1	3	30	228	144	169	60	69	18%
ETAC22_008	-45um	29	53	57	127	53	6.9	3	2.3	9	1	0.6	49.0	13	8.7	1.2	1	3	39	319	192	242	77	99	20%
ETAC22_008	-45um	37	57	60	61	26	2.9	1	1.2	3	1	0.6	26.8	7	5.2	0.6	1	1	17	156	95	121	35	48	22%
ETAC22_009	-45um	28	0	2	181	81	4.0	2	0.6	9	1	0.6	74.1	21	12.8	0.6	1	2	23	414	233	356	57	102	23%
ETAC22_009	-45um	25	2	6	228	101	5.2	2	1.2	10	1	0.6	93.3	28	16.8	1.2	1	2	28	520	292	450	70	129	23%
ETAC22_009	-45um	21	6	10	247	103	5.2	2	1.2	12	1	0.6	106.7	30	19.1	1.2	1	2	28	561	314	487	74	142	24%
ETAC22_009	-45um	17	10	14	324	134	9.8	3	1.7	18	1	0.6	143.5	40	28.4	2.4	1	3	46	757	433	641	116	203	24%

Drillhole	Fraction	Mass Recovery	From (m)	To (m)	CeO_2 (ppm)	La_2O_3 (ppm)	Dy_2O_3 (ppm)	Er_2O_3 (ppm)	Eu_2O_3 (ppm)	Gd_2O_3 (ppm)	Ho_2O_3 (ppm)	Lu_2O_3 (ppm)	Nd_2O_3 (ppm)	Pr_6O_{11} (ppm)	Sm_2O_3 (ppm)	Tb_4O_7 (ppm)	Tm_2O_3 (ppm)	Yb_2O_3 (ppm)	Y_2O_3 (ppm)	TREO (ppm)	TREO-CeO_2 (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)	NdPr (%)
		%			1	1	0.5	1	0.5	1	1	0.5	0.5	1	0.5	0.5	1	1	1						
ETAC22_009	-45um	26	14	18	324	136	8.6	3	1.7	18	1	0.6	135.3	37	26.1	1.8	1	3	43	743	418	633	110	191	23%
ETAC22_009	-45um	21	18	21	276	115	8.6	3	1.2	16	1	0.6	120.1	34	23.2	1.8	1	3	43	649	373	545	104	175	24%
ETAC22_009	-45um	16	21	24	235	95	10.9	5	1.7	18	2	0.6	102.6	29	21.5	2.4	1	3	57	585	351	461	124	175	22%
ETAC22_010	-45um	17	1	4	312	147	6.9	2	1.2	16	1	0.6	116.6	35	22.6	1.8	1	2	33	699	387	610	89	159	22%
ETAC22_012	-45um	28	1	5	149	70	5.7	3	1.2	8	1	0.6	57.7	17	9.9	1.2	1	3	37	366	218	294	73	103	20%
ETAC22_012	-45um	42	5	9	144	67	5.7	3	2.3	9	1	0.6	59.5	16	11.0	1.2	1	2	37	361	217	286	75	106	21%
ETAC22_012	-45um	53	9	13	181	81	8.0	5	2.3	12	1	0.6	80.5	24	15.1	1.8	1	5	53	470	290	366	104	146	22%
ETAC22_012	-45um	43	13	16	114	50	8.6	6	2.3	10	2	1.1	47.8	13	9.9	1.8	1	6	81	356	242	226	130	142	17%
ETAC22_012	-45um	27	16	19	101	47	7.5	5	1.2	8	1	0.6	40.8	11	7.5	1.2	1	5	53	290	189	199	91	104	18%
ETAC22_013	-45um	47	1	5	276	118	6.9	3	2.3	15	1	0.6	120.1	34	20.3	1.2	1	2	33	636	360	549	87	164	24%
ETAC22_013	-45um	33	5	9	316	128	6.3	2	1.7	16	1	0.6	149.3	40	25.5	1.8	1	1	28	718	403	633	86	187	26%
ETAC22_013	-45um	26	9	13	278	113	8.0	3	1.7	17	1	0.6	129.5	36	23.8	1.8	1	3	42	660	383	556	104	183	25%
ETAC22_014	-45um	25	0	4	248	100	8.0	3	1.2	15	1	0.6	110.2	31	20.9	1.8	1	3	41	587	338	489	97	162	24%
ETAC22_014	-45um	26	4	8	318	128	11.5	6	1.2	18	2	0.6	145.8	40	27.3	2.4	1	5	63	770	452	632	138	224	24%
ETAC22_014	-45um	29	8	12	397	152	11.5	5	1.2	24	2	0.6	177.3	50	33.0	2.4	1	2	57	916	520	776	140	249	25%
ETAC22_015	-45um	24	4	7	292	125	10.3	5	1.2	18	1	0.6	127.1	35	24.9	2.4	1	3	51	699	407	580	119	192	23%
ETAC22_015	-45um	23	7	11	270	114	7.5	3	1.2	15	1	0.6	112.6	33	20.9	1.2	1	2	39	623	353	529	94	162	23%
ETAC22_020	-45um	25	1	5	308	129	5.7	2	1.2	14	1	0.6	128.3	37	22.0	1.2	1	1	25	679	370	603	76	162	24%
ETAC22_020	-45um	22	5	8	322	135	5.2	2	0.6	14	1	0.6	141.1	40	22.6	1.2	1	1	23	710	388	638	73	171	25%
ETAC22_021	-45um	53	0	2	66	30	2.3	1	0.6	3	1	0.6	26.8	7	5.2	0.6	1	1	10	158	92	131	27	40	22%
ETAC22_021	-45um	32	2	5	167	72	4.0	1	1.2	7	1	0.6	56.0	18	9.9	0.6	1	1	14	354	187	313	42	76	21%
ETAC22_021	-45um	36	5	9	356	148	5.2	2	1.2	15	1	0.6	152.8	42	26.1	1.2	1	1	24	778	422	699	79	184	25%
ETAC22_021	-45um	36	9	13	446	194	6.3	2	1.2	18	1	0.6	187.8	53	30.7	1.8	1	1	25	970	525	880	90	222	25%
ETAC22_021	-45um	32	13	17	593	267	7.5	2	1.7	22	1	0.6	230.9	66	38.8	1.8	1	1	34	1270	677	1158	112	276	23%
ETAC22_021	-45um	28	17	21	677	298	7.5	2	1.7	22	1	0.6	251.9	75	39.4	1.8	1	1	30	1411	734	1302	109	293	23%
ETAC22_022	-45um	55	0	2	146	63	4.0	2	0.6	8	1	0.6	63.0	17	10.4	0.6	1	2	19	340	193	289	50	87	24%
ETAC22_022	-45um	22	2	6	468	188	7.5	2	1.2	20	1	0.6	207.6	57	34.8	1.8	1	2	33	1025	557	920	105	251	26%
ETAC22_022	-45um	27	6	9	482	205	8.0	3	1.2	22	1	0.6	200.6	58	33.6	1.8	1	2	38	1059	577	945	113	250	24%
ETAC22_022	-45um	26	9	12	642	263	9.8	3	1.7	25	1	0.6	257.8	76	42.3	2.4	1	3	50	1380	737	1239	141	321	24%
ETAC22_023	-45um	43	0	4	177	75	4.6	2	0.6	9	1	0.6	78.7	22	13.9	1.2	1	1	20	409	232	352	56	105	25%
ETAC22_023	-45um	37	4	8	200	88	4.6	1	0.6	10	1	0.6	85.7	24	15.7	1.2	1	1	18	453	253	398	55	110	24%
ETAC22_023	-45um	41	8	12	353	147	6.9	2	1.2	17	1	0.6	157.5	42	27.3	1.8	1	1	29	789	436	699	90	196	25%
ETAC22_023	-45um	30	12	16	371	154	6.3	2	1.2	17	1	0.6	159.8	45	27.8	1.8	1	1	27	816	445	729	87	196	25%
ETAC22_023	-45um	25	16	20	446	189	7.5	2	1.7	18	1	0.6	185.5	53	30.7	1.8	1	1	29	969	523	873	96	226	25%
ETAC22_024	-45um	41	0	4	248	108	4.6	2	0.6	10	1	0.6	105.6	30	18.0	1.2	1	1	20	553	305	492	61	132	25%
ETAC22_024	-45um	59	4	8	243	108	4.6	1	0.6	10	1	0.6	96.8	29	15.7	1.2	1	1	20	535	292	477	58	123	24%

Whole Rock Analyses

Drillhole	Fraction	Mass Recovery	From (m)	To (m)	Fe_2O_3 (%)	SiO_2 (%)	Al_2O_3 (%)	CaO (%)	K_2O (%)	Mn (%)	Na_2O (%)	MgO (%)	P (%)	S (%)	TiO_2 (%)	Cl (%)	LOI (%)
		%			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.001	0.01	0.001	0.01
ETAC22_001	+45um	78	7	12	0.46	79.3	11.2	0.13	6.76	0.01	1.14	0.06	0.058	0.001	0.09	0.016	0.55
ETAC22_001	+45um	86	12	14	0.46	77.64	12.5	0.24	6.72	0.01	2.01	0.08	0.065	0.001	0.07	0.007	0.45
ETAC22_001	+45um	85	14	17	0.73	76.67	12.8	0.3	6.22	0.02	2.14	0.15	0.062	0.001	0.09	0.015	0.72
ETAC22_002	+45um	67	3	7	0.76	79.43	11.9	0.12	4.25	0.01	0.65	0.16	0.03	0.003	0.64	0.001	1.87
ETAC22_002	+45um	78	7	11	0.58	77.47	12.4	0.28	5.77	0.01	2.04	0.13	0.073	0.002	0.16	0.004	0.64
ETAC22_002	+45um	83	11	15	0.53	76.48	13.4	0.47	5.13	0.01	3.06	0.05	0.066	0.003	0.06	0.009	0.56
ETAC22_003	+45um	77	0	4	0.37	80.21	10.7	0.03	6.82	0.01	0.49	0.04	0.043	0.003	0.18	0.009	0.76
ETAC22_003	+45um	78	4	8	3.23	74.52	11.7	0.12	5.77	0.01	0.72	1.26	0.036	0.004	0.58	0.013	1.47
ETAC22_003	+45um	83	8	12	0.47	77.57	12.1	0.11	7.23	0.01	1.42	0.08	0.05	0.002	0.16	0.007	0.45
ETAC22_003	+45um	80	12	26	0.6	76.89	12.4	0.17	6.83	0.01	1.62	0.15	0.052	0.002	0.16	0.008	0.58
ETAC22_004	+45um	87	2	6	0.98	76.73	12.8	0.42	5.56	0.01	2.56	0.26	0.07	0.001	0.13	0.008	0.38
ETAC22_004	+45um	85	6	10	1.12	76.61	12.5	0.45	5.18	0.01	2.54	0.37	0.07	0.001	0.16	0.005	0.4
ETAC22_004	+45um	86	10	14	0.8	76.79	12.4	0.35	6.05	0.01	2.23	0.26	0.074	0.002	0.13	0.008	0.28
ETAC22_004	+45um	85	14	18	0.87	76.87	12.4	0.29	6.54	0.01	1.99	0.25	0.064	0.002	0.11	0.012	0.27
ETAC22_004	+45um	85	18	22	0.76	77.22	12.4	0.38	5.93	0.01	2.17	0.18	0.062	0.001	0.09	0.008	0.45
ETAC22_005	+45um	70	0	4	0.62	82.81	11.7	0.04	1.45	0.01	0.09	0.17	0.007	0.005	0.08	0.001	3.26
ETAC22_005	+45um	64	4	8	0.83	86.73	8.16	0.02	2	0.01	0.1	0.13	0.008	0.003	0.08	0.007	1.72
ETAC22_005	+45um	62	8	12	1.03	86.43	7.91	0.02	1.92	0.01	0.09	0.35	0.005	0.002	0.15	0.001	1.62
ETAC22_005	+45um	51	12	16	1.93	89.71	4.87	0.03	1.18	0.01	0.09	0.72	0.006	0.004	0.23	0.009	1.1
ETAC22_005	+45um	53	16	20	2.28	86.37	6.72	0.03	1.24	0.01	0.09	0.89	0.01	0.002	0.27	0.01	1.76
ETAC22_005	+45um	56	20	24	1.82	87.11	7.09	0.02	1.44	0.01	0.09	0.78	0.01	0.001	0.22	0.01	1.63
ETAC22_005	+45um	61	24	28	1.94	84.97	7.96	0.02	2.1	0.01	0.11	0.82	0.006	0.002	0.25	0.011	1.51
ETAC22_005	+45um	65	28	32	2.34	80.9	10.7	0.02	2.84	0.01	0.19	0.5	0.017	0.004	0.17	0.01	1.98
ETAC22_005	+45um	73	32	36	1.18	85.9	7.82	0.02	3.44	0.01	0.15	0.44	0.02	0.006	0.14	0.012	1.03
ETAC22_005	+45um	78	36	39	2.41	75.34	12.7	0.02	5.97	0.01	0.21	1.07	0.025	0.002	0.32	0.022	1.56
ETAC22_007	+45um	84	1	5	0.53	97.26	1.23	0.02	0.16	0.01	0.02	0.04	0.004	0.001	0.06	0.012	0.4
ETAC22_007	+45um	69	5	7	0.48	95.14	3.02	0.01	0.39	0.01	0.02	0.05	0.005	0.001	0.07	0.005	0.79
ETAC22_008	+45um	59	1	5	0.51	85.94	9.28	0.03	0.96	0.01	0.1	0.09	0.007	0.003	0.17	0.003	2.78
ETAC22_008	+45um	58	5	9	0.52	89.36	7.25	0.01	1.14	0.01	0.1	0.07	0.004	0.003	0.08	0.01	1.76
ETAC22_008	+45um	61	9	13	0.55	87.91	7.79	0.01	1.39	0.01	0.05	0.09	0.007	0.003	0.11	0.005	1.72
ETAC22_008	+45um	56	13	17	0.51	89.9	6.33	0.01	0.91	0.01	0.09	0.07	0.008	0.006	0.17	0.003	1.6
ETAC22_008	+45um	47	17	21	0.45	94.54	3.25	0.01	0.58	0.01	0.04	0.06	0.013	0.002	0.09	0.001	0.71
ETAC22_008	+45um	55	21	25	0.54	92.03	4.98	0.01	0.71	0.01	0.06	0.05	0.01	0.002	0.14	0.001	1.26
ETAC22_008	+45um	60	25	29	0.69	93.49	3.72	0.01	0.6	0.01	0.05	0.03	0.011	0.003	0.1	0.001	0.88
ETAC22_008	+45um	62	29	33	2.66	48.31	34.2	0.03	2.28	0.01	0.12	0.34	0.02	0.011	1.55	0.003	10.7
ETAC22_008	+45um	46	33	37	1.05	91.99	4.52	0.01	0.61	0.01	0.04	0.05	0.016	0.006	0.1	0.007	1.21
ETAC22_008	+45um	50	37	41	3.87	75.69	12.3	0.03	2.99	0.01	0.16	1.44	0.014	0.006	0.42	0.019	2.75
ETAC22_008	+45um	57	41	45	3.9	79.72	9.79	0.02	2.71	0.02	0.14	1.31	0.01	0.009	0.43	0.011	2.01
ETAC22_008	+45um	62	45	49	2.5	78.78	11.1	0.03	3.21	0.01	0.15	1.14	0.012	0.005	0.3	0.013	2.2
ETAC22_008	+45um	67	49	53	2.6	78.79	10.8	0.02	3.2	0.01	0.14	1.95	0.008	0.002	0.36	0.008	2.04
ETAC22_008	+45um	70	53	57	1.73	80.13	10.7	0.02	4.79	0.01	0.25	1.04	0.025	0.003	0.23	0.015	1.29
ETAC22_008	+45um	63	57	60	1.49	88.65	6.26	0.21	1.81	0.01	0.78	0.43	0.015	0.002	0.09	0.011	0.66

Drillhole	Fraction	Mass Recovery	From (m)	To (m)	Fe_2O_3 (%)	SiO_2 (%)	Al_2O_3 (%)	CaO (%)	K_2O (%)	Mn (%)	Na_2O (%)	MgO (%)	P (%)	S (%)	TiO_2 (%)	Cl (%)	LOI (%)
		%			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.001	0.01	0.001	0.01
ETAC22_009	+45um	71	0	2	1.45	80.39	10.2	0.07	5.75	0.01	0.29	0.15	0.04	0.003	0.13	0.005	1.17
ETAC22_009	+45um	74	2	6	1.75	79.49	10.2	0.05	6.69	0.01	0.38	0.1	0.038	0.003	0.1	0.011	0.79
ETAC22_009	+45um	79	6	10	1.43	77.23	11.6	0.08	7.34	0.01	0.82	0.12	0.051	0.003	0.1	0.003	0.73
ETAC22_009	+45um	83	10	14	1.04	77.27	12.2	0.11	6.41	0.01	1.5	0.17	0.048	0.002	0.13	0.002	0.84
ETAC22_009	+45um	74	14	18	0.82	78.05	11.9	0.1	6.83	0.01	1.17	0.19	0.046	0.006	0.12	0.017	0.71
ETAC22_009	+45um	78	18	21	0.99	77.89	11.9	0.1	6.78	0.01	1.29	0.17	0.048	0.004	0.1	0.012	0.66
ETAC22_009	+45um	83	21	24	1.16	76.81	12.4	0.15	6.5	0.01	1.46	0.23	0.048	0.001	0.14	0.006	0.83
ETAC22_010	+45um	82	1	4	0.61	77.12	12.7	0.12	6.64	0.01	1.45	0.07	0.033	0.002	0.08	0.003	0.98
ETAC22_012	+45um	71	1	5	0.68	78.95	14	0.02	1.15	0.01	0.03	0.14	0.009	0.003	0.28	0.005	4.46
ETAC22_012	+45um	57	5	9	0.5	87.95	7.9	0.01	0.6	0.01	0.03	0.08	0.01	0.003	0.12	0.006	2.35
ETAC22_012	+45um	46	9	13	0.56	88.19	7.84	0.02	0.67	0.01	0.03	0.07	0.016	0.009	0.08	0.01	2.33
ETAC22_012	+45um	56	13	16	0.68	88.11	6.98	0.02	2.59	0.01	0.11	0.06	0.023	0.002	0.04	0.008	1.18
ETAC22_012	+45um	72	16	19	2.81	77.87	11.3	0.08	4.23	0.01	0.38	0.68	0.03	0.005	0.29	0.011	2.19
ETAC22_013	+45um	52	1	5	0.57	88.48	7.13	0.08	1.34	0.01	0.07	0.03	0.019	0.001	0.09	0.002	1.95
ETAC22_013	+45um	66	5	9	0.31	82.02	9.55	0.02	6.57	0.01	0.37	0.01	0.045	0.002	0.12	0.004	0.54
ETAC22_013	+45um	73	9	13	1.19	78.15	11.2	0.04	7.33	0.01	0.37	0.25	0.043	0.002	0.19	0.015	0.74
ETAC22_014	+45um	74	0	4	0.86	80.27	10.3	0.09	6.46	0.01	0.86	0.16	0.062	0.002	0.12	0.009	0.58
ETAC22_014	+45um	74	4	8	1.23	79.03	10.9	0.25	5.33	0.01	1.48	0.22	0.061	0.001	0.18	0.004	0.89
ETAC22_014	+45um	71	8	12	0.95	75.92	12.5	0.12	7.48	0.01	1.17	0.2	0.075	0.002	0.23	0.004	0.86
ETAC22_015	+45um	74	4	7	0.43	80.38	10.5	0.02	6.86	0.01	0.35	0.01	0.05	0.001	0.06	0.004	0.9
ETAC22_015	+45um	76	7	11	0.38	80.32	10.5	0.04	7.47	0.01	0.57	0.07	0.054	0.003	0.05	0.01	0.41
ETAC22_020	+45um	73	1	5	0.44	80.13	10.8	0.02	6.67	0.01	0.34	0.03	0.044	0.001	0.12	0.003	1
ETAC22_020	+45um	77	5	8	0.4	78.64	12.4	0.02	6.97	0.01	0.44	0.06	0.047	0.002	0.14	0.008	1.21
ETAC22_021	+45um	47	0	2	1.87	77.56	11.1	0.04	1.44	0.05	0.08	0.07	0.011	0.004	3.46	0.007	3.82
ETAC22_021	+45um	67	2	5	1.64	66.72	19.6	0.01	1.04	0.05	0.04	0.09	0.014	0.01	3.47	0.004	6.92
ETAC22_021	+45um	63	5	9	0.25	83.72	8.9	0.01	5.67	0.01	0.28	0.03	0.043	0.002	0.11	0.001	0.85
ETAC22_021	+45um	63	9	13	0.23	82.92	8.79	0.02	6.7	0.01	0.38	0.03	0.048	0.001	0.09	0.004	0.33
ETAC22_021	+45um	67	13	17	0.41	81.29	9.79	0.02	7.1	0.01	0.47	0.08	0.055	0.001	0.12	0.004	0.38
ETAC22_021	+45um	71	17	21	0.52	80.67	10.5	0.11	5.96	0.01	1.08	0.1	0.044	0.003	0.15	0.003	0.64
ETAC22_022	+45um	43	0	2	0.85	87.79	3.42	0.05	1.98	0.01	0.15	0.04	0.019	0.006	0.27	0.003	5.7
ETAC22_022	+45um	76	2	6	0.37	76.77	13.7	0.02	5.26	0.01	0.28	0.05	0.042	0.004	0.34	0.002	2.96
ETAC22_022	+45um	71	6	9	0.36	81.11	10.7	0.02	5.98	0.01	0.32	0.02	0.047	0.003	0.13	0.004	1.38
ETAC22_022	+45um	73	9	12	0.41	79.1	11.2	0.12	7.06	0.01	0.95	0.07	0.063	0.002	0.08	0.006	0.5
ETAC22_023	+45um	55	0	4	0.49	89.24	6.49	0.07	0.39	0.01	0.06	0.06	0.01	0.003	0.23	0.002	2.69
ETAC22_023	+45um	62	4	8	0.36	83.84	10.6	0.01	1	0.01	0.05	0.04	0.014	0.004	0.25	0.001	3.59
ETAC22_023	+45um	58	8	12	0.38	84.97	7.82	0.01	5.48	0.01	0.27	0.01	0.042	0.001	0.11	0.007	0.48
ETAC22_023	+45um	69	12	16	0.33	84.38	8.21	0.01	5.99	0.01	0.27	0.03	0.039	0.001	0.13	0.001	0.44
ETAC22_023	+45um	74	16	20	0.48	80.06	10.3	0.03	7.54	0.01	0.69	0.05	0.054	0.001	0.11	0.004	0.35
ETAC22_024	+45um	58	0	4	0.32	86.44	8.99	0.02	0.24	0.01	0.03	0.04	0.01	0.003	0.15	0.003	3.35
ETAC22_024	+45um	40	4	8	0.48	94.02	3.78	0.01	0.28	0.01	0.03	0.03	0.014	0.003	0.12	0.001	1.11
ETAC22_001	-45um	21	7	12	3.5	53.65	28.3	0.28	3.25	0.01	0.85	0.8	0.052	0.008	0.86	0.007	8.32
ETAC22_001	-45um	14	12	14	4.61	54.64	25.6	0.43	4.13	0.01	1.45	1.23	0.045	0.004	0.93	0.004	6.61
ETAC22_001	-45um	14	14	17	7.33	52.09	22.8	1.35	3.68	0.07	1.42	2.14	0.098	0.007	0.9	0.006	7.49
ETAC22_002	-45um	31	3	7	3.62	54.18	27.1	0.26	2.86	0.01	0.45	0.65	0.048	0.009	1.73	0.012	8.52
ETAC22_002	-45um	19	7	11	5.06	53.26	26.4	0.4	3.17	0.01	1.19	0.99	0.105	0.022	1.46	0.014	7.59

Drillhole	Fraction	Mass Recovery	From (m)	To (m)	Fe_2O_3 (%)	SiO_2 (%)	Al_2O_3 (%)	CaO (%)	K_2O (%)	Mn (%)	Na_2O (%)	MgO (%)	P (%)	S (%)	TiO_2 (%)	Cl (%)	LOI (%)
		%			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.001	0.01	0.001	0.01
ETAC22_002	-45um	17	11	15	3.02	54.17	28.2	0.45	2.84	0.01	2.03	0.65	0.073	0.015	0.71	0.01	7.61
ETAC22_003	-45um	23	0	4	2.12	51.49	30.7	0.18	3.06	0.01	0.17	0.77	0.046	0.007	1.59	0.014	9.68
ETAC22_003	-45um	21	4	8	8.61	48.78	25.1	0.4	3.69	0.02	0.42	2.42	0.046	0.012	2.31	0.022	8.12
ETAC22_003	-45um	17	8	12	5.19	53.53	25.8	0.38	3.69	0.01	1.29	0.96	0.064	0.012	1.17	0.007	7.57
ETAC22_003	-45um	19	12	26	6.13	53.65	24.2	0.49	3.55	0.01	1.27	1.36	0.053	0.008	1.44	0.014	7.22
ETAC22_004	-45um	12	2	6	5.83	54.13	24.7	0.49	3.75	0.01	1.74	1.54	0.061	0.01	0.92	0.013	6.69
ETAC22_004	-45um	15	6	10	4.26	54.83	26	0.45	3.62	0.01	2.18	1.14	0.062	0.017	0.55	0.016	6.47
ETAC22_004	-45um	13	10	14	3.75	55.56	26	0.41	4.05	0.01	2.03	1.06	0.069	0.067	0.57	0.012	6.28
ETAC22_004	-45um	13	14	18	4.33	55.38	25.4	0.48	4.22	0.01	2.12	1.01	0.066	0.029	0.6	0.01	6.08
ETAC22_004	-45um	14	18	22	3.97	56.69	25.3	0.55	3.91	0.01	2.41	0.74	0.057	0.005	0.45	0.011	5.97
ETAC22_005	-45um	30	0	4	1.85	52.68	30.5	0.23	3.56	0.01	0.17	0.58	0.014	0.005	0.42	0.004	9.58
ETAC22_005	-45um	35	4	8	2.89	50.54	32	0.09	3.46	0.01	0.12	0.66	0.016	0.005	0.64	0.003	9.81
ETAC22_005	-45um	38	8	12	3.12	47.77	33.6	0.1	2.73	0.01	0.09	0.97	0.014	0.004	0.78	0.008	10.7
ETAC22_005	-45um	49	12	16	6.8	46.14	30.1	0.11	3.68	0.02	0.13	2.13	0.016	0.01	1.26	0.009	9.38
ETAC22_005	-45um	46	16	20	11.3	43.15	29.6	0.09	2.66	0.02	0.12	1.63	0.029	0.007	1.32	0.017	10.2
ETAC22_005	-45um	43	20	24	3.95	47.45	32.6	0.07	2.72	0.02	0.21	1.47	0.017	0.004	1.34	0.017	10.2
ETAC22_005	-45um	38	24	28	5.6	47.89	30.1	0.06	3.97	0.02	0.16	2.22	0.016	0.004	1.06	0.023	8.82
ETAC22_005	-45um	34	28	32	4.79	48.02	30.8	0.06	4.12	0.02	0.16	2.06	0.022	0.007	1.04	0.031	8.88
ETAC22_005	-45um	26	32	36	5.02	50.04	29.1	0.12	4.39	0.01	0.11	1.66	0.053	0.01	1.17	0.019	8.37
ETAC22_005	-45um	21	36	39	6.12	50.24	27.1	0.09	5.48	0.02	0.15	1.91	0.043	0.007	0.92	0.032	7.37
ETAC22_007	-45um	16	1	5	2.24	57.91	26.9	0.84	1.43	0.01	0.08	0.69	0.016	0.011	0.32	0.003	9.85
ETAC22_007	-45um	30	5	7	1.03	51.75	32.8	0.05	1.09	0.01	0.08	0.23	0.024	0.005	1.69	0.004	11.2
ETAC22_008	-45um	41	1	5	1.1	49.64	34.2	0.14	2.08	0.01	0.2	0.35	0.015	0.007	1.49	0.002	11.1
ETAC22_008	-45um	40	5	9	0.83	48.86	35.5	0.03	2.43	0.01	0.16	0.25	0.015	0.011	0.79	0.008	11
ETAC22_008	-45um	39	9	13	0.84	49.13	34.9	0.03	2.86	0.01	0.15	0.3	0.017	0.008	1.04	0.006	10.5
ETAC22_008	-45um	42	13	17	0.89	48.61	35.1	0.04	2.28	0.01	0.17	0.34	0.016	0.006	1.58	0.012	11
ETAC22_008	-45um	52	17	21	0.6	48.39	35.6	0.04	1.92	0.01	0.15	0.32	0.018	0.007	1.62	0.001	11.4
ETAC22_008	-45um	45	21	25	0.67	49.42	34.8	0.03	2.14	0.01	0.15	0.32	0.017	0.01	1.67	0.009	10.9
ETAC22_008	-45um	39	25	29	2.07	47.44	34.8	0.02	1.43	0.01	0.23	0.19	0.022	0.015	1.4	0.011	11.7
ETAC22_008	-45um	37	29	33	1.03	91.08	5.12	0.02	1	0.01	0.14	0.13	0.014	0.005	0.12	0.002	1.01
ETAC22_008	-45um	54	33	37	1.73	46.95	35.9	0.02	1.14	0.01	0.22	0.16	0.021	0.012	1.55	0.006	12.1
ETAC22_008	-45um	50	37	41	3.28	46.46	34.8	0.02	2.13	0.01	0.22	0.71	0.014	0.013	1.46	0.009	11.1
ETAC22_008	-45um	42	41	45	4.96	45.73	33.7	0.02	2.51	0.01	0.24	0.73	0.011	0.02	1.1	0.016	10.7
ETAC22_008	-45um	38	45	49	3.09	47.99	33.2	0.03	3.21	0.01	0.18	0.96	0.013	0.016	0.8	0.009	10
ETAC22_008	-45um	32	49	53	3.34	49.04	32.3	0.04	3.35	0.01	0.21	1.34	0.012	0.01	0.64	0.017	9.46
ETAC22_008	-45um	29	53	57	2.68	49.81	33	0.04	3.73	0.01	0.26	0.8	0.016	0.01	0.37	0.02	9.42
ETAC22_008	-45um	37	57	60	1.62	48.42	35.1	0.13	1.99	0.01	0.67	0.44	0.011	0.004	0.14	0.016	11
ETAC22_009	-45um	28	0	2	5.62	53.92	25	0.56	3.53	0.01	0.33	1.18	0.023	0.02	0.67	0.006	8.66
ETAC22_009	-45um	25	2	6	8.26	55.04	22.4	0.38	3.72	0.01	0.58	1.22	0.034	0.01	0.67	0.026	7.5
ETAC22_009	-45um	21	6	10	9.05	52.78	23.8	0.34	4.22	0.01	1.01	1.13	0.051	0.01	0.66	0.029	7.29
ETAC22_009	-45um	17	10	14	6.37	55.59	22.9	0.39	4.06	0.01	1.85	1.26	0.044	0.006	0.84	0.023	6.24
ETAC22_009	-45um	26	14	18	4.88	55.7	24.3	0.34	4.09	0.01	1.06	1.34	0.043	0.041	0.67	0.01	7.04
ETAC22_009	-45um	21	18	21	6.51	57	21.9	0.38	4.41	0.01	1.42	1.39	0.06	0.029	0.69	0.046	6.08
ETAC22_009	-45um	16	21	24	6.06	58.56	21.1	0.54	4.65	0.01	1.37	1.51	0.06	0.01	0.78	0.005	5.38
ETAC22_010	-45um	17	1	4	3.53	55.42	25.2	0.47	3.09	0.01	1.32	1.11	0.036	0.02	0.75	0.05	8.57

Drillhole	Fraction	Mass Recovery	From (m)	To (m)	Fe_2O_3 (%)	SiO_2 (%)	Al_2O_3 (%)	CaO (%)	K_2O (%)	Mn (%)	Na_2O (%)	MgO (%)	P (%)	S (%)	TiO_2 (%)	Cl (%)	LOI (%)
		%			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.001	0.01	0.001	0.01
ETAC22_012	-45um	28	1	5	1.46	51.07	32.4	0.16	2.43	0.01	0.21	0.52	0.023	0.065	0.88	0.18	10.8
ETAC22_012	-45um	42	5	9	0.83	49.41	34.7	0.06	2.8	0.01	0.05	0.26	0.031	0.018	0.64	0.045	11.1
ETAC22_012	-45um	53	9	13	0.78	47.24	36.8	0.05	1.55	0.01	0.23	0.25	0.032	0.02	0.57	0.069	12.4
ETAC22_012	-45um	43	13	16	0.74	48.14	36.6	0.07	1.49	0.01	0.31	0.27	0.02	0.022	0.44	0.066	12.3
ETAC22_012	-45um	27	16	19	7.17	46.66	30.4	0.14	2.99	0.01	0.49	1.3	0.042	0.022	0.7	0.092	10.2
ETAC22_013	-45um	47	1	5	1.17	48.17	34.2	0.71	2.08	0.01	0.37	0.24	0.043	0.03	0.55	0.104	12.1
ETAC22_013	-45um	33	5	9	1.33	50.06	32.8	0.09	3.08	0.01	0.42	0.22	0.039	0.028	1.08	0.094	10.6
ETAC22_013	-45um	26	9	13	3.9	48.95	31.1	0.13	3.53	0.01	0.41	0.89	0.031	0.021	0.77	0.076	9.71
ETAC22_014	-45um	25	0	4	6.32	52.25	25.4	0.47	3.17	0.01	0.61	1.64	0.036	0.034	0.94	0.103	8.66
ETAC22_014	-45um	26	4	8	5.66	53.33	25.7	0.37	2.91	0.01	1.09	1.22	0.043	0.036	0.87	0.113	8.13
ETAC22_014	-45um	29	8	12	4.67	51.37	28	0.22	3.38	0.01	0.83	1.16	0.05	0.025	0.95	0.093	8.72
ETAC22_015	-45um	24	4	7	1.08	53.71	30.4	0.06	3.83	0.01	0.35	0.22	0.046	0.005	1	0.025	9.33
ETAC22_015	-45um	23	7	11	3.49	51.27	29.8	0.18	3.84	0.01	0.67	0.93	0.03	0.037	0.86	0.126	9.01
ETAC22_020	-45um	25	1	5	1.5	52.94	30.4	0.1	3.92	0.01	0.43	0.42	0.031	0.006	0.97	0.025	8.91
ETAC22_020	-45um	22	5	8	1.29	55.1	29.5	0.07	4.25	0.01	0.35	0.29	0.032	0.001	0.98	0.004	8.4
ETAC22_021	-45um	53	0	2	1.61	48.83	32.6	0.36	1.92	0.01	0.17	0.51	0.019	0.026	1.77	0.059	11.8
ETAC22_021	-45um	32	2	5	0.99	50.03	32.8	0.1	2.11	0.02	0.14	0.21	0.021	0.028	2.54	0.085	10.9
ETAC22_021	-45um	36	5	9	0.54	50.45	33.5	0.03	3.11	0.01	0.12	0.17	0.04	0.001	1.3	0.008	10.5
ETAC22_021	-45um	36	9	13	0.58	50.05	34.1	0.03	3.24	0.01	0.11	0.23	0.042	0.004	0.95	0.01	10.5
ETAC22_021	-45um	32	13	17	0.6	50.9	32.7	0.07	3.64	0.01	0.31	0.34	0.059	0.023	1.1	0.05	9.92
ETAC22_021	-45um	28	17	21	1.3	52.72	30.8	0.14	3.89	0.01	0.87	0.38	0.066	0.017	1.08	0.002	8.33
ETAC22_022	-45um	55	0	2	3.89	51.59	26.7	1.37	1.97	0.01	0.22	1.38	0.028	0.035	1.08	0.01	11.2
ETAC22_022	-45um	22	2	6	0.9	55.4	28.6	0.08	4.23	0.01	0.22	0.18	0.054	0.002	1.14	0.009	8.71
ETAC22_022	-45um	27	6	9	0.91	51.45	32.8	0.06	2.96	0.01	0.14	0.13	0.052	0.01	1.01	0.001	10.6
ETAC22_022	-45um	26	9	12	2.26	51.73	30.5	0.24	3.19	0.01	0.93	0.46	0.072	0.031	1.18	0.077	9.37
ETAC22_023	-45um	43	0	4	1.69	49.76	31.9	0.67	1.13	0.01	0.12	0.74	0.02	0.009	0.63	0.009	12.9
ETAC22_023	-45um	37	4	8	0.91	52.47	32.2	0.04	2.39	0.01	0.13	0.11	0.03	0.001	0.56	0.008	10.8
ETAC22_023	-45um	41	8	12	0.6	50.9	32.9	0.09	3.26	0.01	0.25	0.13	0.048	0.026	0.78	0.072	10.7
ETAC22_023	-45um	30	12	16	0.72	50.62	33.4	0.03	3.71	0.01	0.12	0.18	0.042	0.001	0.84	0.003	10.1
ETAC22_023	-45um	25	16	20	2.51	50.45	31.4	0.12	3.66	0.01	0.54	0.61	0.063	0.02	1.04	0.063	9.68
ETAC22_024	-45um	41	0	4	0.85	48.92	35.5	0.07	0.77	0.01	0.06	0.21	0.03	0.012	0.69	0.007	12.7
ETAC22_024	-45um	59	4	8	0.88	47.31	37.4	0.06	0.53	0.01	0.11	0.12	0.031	0.022	0.55	0.053	13.3