

## ASX ANNOUNCEMENT

9 May 2023

### Highest Grade Thick Intercepts of Manganese

- **Final 25 drill hole results received. All results from the 94 holes now received on Jamieson Tank for a total of 6,164m.**
- **Significant manganese intercepts continue near surface and at depth.**
- **Maiden Mineral Resource estimate planned for June 2023.**

ChemX Materials (ASX:CMX) (ChemX or the Company), an Australian-based high purity critical materials business, is pleased to announce the third and final stage assay results from the 2023 Jamieson Tank Manganese drilling campaign on the Eyre Peninsula in South Australia.

The 2023 manganese exploration campaign was designed to collect additional infill drill data, supplemented by industry standard geophysical density and QAQC practices, to underpin the estimation of a maiden Mineral Resource.

The manganese grades achieved from the third stage assay batch (**including 16m thickness at 17.9% Mn from 17m**) are highly encouraging and based on previous metallurgical testwork (ASX 11 May 2022), indicate the manganese mineralisation is highly amenable to upgrade via beneficiation and conversion to a High Purity Manganese (HPM) battery grade product.

This third and final round of assay results reveal significant manganese intercepts near surface and extending to depth, as displayed in table A and illustrated in Figure 1. Full drill hole assays are displayed in Appendix 3.

Hole ID	Metres (thickness)	Average %Mn	From (Metres)
JTRC280	32	8.2	24
JTRC290	25	12.1	13
JTRC282	20	8.8	10
JTRC294	18	10.2	17
JTRC296	16	17.9	17
JTRC283	16	12.7	55
JTRC286	16	8.4	8
JTRC292	11	11.3	1
JTRC291	9	18.0	28
JTRC293	2	26.3	24

Table A: Significant Intercepts

The significant intercepts (averaged from 1m samples) have been reported from raw assays of a minimum of 8% Mn and 2m thickness. The significant intercepts are from a total of 1756 sample assays returned from 94 drill holes.

**CEO Mark Tory commented:** "These final results complement previous drilling results and demonstrate encouraging intervals of sustained manganese grades commencing from relatively shallow depth. With the first 10m consisting of a sandy overburden and therefore indicates free-dig, it is likely to be relatively simple mining.

ChemX is extremely pleased with the 2023 drill campaign results and will now work closely with ERM Australia Consultants Pty Ltd, trading as CSA Global to estimate a Mineral Resource in accordance with the JORC Code. The Mineral Resource estimation (MRE) will support future preliminary mine optimisation plans and provide confidence in the quality and quantity of the feedstock, for the beneficiation of the manganese resource, ultimately destined for the global battery grade manganese market."

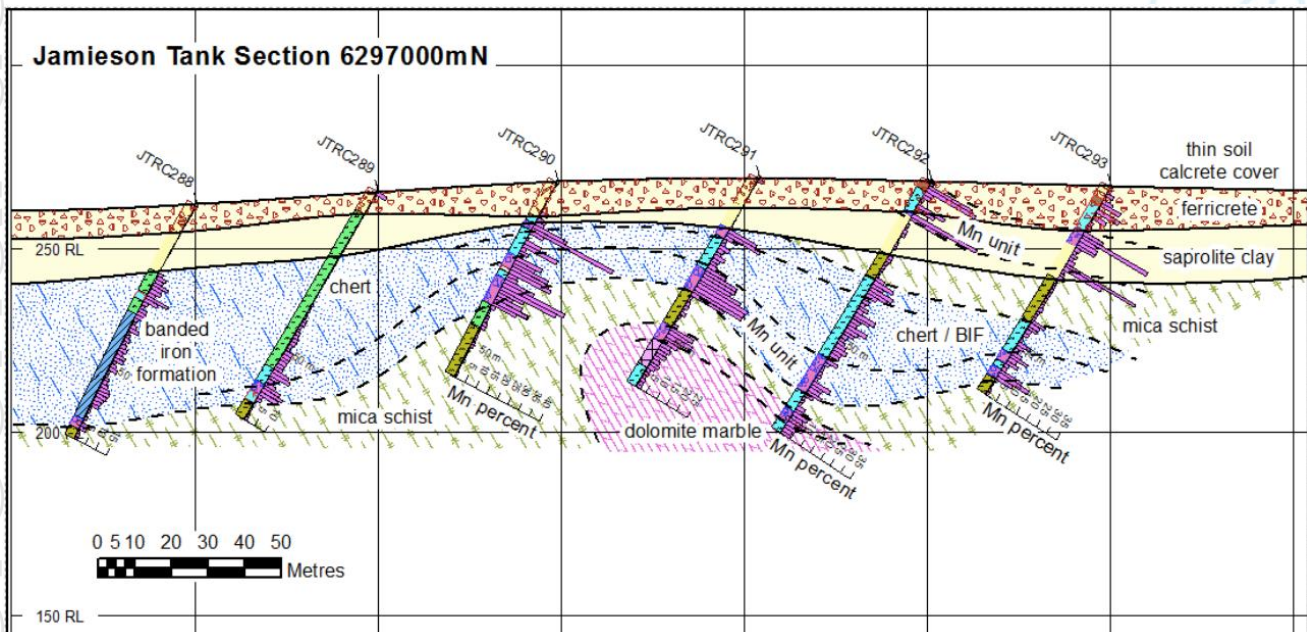


Figure 1: Jamieson Tank cross-section 6297000 mN, in the southern strike area

**Chief Supervising Geologist for the CMX Drill Campaign, Dr John Parker commented:** "The higher-grade manganese, as depicted above in a schematic cross section, (figure 1) has been interpreted from field geological activities, and occurs as continuous bands in a relatively shallow, folded sequence of banded iron formation. The zone of shallow high-grade mineralisation presents initially ca. 200m wide and extends over 2km in strike length." Ongoing geological modelling, complemented by geophysics, geological logging and assays, will support the planned Mineral Resource estimate.

The Jamieson Tank Drill hole location map is shown below in figure 2. The exploration campaign covered the northern most 2km of the Jamieson Tank deposit. Jamieson Tank has been subject to significant exploration by previous tenement owners (ASX 27 July 2022) with the aim of identifying DSO manganese. ChemX's programme was designed to estimate a Mineral Resource in order to provide material for a High Purity Manganese project to supply the global electric vehicle battery market.



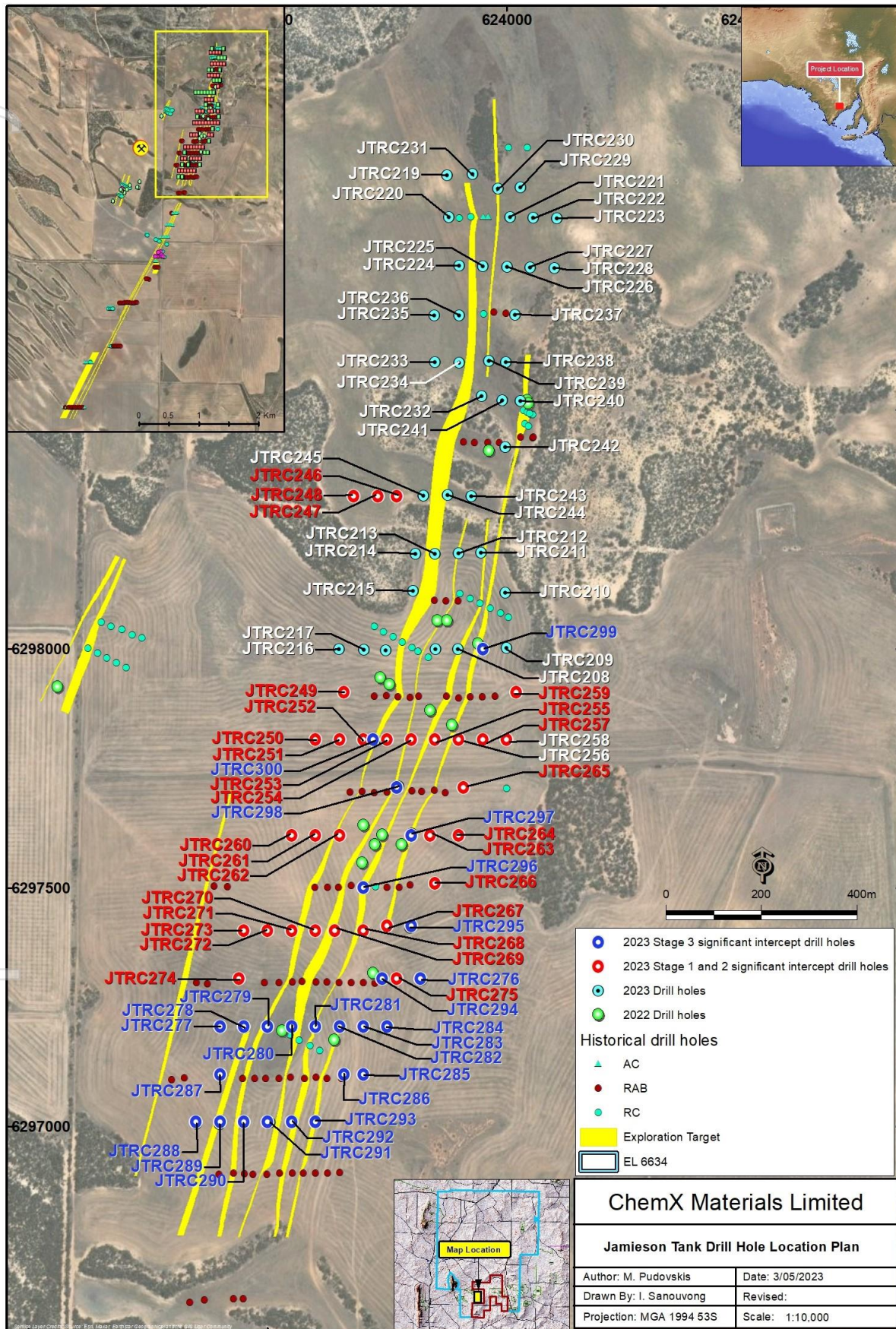


Figure 2: Jamieson Tank drill hole and Exploration Target location plan



**ENDS**

*This Announcement has been authorised for release by the Board.*

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**COMPETENT PERSON STATEMENT - EXPLORATION RESULTS**

The information in this report that relates to Exploration Results is based on information compiled by Mr Mark Pudovskis. Mr Pudovskis is a full-time employee of CSA Global Pty Ltd and is a Member of the Australasian Institute of Mining and Metallurgy. Mr Pudovskis has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 edition of the Australasian Code for the Reporting of Exploration Results, Mineral Resources, and Ore Reserves (JORC Code). Mr Pudovskis consents to the disclosure of the information in this report in the form and context in which it appears.

**Confirmation**

11 May 2022 ChemX Battery Materials Strategy Moves Forward

27 July 2022 Jamieson Tank Manganese & HPMSM Project Update

The Company confirms that it is not aware of any new information or data that materially affects the information included in the above market announcements.

## About ChemX Materials (ASX: CMX)

ChemX is an advanced materials company focused on providing high purity critical materials for the battery industry. The Company's vision is to become a leading supplier of sustainable and ethically sourced critical materials to support the global energy transition.

ChemX is applying its high purity expertise to advance its Manganese project located on the Eyre Peninsula in South Australia. Metallurgical testwork has indicated the manganese ore is amendable to upgrade through beneficiation and being processed into a high purity manganese sulphate to supply the Lithium-ion battery industry.

Developed in-house, ChemX's HiPurA® Process is capable of producing high purity alumina (HPA) and high purity aluminium cathode precursor salts for lithium-ion batteries. Initial test work has indicated that the process is low cost and low in energy consumption, compared to alternative methods. A key competitive advantage is that the HiPurA® process modular, scalable and is not tied to mine production, with the feedstock being a widely available chemical.

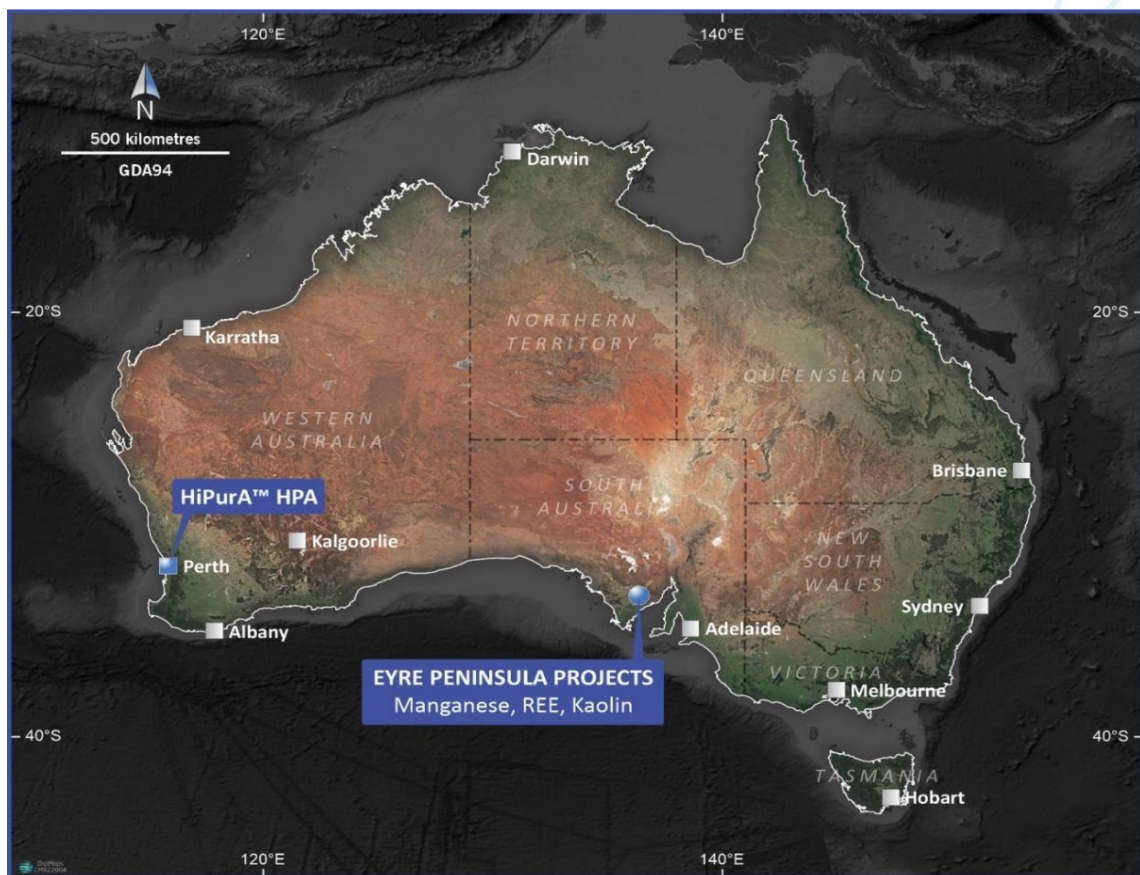


Figure 3: ChemX Project Locations

[www.chemxmaterials.com.au](http://www.chemxmaterials.com.au)

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## Appendix 1 – JORC Table 1

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>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 down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>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. "RC 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.</li> </ul>	<p>The drill samples used in reporting the Exploration Results were obtained through reverse circulation percussion (RCP) methods.</p> <p><b>2022 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>One metre RCP samples were collected from the rig mounted cyclone each weighing between 2 kg to 3 kg. The sample weight was closely monitored and the aperture for the sample split from the cone was adjusted to obtain the optimum size range.</li> <li>Samples coming from the cyclone were monitored for contamination. If detected, the cyclone was cleaned to ensure sample integrity.</li> <li>Geophysical downhole logging was conducted in each hole for gamma, magnetic susceptibility, deviation, induced polarization (on select drill holes), and long spaced density with three arm caliper.</li> </ul> <p><b>Although not guiding the reporting of Exploration Results in this ASX release, the historical work is summarised in this JORC Table 1 and was used to guide the drill programme completed in 2023.</b></p> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p> <ul style="list-style-type: none"> <li>The RCP drilling material was collected in green sample bags off a cyclone through a three-stage splitter on one metre intervals. A sample of each metre was sieved and washed, and the chips were placed out on hessian for geological logging and collection in chip trays.</li> <li>Composite samples were collected by taking representative grab samples from individual metres.</li> </ul> <p>The Competent Person (CP) considers that the sample techniques adopted by ChemX and previous explorers are appropriate for the style of mineralisation and for reporting an Exploration Result.</p>
Drilling techniques	<ul style="list-style-type: none"> <li>Drill type (e.g. core, RC, 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,</li> </ul>	<p><b>2023 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>The drilling was completed by Durock Drilling with an RCP drill rig equipped with 5.625" faced sampling hammer and 4.5" drill rods.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<i>whether core is oriented and if so, by what method, etc.).</i>	<ul style="list-style-type: none"> <li>The drill holes were angled -60 degrees, at a nominal azimuth of 270°.</li> </ul> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p> <ul style="list-style-type: none"> <li>All references are to most holes were drilled as Rotary Air bore (RAB) with a smaller number as Air Core (AC) drilling.</li> </ul> <p>The CP considers that the sample techniques adopted by ChemX and previous explorers are appropriate for the style of mineralisation and for reporting an Exploration Result.</p>
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> <li><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></li> <li><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></li> <li><i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i></li> </ul>	<p><b>2023 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>Sample recoveries were not quantitatively recorded, although a site visit in January 2023 by the CP revealed that the sample volumes in each green bag were consistent and likely of good recovery. Continual visual observations were made by the drilling geologist to ensure a consistent recovery.</li> <li>Sample conditions were reported in the field geologist logging comments. With the exception of a few samples logged as moist or wet, a majority were dry.</li> <li>There were no water table intersects or sub-terrain ephemerals.</li> <li>There is no evidence to suggest any bias sample recovery and grade.</li> </ul> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p> <ul style="list-style-type: none"> <li>The recovery of the historical drilling was not reported.</li> </ul> <p>The CP considers that the sample techniques adopted by ChemX and previous explorers are appropriate for the style of mineralisation and for reporting an Exploration Result.</p>
<i>Logging</i>	<ul style="list-style-type: none"> <li><i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i></li> </ul>	<p><b>2023 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>The 1m intervals were logged as drilled based upon the samples laid-out in rows in the plastic bags.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>• <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i></li> <li>• <i>The total length and percentage of the relevant intersections logged.</i></li> </ul>	<ul style="list-style-type: none"> <li>• All logged intervals were representatively sampled and stored in chip tray, recording Hole ID and respective metres.</li> <li>• The intervals were logged according to lithology, sample colour, colour intensity, texture, weathering, lithology and visual estimate of % Mn.</li> <li>• All intervals were logged broadly based on qualitative and quantitative characteristics.</li> </ul> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p> <ul style="list-style-type: none"> <li>• The chip samples were logged in a qualitative and quantitative manner, to a level of detail appropriate for reporting an Exploration Result</li> </ul> <p>The CP considers that the logging adopted by ChemX and previous explorers are appropriate for the style of mineralisation and for reporting an Exploration Result.</p>
Subsampling techniques and sample preparation	<ul style="list-style-type: none"> <li>• <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li>• <i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i></li> <li>• <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> <li>• <i>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</i></li> <li>• <i>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.</i></li> <li>• <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul>	<p><b>2023 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>• The 1 m RC samples were collected from the rig mounted cyclone each weighing between 2 kg to 3 kg. The sample weight was closely monitored and the aperture for the sample split from the cone was adjusted to obtain the optimum size range.</li> <li>• Field duplicates were collected every approximate 25<sup>th</sup> sample by putting a calico bag on the second port of the cone splitter. The samples were between 2 kg to 3 kg in weight.</li> <li>• Certified Reference Material (CRM) standards were inserted as every 50th sample.</li> <li>• A blank sample was inserted as every 50th sample.</li> <li>• Given the styles of drilling used, and the resultant range of fineness within the cyclone, there is no evidence the sample sizes are inadequate or inappropriate for sub-sampling using the techniques adopted.</li> <li>• The CP does not consider there is any bias in the sampling process.</li> </ul> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p>



Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>No internal QAQC procedures were adopted and the sample representivity is unknown although no issues were reported in any of the Monax Annual Technical Reports.</li> </ul> <p>The CP considers that the sub sampling adopted by ChemX is appropriate for the style of mineralisation and for reporting an Exploration Result. The appropriateness of the historical work is unknown.</p>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<p><b>2023 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>All samples were prepared and assayed by Intertek Genalysis Adelaide for an extended suite (45) of elements and oxides.</li> <li>Sample preparation consisted of a lithium metaborate / tetraborate fusion analysed by ICP-MS.</li> <li>Intertek Genalysis Adelaide completed internal QAQC assay procedures comprising appropriate blanks and standards. No material issues were identified in the laboratory QAQC.</li> <li>A handheld XRF was used only to assist geological interpretation and selection of samples from compositing prior to analysis. No Exploration Results are being reported on handheld XRF data.</li> </ul> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p> <ul style="list-style-type: none"> <li>Geochemical analysis of the 2009 RC drill samples was completed by Genalysis Laboratory Services. Sample preparation done in Adelaide includes drying and jaw crushing, followed by a single stage mix and grind in a Chrome-steel bowl. Samples are sent to Perth for digestion which included Four Acid Digest [AT/] for base metals and multi-elements, fusion for Fe ore using simultaneous XRF [Fus/], and 25 g Fire Assay Digest [FA25/] for gold. Analytical methods include: <ul style="list-style-type: none"> <li>AT/MS: Multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids in Teflon Tubes. Analysed by Inductively Coupled Plasma Mass Spectrometry</li> </ul> </li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>○ Fus/XRFm: Sample fused with lithium borate flux and poured into a mould to obtain a homogenous glass disk. Major element oxides and trace elements by simultaneous XRF</li> <li>○ FA25/SAAS: 25g Lead collection fire assay. Elements by solvent extraction and Flame Atomic Absorption Spectrometry</li> </ul> <p>The CP considers that a reasonable level of confidence can be placed in the accuracy and precision of the assay data used in the preparation of this Exploration Result.</p>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>• <i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li>• <i>The use of twinned holes.</i></li> <li>• <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li>• <i>Discuss any adjustment to assay data.</i></li> </ul>	<p><b>2023 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>• The verification of sampling was completed on site by the CP during January 2023..</li> <li>• Twin drilling is not relevant as a verification of sampling of manganese.</li> <li>• Primary data is stored securely by ChemX and mining consultants CSA Global. The data entry protocols were developed by the CP and CSA Global. The control protocols were managed on site by ChemX with support from the CP and CSA Global.</li> <li>• There has been no adjustment to the primary assay data.</li> </ul> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p> <ul style="list-style-type: none"> <li>• No verification or adjustments to the assays have been made.</li> <li>• Twinning is not appropriate for the style of mineralisation</li> </ul> <p>The CP considers that the verification of sampling and assaying was appropriate for reporting an Exploration Result.</p>
Location of data points	<ul style="list-style-type: none"> <li>• <i>Accuracy and quality of surveys used to locate drill holes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></li> <li>• <i>Specification of the grid system used.</i></li> <li>• <i>Quality and adequacy of topographic control.</i></li> </ul>	<p><b>2023 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>• Drill collar coordinates were measured using a handheld Garmin global positioning system unit in coordinate system MGA 94 53S. All drillholes were angled at -60° on a nominal magnetic azimuth of approximately 270°</li> <li>• The drillholes were not downhole surveyed due to the relatively shallow depths.</li> </ul>



Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>A LIDAR survey was flown to establish a highly accurate topographic control.</li> </ul> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p> <ul style="list-style-type: none"> <li>Drill collar positioning coordinates were measured using a handheld Garmin global positioning system unit in coordinate system MGA 94 53S.</li> </ul> <p>The CP considers that the accuracy of the survey was appropriate for reporting an Exploration Result.</p>
<p><i>Data spacing and distribution</i></p>	<ul style="list-style-type: none"> <li><i>Data spacing for reporting of Exploration Results.</i></li> <li><i>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.</i></li> <li><i>Whether sample compositing has been applied.</i></li> </ul>	<p><b>2023 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>The Jamieson Tank Exploration Results were based on a variable 200m by 20m drill grid spacing for the purpose of infilling and lateral testing of the historical drilling.</li> <li>2m sample compositing was applied based on where there was no visual identification of Mn in the RCP drill chips and where the handheld XRF did not return any anomalous Mn readings. The compositing was completed by Intertek Adelaide within the laboratory to ensure good control practices were maintained.</li> </ul> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p> <ul style="list-style-type: none"> <li>The spacing of the Jamieson Tank drill lines was on a variable and approximate 200m apart, which is adequate for reporting an Exploration Target. The drill holes on the Hodgins sections were approximately 20m spaced.</li> <li>No compositing has been applied.</li> </ul> <p>The drill spacings are not considered relevant or a material risk by the CP for the reporting on an Exploration Result.</p>

Criteria	JORC Code explanation	Commentary
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<p><b>2023 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>The Jamieson Tank mineralisation is believed to be confined within 40 degree striking corridors where previous drilling identified both flat lying and high angle, discontinuous, pods or lenses of mineralization, dipping to the southeast.</li> <li>Accordingly, inclined holes (60° degrees) were drilled on a nominal 270° azimuth to test the possible shape and orientation of the lenses or pods.</li> <li>The relationship between the drilling orientation and the orientation of key mineralised structures is not considered to have introduced a sampling bias.</li> </ul> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p> <ul style="list-style-type: none"> <li>A majority of the drill holes were inclined at an angle of 60 degrees to the west, to give the best chance of identifying the stratigraphic context and true thicknesses of any manganese mineralisation. (2009 ATR)</li> </ul> <p>The CP considers that the orientation of the data appropriate for reporting an Exploration Result.</p>
Sample security	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<p><b>2023 Drill Programme (ChemX Materials)</b></p> <ul style="list-style-type: none"> <li>Samples as captured from the drill rig were aligned in rows and immediately folded over to prevent ingress of moisture or foreign matter.</li> <li>Based on pXRF readings the samples were sorted into two categories, that being those with Mn mineralisation and those without mineralisation. Mineralised samples were collected in dedicated clean intermediate bulk containers (IBCs), for each respective hole, with logging of each IBCs inventory noted on the outside and held in a centralized register.</li> <li>IBCs once loaded were taken from the field and transported to the exploration laydown area located on a private property within EL6634. The exploration laydown area is within 200m of the homestead/outbuildings and is secure.</li> <li>Assay results (as received) have also been catalogued against retained mineralised samples to ensure accurate representation of stored mineralised materials.</li> </ul>



Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>• Non-mineralised materials were returned to the hole capped and remediated.</li> </ul> <p><b>Historical Work 2005 to 2013 (Monax Mining)</b></p> <ul style="list-style-type: none"> <li>• All residual sample material was stored securely.</li> </ul> <p>The CP considers that the sample security does not pose any risk for the reporting of an Exploration Result.</p>
Audits or reviews	<ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	<ul style="list-style-type: none"> <li>• A site visit review of the sampling technique, drilling methodology and geological logging was undertaken by the CP in mid-January 2023. No concerns were identified.</li> </ul>

**JORC 2012 Table 1 Section 2 – Key Classification Criteria**

<p><i>Mineral tenement and land tenure status</i></p>	<ul style="list-style-type: none"> <li>• <i>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.</i></li> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The Project comprises licences EL6634 and EL5920, colloquially named Carapee Hill.</li> <li>• EL6634 is located approximately 20km SSW of Kimba (Legal Area 664km<sup>2</sup>), and EL5920 approximately 60km NW of Cowell (Legal Area 54km<sup>2</sup>), with the tenements being held 100% by ChemX Materials Ltd.</li> <li>• No Native Title has been registered.</li> <li>• There are two small Conservation Parks within EL6634 (Malgra and Lacroma) and one, Caralue Bluff, excised from EL6634. Several Heritage Vegetation areas have also been identified within the tenements.</li> <li>• Within the tenements are MPL150 (within EL5920) and MPL151 (within both EL6634 &amp; 5020). These are registered to Pirie Resources P/L as part of their Campoona Graphite project.</li> <li>• EML6324, covering 5.6 Ha, is a private mine registered for sand production within EL6634.</li> <li>• The Company is duly bound under a Mineral Rights Agreement with Pirie Resources from conducting exploration for, mining or processing graphite within the Wilclo South excluded area, contained within the Tenements (Wilclo South Excluded Area). Other Minerals, noted as Excluded Minerals, ChemX Materials holds eligibility with respect to exploration, mining and processing.</li> </ul>
<p><i>Exploration done by other parties</i></p>	<ul style="list-style-type: none"> <li>• <i>Acknowledgment and appraisal of exploration by other parties.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The earliest recorded exploration across EL6634 and EL5920 dates from 1967 and has been subjected to numerous phases of mineral exploration by various companies. The main targets have been uranium, base metals or gold, aluminium, diamonds, silver and iron ore.</li> <li>• The most meaningful manganese focused exploration was completed by Monax Mining between 2005 to 2013.</li> <li>• Work included airborne and ground geophysical surveys, surface soil and rock chip sampling and drilling, targeting predominantly manganese with minor focus on base metals, uranium and iron.</li> </ul>



- Between 2014 to 2019 Pirie Resources Pty Ltd (Archer Exploration Ltd) comprised exploration for graphite and assessment for other 'green' elements, including manganese, lithium and kaolin.
- In 2022, ChemX completed a maiden drill programme and preliminary sighter metallurgical test work targeting high purity manganese sulphate monohydrate (HPMSM).
- In 2023, ChemX completed a 94 RCP drill hole programme for 6,164m on the Jamieson Tank manganese project.
- The full drill summary is presented below.

Drill Type	Holes	Metres	Years	Company
RCP	94	6,164	2023	ChemX
AC	394	7,918.5	2010 to 2012, 2022	Monax, Archer, ChemX
Diamond Core	13	1,475.3	1986 to 1987, 1990, 2012 to 2013	SADME, Monax, Archer, Greater Pacific
RAB	234	12,022	1983 to 2012	Helix, Shell, Goldstream, Monax, Archer
RCP	325	26,767	1984 to 2013	Shell, Western Mining, Anglo Gold, Pirie, Monax, Archer
Percussion	72	3786.5	1968 to 1985	Mines Exploration, Kerr McGee, Shell
	<b>1,132</b>	<b>58,130.3</b>		

Geology	<ul style="list-style-type: none"> <li>• <i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The tenements falls within the Cleve Domain which is dominated by basinal sediments of the ca 2000-1850 Ma Palaeoproterozoic Hutchison Group unconformably overlying late Archaean (ca 2400 Ma) inliers of para and orthogneiss, The Warrow Quartzite forms the basal unit of the Hutchison Group and unconformably overlies the Miltalie Gneiss in the Plug Range area.</li> <li>• The manganese along with the iron mineralisation are hosted in BIF metasediments of the c. 2000–1850 Ma Palaeoproterozoic Hutchison Group. The mineralisation is stratigraphically bound with elevated levels of barium</li> <li>• The geology of the exploration licence has been described in detail in the various Annual Technical Reports by Monax Mining Limited (Monax)</li> </ul>
Drill hole information	<ul style="list-style-type: none"> <li>• <i>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:</i> <ul style="list-style-type: none"> <li>○ <i>Easting and northing of the drill hole collar</i></li> <li>○ <i>Elevation or RL (Reduced Level – Elevation above sea level in metres) of the drill hole collar</i></li> <li>○ <i>Dip and azimuth of the hole</i></li> <li>○ <i>Downhole length and interception depth</i></li> <li>○ <i>Hole length.</i></li> </ul> </li> <li>• <i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Details of the drill holes completed in 2023 which underpin this Exploration Result are included in Appendix 3 of this release.</li> </ul>



<p><i>Data aggregation methods</i></p>	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>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.</i></li> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>	<ul style="list-style-type: none"> <li>No grade cuts were applied the reported Exploration Results.</li> <li>Metal equivalents are not being reported.</li> </ul>
<p><i>Relationship between mineralisation widths and intercept lengths</i></p>	<ul style="list-style-type: none"> <li><i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li><i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. “downhole length, true width not known”).</i></li> </ul>	<ul style="list-style-type: none"> <li>The results interpreted for the Exploration Result on Jamieson Tank suggests drilling has intersected the mineralisation at a relatively high angle.</li> </ul>
<p><i>Diagrams</i></p>	<ul style="list-style-type: none"> <li><i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drillhole collar locations and appropriate sectional views.</i></li> </ul>	<ul style="list-style-type: none"> <li>A significant discovery is not being reported.</li> <li>A Jamieson Tank drill hole location plan is included as Figure 2.</li> </ul>
<p><i>Balanced reporting</i></p>	<ul style="list-style-type: none"> <li><i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i></li> </ul>	<ul style="list-style-type: none"> <li>Significant intercepts are presented in the body of this ASX release</li> </ul>
<p><i>Other substantive exploration data</i></p>	<ul style="list-style-type: none"> <li><i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock</i></li> </ul>	<ul style="list-style-type: none"> <li>ChemX completed preliminary sighter metallurgical testwork on two composite RCP samples of heads grades 12.2 % Mn and 25.5% Mn achieving a 99.7% high purity manganese sulphate monohydrate (HPMSM).</li> <li>ChemX has not completed any other substantive exploration.</li> <li>Historical exploration data was completed originally by Monax Mining, primarily and between 2005 to 2012.</li> </ul>

	<i>characteristics; potential deleterious or contaminating substances.</i>	
<i>Further work</i>	<ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>	<ul style="list-style-type: none"> <li>A Mineral Resource estimate for the Jamieson Tank is in progress.</li> <li>Ongoing metallurgical work is in progress to examine to potential of the Jamieson Tank prospect to produce a High Purity Manganese Sulphate Monohydrate (HPMSM) product.</li> <li>The project also remains prospective for REE and kaolin. Focused exploration is warranted to examine to tenements full potential to host critical materials required for electrification and decarbonisation.</li> </ul>



**Appendix 2 - Drill Hole Collars**

Hole ID	Hole Type	Hole Size (RC)	Hole Depth m	Surveyed Elevation	Easting	Northing	Azimuth	Dip
JTRC276	RC	142.9	78.0	278.8	623820	6297310	270.0	-60.0
JTRC277	RC	142.9	60.0	269.4	623400	6297210	270.0	-60.0
JTRC278	RC	142.9	60.0	273.9	623450	6297210	270.0	-60.0
JTRC279	RC	142.9	60.0	278.3	623500	6297210	270.0	-60.0
JTRC280	RC	142.9	60.0	280.6	623550	6297210	270.0	-60.0
JTRC281	RC	142.9	66.0	277.8	623600	6297210	270.0	-60.0
JTRC282	RC	142.9	84.0	275.3	623650	6297210	270.0	-60.0
JTRC283	RC	142.9	78.0	274.7	623700	6297210	270.0	-60.0
JTRC284	RC	142.9	60.0	276.3	623750	6297210	270.0	-60.0
JTRC285	RC	142.9	72.0	270.3	623700	6297110	270.0	-60.0
JTRC286	RC	142.9	60.0	272.2	623660	6297110	270.0	-60.0
JTRC287	RC	142.9	60.0	268.1	623400	6297110	270.0	-60.0
JTRC288	RC	142.9	72.0	261.9	623350	6297010	270.0	-60.0
JTRC289	RC	142.9	72.0	265.6	623400	6297010	270.0	-60.0
JTRC290	RC	142.9	60.0	268.1	623450	6297010	270.0	-60.0
JTRC291	RC	142.9	66.0	269.2	623500	6297010	270.0	-60.0
JTRC292	RC	142.9	80.0	268.3	623550	6297010	270.0	-60.0
JTRC293	RC	142.9	66.0	266.9	623600	6297010	270.0	-60.0
JTRC294	RC	142.9	75.0	274.1	623740	6297310	270.0	-60.0
JTRC295	RC	142.9	80.0	277.3	623800	6297420	270.0	-60.0
JTRC296	RC	142.9	60.0	266.6	623700	6297500	270.0	-60.0
JTRC297	RC	142.9	60.0	268.4	623800	6297610	270.0	-60.0
JTRC298	RC	142.9	70.0	263.8	623770	6297710	270.0	-60.0
JTRC299	RC	142.9	70.0	274.9	623950	6298000	270.0	-60.0
JTRC300	RC	142.9	85.0	262.8	623720	6297810	270.0	-60.0

Grid coordinates MGA94 53E

For personal use only

**Appendix 3 - Interim Drill Assay Results**





Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC276	0	1	202304710	12.2	4704	2	4.2	18	3	50	1	2	1	0	9.5	14	2	3	0	0.92	11	0	1.1	0.1	X	0.2	9	7	0.0	2	34	2	X	60.9	1	2	134	1	0	12	0.4	0	2	79	2	11	1	101
JTRC276	1	2	202304711	12.8	1574	3	0.4	16	2	57	1	2	1	0	12.0	17	1	4	0	1.13	12	0	0.3	0.0	X	0.2	11	6	0.0	2	44	2	X	64.6	1	3	56	1	0	14	0.4	0	2	84	3	9	1	120
JTRC276	2	3	202304712	15.0	528	2	0.1	13	1	50	1	2	1	0	8.2	16	1	3	0	1.22	8	0	0.2	0.0	X	0.2	12	4	0.0	1	35	1	X	67.6	1	3	30	1	0	14	0.5	0	2	74	4	10	1	122
JTRC276	3	4	202304713	10.4	638	3	0.1	11	1	49	0	2	1	0	10.9	13	1	2	0	0.54	8	0	0.1	0.0	X	0.1	9	4	0.1	1	20	2	X	70.7	1	2	23	1	0	11	0.3	0	1	55	3	12	1	84
JTRC276	4	5	comp20231057	9.8	1629	6	0.0	18	3	48	1	2	1	0	25.5	11	2	2	0	0.45	10	0	0.2	0.0	X	0.1	8	7	0.3	2	14	3	11	55.9	2	2	14	1	0	11	0.3	0	2	55	4	13	1	74
JTRC276	5	6	comp20231057	9.8	1629	6	0.0	18	3	48	1	2	1	0	25.5	11	2	2	0	0.45	10	0	0.2	0.0	X	0.1	8	7	0.3	2	14	3	11	55.9	2	2	14	1	0	11	0.3	0	2	55	4	13	1	74
JTRC276	6	7	comp20231058	12.9	477	4	0.2	38	3	61	1	3	2	1	19.1	15	3	4	1	1.19	21	0	0.2	0.0	X	0.1	11	14	0.2	4	43	2	15	57.8	3	2	19	1	0	15	0.4	0	2	67	4	17	2	132
JTRC276	7	8	comp20231058	12.9	477	4	0.2	38	3	61	1	3	2	1	19.1	15	3	4	1	1.19	21	0	0.2	0.0	X	0.1	11	14	0.2	4	43	2	15	57.8	3	2	19	1	0	15	0.4	0	2	67	4	17	2	132
JTRC276	8	9	comp20231059	9.4	435	3	0.0	51	4	46	1	3	2	1	33.1	12	3	3	1	0.73	31	0	0.1	0.1	X	0.1	9	16	0.5	5	27	1	14	46.7	3	2	21	1	0	13	0.4	0	3	53	3	15	2	88
JTRC276	9	10	comp20231059	9.4	435	3	0.0	51	4	46	1	3	2	1	33.1	12	3	3	1	0.73	31	0	0.1	0.1	X	0.1	9	16	0.5	5	27	1	14	46.7	3	2	21	1	0	13	0.4	0	3	53	3	15	2	88
JTRC276	10	11	comp20231060	9.6	266	2	0.0	65	4	35	1	2	2	1	24.9	15	2	3	1	0.52	37	0	0.1	0.1	X	0.1	9	18	0.4	6	20	1	15	55.9	3	2	21	1	0	13	0.4	0	3	54	3	16	1	94
JTRC276	11	12	comp20231060	9.6	266	2	0.0	65	4	35	1	2	2	1	24.9	15	2	3	1	0.52	37	0	0.1	0.1	X	0.1	9	18	0.4	6	20	1	15	55.9	3	2	21	1	0	13	0.4	0	3	54	3	16	1	94
JTRC276	12	13	202304723	2.8	384	3	0.0	159	4	29	0	2	1	1	48.2	6	2	1	0	0.58	124	0	0.1	0.1	X	0.2	5	39	0.7	17	4	3	14	38.1	5	X	27	0	0	6	0.2	0	3	29	2	8	1	39
JTRC276	13	14	202304724	5.8	245	2	0.0	134	4	25	0	4	1	2	36.9	5	7	2	1	0.21	126	0	0.2	0.1	X	0.2	5	110	0.5	36	9	2	14	46.0	17	X	28	0	1	7	0.2	0	4	35	2	11	1	50
JTRC276	14	15	comp20231061	13.3	368	6	0.0	270	6	34	0	5	2	4	28.4	11	11	3	1	0.44	219	0	0.2	0.1	X	0.2	19	181	0.5	58	20	2	13	47.7	27	2	42	1	1	27	0.4	0	5	46	9	16	2	95
JTRC276	15	16	comp20231061	13.3	368	6	0.0	270	6	34	0	5	2	4	28.4	11	11	3	1	0.44	219	0	0.2	0.1	X	0.2	19	181	0.5	58	20	2	13	47.7	27	2	42	1	1	27	0.4	0	5	46	9	16	2	95
JTRC276	16	17	comp20231062	10.4	847	4	0.0	447	10	23	0	6	2	5	42.9	9	13	2	1	0.14	393	0	0.1	0.1	X	0.2	12	255	1.0	87	6	2	X	34.1	35	2	57	1	2	23	0.3	0	4	33	7	15	2	73
JTRC276	17	18	comp20231062	10.4	847	4	0.0	447	10	23	0	6	2	5	42.9	9	13	2	1	0.14	393	0	0.1	0.1	X	0.2	12	255	1.0	87	6	2	X	34.1	35	2	57	1	2	23	0.3	0	4	33	7	15	2	73
JTRC276	18	19	comp20231063	6.2	1190	6	0.0	313	7	39	0	8	2	4	42.3	6	14	1	1	0.05	207	0	0.0	0.1	2	0.1	8	162	0.8	49	2	2	X	42.1	26	1	59	0	2	8	0.2	0	5	39	5	21	2	51
JTRC276	19	20	comp20231063	6.2	1190	6	0.0	313	7	39	0	8	2	4	42.3	6	14	1	1	0.05	207	0	0.0	0.1	2	0.1	8	162	0.8	49	2	2	X	42.1	26	1	59	0	2	8	0.2	0	5	39	5	21	2	51
JTRC276	20	21	202304732	4.8	2310	4	0.0	303	6	35	0	6	2	4	39.9	6	13	1	1	0.03	138	0	0.0	0.1	3	0.1	8	156	0.7	40	1	2	X	45.9	22	X	105	0	1	7	0.2	0	6	32	4	18	2	52
JTRC276	21	22	comp20231064	7.6	1501	3	0.0	186	7	26	0	4	1	2	28.4	6	6	1	1	0.05	80	0	0.1	0.1	2	0.1	5	78	0.5	22	1	1	X	55.6	12	X	43	0	1	6	0.2	0	9	32	2	13	1	40
JTRC276	22	23	comp20231064	7.6	1501	3	0.0	186	7	26	0	4	1	2	28.4	6	6	1	1	0.05	80	0	0.1	0.1	2	0.1	5	78	0.5	22	1	1	X	55.6	12	X	43	0	1	6	0.2	0	9	32	2	13	1	40
JTRC276	23	24	comp20231065	6.8	2536	4	0.0	148	26	29	0	7	3	2	29.3	9	10	2	1	0.16	58	0	0.1	1.2	1	0.1	7	63	0.5	16	6	1	X	55.0	12	1	21	1	1	8	0.2	0	9	36	5	31	3	53
JTRC276	24	25	comp20231065	6.8	2536	4	0.0	148	26	29	0	7	3	2	29.3	9	10	2	1	0.16	58	0	0.1	1.2	1	0.1	7	63	0.5	16	6	1	X	55.0	12	1	21	1	1	8	0.2	0	9	36	5	31	3	53
JTRC276	25	26	comp20231066	10.1	756	5	0.0	83	17	37	42	5	3	2	28.9	12	6	3	1	0.54	41	1	0.4	0.4	X	0.1	10	36	0.4	9	243	1	X	50.1	7	2	13	1	1	13	0.4	1	8	36	7	35	3	87
JTRC276	26	27	comp20231066	10.1	756	5	0.0	83	17	37	42	5	3	2	28.9	12	6	3	1	0.54	41	1	0.4	0.4	X	0.1	10	36	0.4	9	243	1	X	50.1	7	2	13	1	1	13	0.4	1	8	36	7	35	3	87
JTRC276	27	28	202304739	9.4	816	7	0.0	63	23	30	94	3	2	1	39.5	12	4	2	1	1.46	30	0	1.1	0.6	X	0.2	9	22	0.5	6	575	1	X	37.5	4	2	14	1	1	12	0.4	0	7	43	4	18	2	87
JTRC276	28	29	comp20231067	8.0	883	6	0.0	51	18	28	13	3	2	1	35.1	10	4	2	1	0.34	39	0	0.3	0.5	1	0.1	8	25	0.4	7	69	3	X	47.5	4	1	12	1	1	10	0.3	0	7	46				

Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr	
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC277	5	6	comp20231084	5.8	196	4	0.1	204	2	24	0	2	1	1	30.9	7	3	1	0	0.09	50	0	0.1	0.1	1	0.2	5	24	0.4	9	3	2	X	55.4	4	X	75	0	0	7	0.2	0	3	42	1	9	1	49	
JTRC277	6	7	comp20231084	5.8	196	4	0.1	204	2	24	0	2	1	1	30.9	7	3	1	0	0.09	50	0	0.1	0.1	1	0.2	5	24	0.4	9	3	2	X	55.4	4	X	75	0	0	7	0.2	0	3	42	1	9	1	49	
JTRC277	7	8	comp20231085	6.9	493	2	0.1	745	2	28	0	5	2	2	35.1	8	8	2	1	0.12	126	0	0.1	0.1	2	0.1	6	87	0.6	27	5	2	X	49.5	13	1	237	1	1	8	0.2	0	5	50	3	15	1	65	
JTRC277	8	9	comp20231085	6.9	493	2	0.1	745	2	28	0	5	2	2	35.1	8	8	2	1	0.12	126	0	0.1	0.1	2	0.1	6	87	0.6	27	5	2	X	49.5	13	1	237	1	1	8	0.2	0	5	50	3	15	1	65	
JTRC277	9	10	comp20231086	7.2	931	3	0.0	631	1	25	0	5	2	2	35.9	8	8	2	1	0.14	86	0	0.1	0.1	1	0.1	7	73	0.6	22	6	1	X	48.0	12	3	164	1	1	9	0.3	0	5	51	4	12	1	68	
JTRC277	10	11	comp20231086	7.2	931	3	0.0	631	1	25	0	5	2	2	35.9	8	8	2	1	0.14	86	0	0.1	0.1	1	0.1	7	73	0.6	22	6	1	X	48.0	12	3	164	1	1	9	0.3	0	5	51	4	12	1	68	
JTRC277	11	12	comp20231087	9.9	476	2	0.0	250	1	34	0	2	1	1	26.5	13	2	3	0	0.19	55	0	0.1	0.1	X	0.1	10	28	0.4	10	9	1	X	51.8	3	2	58	1	0	12	0.4	0	4	66	1	10	1	96	
JTRC277	12	13	comp20231087	9.9	476	2	0.0	250	1	34	0	2	1	1	26.5	13	2	3	0	0.19	55	0	0.1	0.1	X	0.1	10	28	0.4	10	9	1	X	51.8	3	2	58	1	0	12	0.4	0	4	66	1	10	1	96	
JTRC277	13	14	comp20231088	6.5	222	3	0.0	419	1	38	0	2	1	1	31.8	9	3	2	0	0.16	74	0	0.0	0.1	1	0.1	8	40	0.5	14	6	1	X	53.6	6	2	110	1	0	10	0.3	0	5	56	X	8	1	74	
JTRC277	14	15	comp20231088	6.5	222	3	0.0	419	1	38	0	2	1	1	31.8	9	3	2	0	0.16	74	0	0.0	0.1	1	0.1	8	40	0.5	14	6	1	X	53.6	6	2	110	1	0	10	0.3	0	5	56	X	8	1	74	
JTRC277	15	16	comp20231089	14.1	264	3	0.0	26	1	52	0	2	1	0	18.5	16	1	4	0	0.78	7	0	0.1	0.1	X	0.1	13	4	0.2	1	26	1	X	58.2	1	3	20	1	0	18	0.5	0	4	69	2	11	1	126	
JTRC277	16	17	comp20231089	14.1	264	3	0.0	26	1	52	0	2	1	0	18.5	16	1	4	0	0.78	7	0	0.1	0.1	X	0.1	13	4	0.2	1	26	1	X	58.2	1	3	20	1	0	18	0.5	0	4	69	2	11	1	126	
JTRC277	17	18	comp20231090	12.3	155	3	0.0	58	1	48	0	2	1	0	18.8	13	1	3	0	0.58	23	0	0.1	0.1	X	0.1	11	10	0.3	3	21	1	12	59.2	2	3	24	1	0	16	0.4	0	5	64	1	12	1	112	
JTRC277	18	19	comp20231090	12.3	155	3	0.0	58	1	48	0	2	1	0	18.8	13	1	3	0	0.58	23	0	0.1	0.1	X	0.1	11	10	0.3	3	21	1	12	59.2	2	3	24	1	0	16	0.4	0	5	64	1	12	1	112	
JTRC277	19	20	comp20231091	8.7	447	2	0.0	531	1	33	0	5	2	2	26.7	10	7	2	1	0.34	129	0	0.1	0.1	X	0.1	8	80	0.6	24	14	1	12	55.2	12	1	191	1	1	11	0.3	0	5	53	1	14	1	81	
JTRC277	20	21	comp20231091	8.7	447	2	0.0	531	1	33	0	5	2	2	26.7	10	7	2	1	0.34	129	0	0.1	0.1	X	0.1	8	80	0.6	24	14	1	12	55.2	12	1	191	1	1	11	0.3	0	5	53	1	14	1	81	
JTRC277	21	22	comp20231092	8.1	363	3	0.0	384	2	29	X	3	2	2	32.8	8	5	2	1	0.09	76	0	0.1	0.1	X	0.1	6	65	0.6	18	3	2	10	50.5	9	X	141	1	1	9	0.2	0	7	41	X	11	1	65	
JTRC277	22	23	comp20231092	8.1	363	3	0.0	384	2	29	X	3	2	2	32.8	8	5	2	1	0.09	76	0	0.1	0.1	X	0.1	6	65	0.6	18	3	2	10	50.5	9	X	141	1	1	9	0.2	0	7	41	X	11	1	65	
JTRC277	23	24	202304819	6.6	464	4	0.0	356	3	X	X	10	3	4	37.4	5	16	1	1	0.06	69	0	0.0	0.1	10	0.1	4	93	0.7	20	1	2	X	46.7	21	X	157	0	2	5	0.2	0	6	33	1	22	2	39	
JTRC277	24	25	comp20231093	8.5	323	2	0.0	188	1	28	0	3	1	1	21.2	11	3	2	1	0.36	55	0	0.1	0.1	2	0.1	7	36	0.5	11	10	2	X	61.4	6	2	64	1	1	9	0.3	0	6	46	1	11	1	70	
JTRC277	25	26	comp20231093	8.5	323	2	0.0	188	1	28	0	3	1	1	21.2	11	3	2	1	0.36	55	0	0.1	0.1	2	0.1	7	36	0.5	11	10	2	X	61.4	6	2	64	1	1	9	0.3	0	6	46	1	11	1	70	
JTRC277	26	27	202304823	10.0	354	2	0.1	153	1	39	0	3	1	1	21.6	11	4	3	1	0.34	79	0	0.1	0.1	2	0.1	9	42	0.5	14	11	1	X	59.3	6	2	65	1	1	12	0.3	0	7	51	2	10	2	87	
JTRC277	27	28	202304824	14.4	515	2	2.4	17	1	42	0	1	1	0	19.9	16	1	3	0	0.52	4	0	0.1	0.2	5	0.1	12	3	0.3	1	17	1	X	51.9	1	2	16	1	0	15	0.4	0	4	48	5	5	1	103	
JTRC277	28	29	comp20231094	14.7	2403	2	0.0	63	6	42	0	1	1	0	16.6	15	1	3	0	0.35	9	0	0.1	1.9	X	0.1	12	6	0.2	2	13	1	X	56.0	1	2	24	1	0	17	0.5	0	3	50	4	5	1	112	
JTRC277	29	30	comp20231094	14.7	2403	2	0.0	63	6	42	0	1	1	0	16.6	15	1	3	0	0.35	9	0	0.1	1.9	X	0.1	12	6	0.2	2	13	1	X	56.0	1	2	24	1	0	17	0.5	0	3	50	4	5	1	112	
JTRC277	30	31	202304828	12.7	2000	3	0.1	150	22	39	0	1	1	0	15.4	15	1	3	0	0.4	7	0	0.1	5.4	3	0.2	12	6	0.2	2	12	1	X	56.5	1	3	15	1	0	15	0.4	X	4	41	4	4	1	107	
JTRC277	31	32	202304829	13.6	4302	3	0.0	187	31	42	0	1	1	0	16.7	16	1	3	0	0.26	9	0	0.1	7.9	2	0.2	12	9	0.1	2	3	1	X	51.7	2	3	17	1	0	16	0.5	0	4	39	3	4	1	111	
JTRC277	32	33	202304830	18.9	3270	3	0.0	257	27	51	0	1	1	0	12.2	20	1	4	0	0.63	10	0	0.1	5.7	2	0.2	17	7	0.1	2	25	2	11	51.7	2	3	9	1	0	24	0.7	X	6	52	3	4	1	157	
JTRC277	33	34	202304831	12.5	5161	3	0.0	213	51	42	1	1	1	0	24.4	17	1	3	0	0.24	9	0	0.1	7.0	3	0.2	13	8	0.1	2	6	2	X	45.2	2	2	25	1	0	15	0.4	0	5	54	7	5	1	110	



Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC278	28	29	comp20231112	13.6	1890	4	0.0	408	1	49	0	10	4	4	23.0	15	15	3	2	0.39	220	1	0.1	0.1	2	0.1	11	149	0.4	44	12	2	49	52.1	25	3	139	1	2	14	0.4	1	6	84	2	34	3	100
JTRC278	29	30	comp20231112	13.6	1890	4	0.0	408	1	49	0	10	4	4	23.0	15	15	3	2	0.39	220	1	0.1	0.1	2	0.1	11	149	0.4	44	12	2	49	52.1	25	3	139	1	2	14	0.4	1	6	84	2	34	3	100
JTRC278	30	31	comp20231113	12.3	2225	2	0.0	91	24	55	0	3	2	0	13.7	16	2	3	1	0.53	12	0	0.1	1.1	X	0.1	11	9	0.1	3	17	1	14	63.6	2	3	19	1	0	14	0.5	0	3	66	4	13	2	104
JTRC278	31	32	comp20231113	12.3	2225	2	0.0	91	24	55	0	3	2	0	13.7	16	2	3	1	0.53	12	0	0.1	1.1	X	0.1	11	9	0.1	3	17	1	14	63.6	2	3	19	1	0	14	0.5	0	3	66	4	13	2	104
JTRC278	32	33	comp20231114	10.8	963	5	0.0	235	24	47	0	4	2	1	23.0	16	5	3	1	0.56	113	0	0.1	1.2	1	0.1	10	52	0.3	17	20	2	24	56.6	7	3	107	1	1	14	0.4	0	5	58	4	14	2	108
JTRC278	33	34	comp20231114	10.8	963	5	0.0	235	24	47	0	4	2	1	23.0	16	5	3	1	0.56	113	0	0.1	1.2	1	0.1	10	52	0.3	17	20	2	24	56.6	7	3	107	1	1	14	0.4	0	5	58	4	14	2	108
JTRC278	34	35	202304897	7.7	671	6	0.0	1065	14	31	0	9	3	6	40.1	7	17	2	1	0.09	406	0	0.0	0.9	X	0.1	6	300	0.9	95	3	2	27	41.2	35	X	624	1	2	7	0.2	0	8	45	3	26	3	57
JTRC278	35	36	202304898	12.3	525	4	0.0	87	10	34	0	2	1	0	23.6	14	2	4	0	0.16	31	0	0.0	0.9	2	0.1	11	18	0.4	5	6	X	13	52.9	3	3	39	1	0	15	0.4	0	8	59	2	9	1	127
JTRC278	36	37	202304899	9.1	1917	5	1.3	305	83	31	0	4	2	1	19.6	10	4	2	1	0.36	28	0	0.1	4.2	3	0.1	8	27	0.4	8	11	1	X	54.8	5	3	36	1	1	11	0.3	0	8	44	2	13	2	90
JTRC278	37	38	comp20231115	9.1	601	4	0.0	215	45	38	38	5	3	2	22.9	11	7	2	1	1.08	70	0	0.6	1.7	3	0.1	8	59	0.5	18	420	1	X	56.3	10	3	64	1	1	11	0.3	0	8	43	2	19	2	94
JTRC278	38	39	comp20231115	9.1	601	4	0.0	215	45	38	38	5	3	2	22.9	11	7	2	1	1.08	70	0	0.6	1.7	3	0.1	8	59	0.5	18	420	1	X	56.3	10	3	64	1	1	11	0.3	0	8	43	2	19	2	94
JTRC278	39	40	comp20231116	9.7	611	5	0.0	187	97	38	30	6	3	2	22.2	13	7	3	1	1.26	40	0	0.8	3.1	2	0.1	9	46	0.4	12	370	1	X	55.4	9	2	27	1	1	12	0.3	1	7	48	1	24	3	100
JTRC278	40	41	comp20231116	9.7	611	5	0.0	187	97	38	30	6	3	2	22.2	13	7	3	1	1.26	40	0	0.8	3.1	2	0.1	9	46	0.4	12	370	1	X	55.4	9	2	27	1	1	12	0.3	1	7	48	1	24	3	100
JTRC278	41	42	comp20231117	11.1	507	6	0.0	78	43	43	9	4	3	1	25.9	15	5	3	1	1.18	24	0	1.0	1.6	2	0.2	10	24	0.4	6	171	1	X	52.1	5	3	16	1	1	13	0.4	0	7	62	3	23	2	112
JTRC278	42	43	comp20231117	11.1	507	6	0.0	78	43	43	9	4	3	1	25.9	15	5	3	1	1.18	24	0	1.0	1.6	2	0.2	10	24	0.4	6	171	1	X	52.1	5	3	16	1	1	13	0.4	0	7	62	3	23	2	112
JTRC278	43	44	comp20231118	4.2	268	3	0.1	41	10	26	2	4	3	1	30.7	6	4	1	1	0.26	16	0	1.1	0.3	2	0.3	5	15	0.2	4	43	2	X	54.3	3	X	11	0	1	6	0.2	0	3	38	2	25	2	52
JTRC278	44	45	comp20231118	4.2	268	3	0.1	41	10	26	2	4	3	1	30.7	6	4	1	1	0.26	16	0	1.1	0.3	2	0.3	5	15	0.2	4	43	2	X	54.3	3	X	11	0	1	6	0.2	0	3	38	2	25	2	52
JTRC278	45	46	comp20231119	3.7	99	3	0.1	123	24	X	2	8	5	2	32.5	3	8	1	2	0.3	45	1	1.2	0.7	X	0.4	3	49	0.2	12	55	1	X	49.9	9	1	126	0	1	4	0.1	1	3	30	1	54	4	31
JTRC278	46	47	comp20231119	3.7	99	3	0.1	123	24	X	2	8	5	2	32.5	3	8	1	2	0.3	45	1	1.2	0.7	X	0.4	3	49	0.2	12	55	1	X	49.9	9	1	126	0	1	4	0.1	1	3	30	1	54	4	31
JTRC278	47	48	comp20231120	3.6	136	5	0.2	138	36	X	2	30	19	4	31.9	5	26	1	7	0.37	42	2	1.5	1.0	X	0.4	4	61	0.4	13	48	2	X	50.7	16	X	147	0	4	4	0.1	2	2	24	2	214	15	34
JTRC278	48	49	comp20231120	3.6	136	5	0.2	138	36	X	2	30	19	4	31.9	5	26	1	7	0.37	42	2	1.5	1.0	X	0.4	4	61	0.4	13	48	2	X	50.7	16	X	147	0	4	4	0.1	2	2	24	2	214	15	34
JTRC278	49	50	comp20231121	4.0	38	4	0.5	64	26	X	1	21	14	3	30.3	5	18	1	5	0.5	25	2	1.5	0.6	X	0.4	4	32	0.6	7	57	2	X	51.6	9	X	60	0	3	5	0.2	2	1	30	1	177	11	42
JTRC278	50	51	comp20231121	4.0	38	4	0.5	64	26	X	1	21	14	3	30.3	5	18	1	5	0.5	25	2	1.5	0.6	X	0.4	4	32	0.6	7	57	2	X	51.6	9	X	60	0	3	5	0.2	2	1	30	1	177	11	42
JTRC278	51	52	comp20231122	9.0	194	3	0.1	80	16	43	4	7	4	1	19.3	13	7	3	1	1.72	32	1	2.1	0.5	X	0.3	9	33	0.3	8	103	1	X	56.9	7	2	25	1	1	12	0.3	1	6	58	2	43	4	92
JTRC278	52	53	comp20231122	9.0	194	3	0.1	80	16	43	4	7	4	1	19.3	13	7	3	1	1.72	32	1	2.1	0.5	X	0.3	9	33	0.3	8	103	1	X	56.9	7	2	25	1	1	12	0.3	1	6	58	2	43	4	92
JTRC278	53	54	comp20231123	10.4	245	4	0.1	126	22	46	6	12	8	2	20.3	13	12	3	3	2.78	54	1	3.3	0.5	1	0.4	10	48	0.3	13	135	1	X	52.4	10	3	37	1	2	14	0.4	1	6	60	2	82	6	103
JTRC278	54	55	comp20231123	10.4	245	4	0.1	126	22	46	6	12	8	2	20.3	13	12	3	3	2.78	54	1	3.3	0.5	1	0.4	10	48	0.3	13	135	1	X	52.4	10	3	37	1	2	14	0.4	1	6	60	2	82	6	103
JTRC278	55	56	202304919	10.0	225	4	0.2	113	28	44	3	10	6	2	17.8	15	10	3	2	2.21	50	1	2.7	0.7	X	0.4	10	44	0.3	12	88	1	X	55.0	8	2	22	1	1	14	0.4	1	5	74	2	69	5	108
JTRC278	56	57	comp20231124	5.2	78	2	0.6	60	15	29	2	5	4	1	21.3	6	5	2	1	0.9	25	0	1.7	0.4	1	0.3	6	24	0.5	6	53	1	X	61.5	5													

Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC279	51	52	202304982	14.9	1708	6	0.0	255	82	99	9	29	13	11	8.1	22	42	5	5	6.36	363	1	2.8	1.2	X	0.4	14	324	0.1	88	561	1	17	60.5	56	4	41	2	5	13	0.8	2	6	103	2	125	11	158
JTRC279	52	53	202304983	12.3	1727	6	0.0	326	80	62	7	26	45	23	7.5	16	108	4	16	4.8	700	5	2.5	1.4	X	0.4	11	658	0.2	169	392	1	15	64.9	120	3	41	1	14	12	0.6	6	7	79	2	531	36	126
JTRC279	53	54	comp20231141	12.2	2133	5	0.0	189	154	63	10	11	6	3	7.4	17	13	3	2	5.35	95	1	1.3	4.1	X	0.3	10	85	0.1	22	403	2	17	63.0	16	3	36	1	2	14	0.5	1	7	68	2	63	6	113
JTRC279	54	55	comp20231141	12.2	2133	5	0.0	189	154	63	10	11	6	3	7.4	17	13	3	2	5.35	95	1	1.3	4.1	X	0.3	10	85	0.1	22	403	2	17	63.0	16	3	36	1	2	14	0.5	1	7	68	2	63	6	113
JTRC279	55	56	comp20231142	12.2	5328	6	0.1	511	157	72	16	34	17	9	8.2	18	43	4	6	4.86	301	2	2.2	3.9	X	0.3	10	247	0.1	64	539	2	16	62.3	45	3	40	1	6	11	0.6	2	9	74	3	195	14	119
JTRC279	56	57	comp20231142	12.2	5328	6	0.1	511	157	72	16	34	17	9	8.2	18	43	4	6	4.86	301	2	2.2	3.9	X	0.3	10	247	0.1	64	539	2	16	62.3	45	3	40	1	6	11	0.6	2	9	74	3	195	14	119
JTRC279	57	58	comp20231143	12.4	2166	4	0.0	389	38	77	11	26	12	8	8.7	19	35	4	4	5.47	244	1	3.4	0.8	X	0.4	11	219	0.1	58	538	1	15	63.0	40	3	37	1	5	10	0.7	2	4	79	2	123	10	127
JTRC279	58	59	comp20231143	12.4	2166	4	0.0	389	38	77	11	26	12	8	8.7	19	35	4	4	5.47	244	1	3.4	0.8	X	0.4	11	219	0.1	58	538	1	15	63.0	40	3	37	1	5	10	0.7	2	4	79	2	123	10	127
JTRC279	59	60	202304991	13.8	3104	5	0.0	485	55	72	13	26	12	10	10.0	18	41	4	5	5.29	362	1	3.6	1.1	X	0.4	11	345	0.1	94	647	1	20	56.9	58	3	33	1	5	12	0.7	2	6	84	3	123	10	144
JTRC280	0	1	comp20231144	5.5	2068	1	14.2	32	9	36	4	2	1	1	3.7	8	3	2	1	2.49	20	0	11.1	0.3	X	0.4	5	19	X	5	132	1	X	38.8	3	1	817	1	0	5	0.2	0	1	39	1	13	1	74
JTRC280	1	2	comp20231144	5.5	2068	1	14.2	32	9	36	4	2	1	1	3.7	8	3	2	1	2.49	20	0	11.1	0.3	X	0.4	5	19	X	5	132	1	X	38.8	3	1	817	1	0	5	0.2	0	1	39	1	13	1	74
JTRC280	2	3	comp20231145	9.5	7310	2	5.4	24	9	43	6	1	1	0	5.7	13	2	3	0	4.56	13	0	6.2	0.2	X	0.5	8	9	X	3	209	1	X	55.0	2	3	361	1	0	7	0.4	0	1	68	2	10	1	103
JTRC280	3	4	comp20231145	9.5	7310	2	5.4	24	9	43	6	1	1	0	5.7	13	2	3	0	4.56	13	0	6.2	0.2	X	0.5	8	9	X	3	209	1	X	55.0	2	3	361	1	0	7	0.4	0	1	68	2	10	1	103
JTRC280	4	5	comp20231146	12.0	11906	1	0.1	15	7	59	10	1	1	0	7.4	19	1	3	0	6.38	18	X	2.0	0.1	X	0.4	11	4	0.0	1	332	1	X	66.3	1	3	87	1	0	9	0.5	X	1	83	2	5	1	113
JTRC280	5	6	comp20231146	12.0	11906	1	0.1	15	7	59	10	1	1	0	7.4	19	1	3	0	6.38	18	X	2.0	0.1	X	0.4	11	4	0.0	1	332	1	X	66.3	1	3	87	1	0	9	0.5	X	1	83	2	5	1	113
JTRC280	6	7	202304998	13.7	1850	4	1.6	7	8	62	9	1	1	0	7.1	20	1	4	0	6.11	4	0	2.6	0.1	X	0.3	12	4	0.0	1	356	1	10	63.6	1	3	109	1	0	13	0.5	0	1	78	3	6	1	121
JTRC280	7	8	202304999	14.8	3785	3	2.9	14	7	59	9	2	1	0	11.6	19	1	3	0	3.92	9	0	2.6	0.6	X	0.7	12	6	0.0	2	243	2	12	52.1	1	3	76	1	0	16	0.5	0	2	83	5	10	1	110
JTRC280	8	9	202305001	4.4	1138	9	19.3	172	43	X	1	8	5	2	6.8	6	9	1	2	1.07	89	1	13.6	6.6	X	0.4	3	60	0.1	17	35	X	X	13.9	10	X	106	0	1	4	0.1	1	2	X	4	60	4	28
JTRC280	9	10	202305002	2.0	405	1	26.5	17	7	X	1	1	1	0	4.0	3	1	0	0	0.6	9	X	16.8	2.6	X	0.1	2	7	0.1	2	23	X	X	8.3	2	X	44	0	0	2	0.1	X	0	X	2	8	1	15
JTRC280	10	11	202305003	3.7	427	1	23.9	27	8	X	1	2	1	0	3.4	5	2	1	0	0.98	15	0	15.2	1.7	X	0.4	3	11	0.1	3	38	1	X	16.9	2	X	41	0	0	4	0.1	0	0	X	2	12	1	28
JTRC280	11	12	202305004	4.5	359	1	21.0	34	10	X	3	2	1	0	4.9	8	2	1	0	1.08	16	0	13.6	2.6	X	0.6	4	12	0.1	4	58	1	X	24.2	2	1	41	0	0	6	0.2	0	0	12	4	13	1	37
JTRC280	12	13	202305005	5.9	436	2	17.6	39	14	23	3	2	2	1	5.0	8	2	1	1	1.29	19	0	13.1	5.0	X	0.8	6	15	0.1	4	57	1	X	24.7	3	2	52	1	0	7	0.2	0	0	13	2	15	1	50
JTRC280	13	14	202305006	4.1	354	2	21.9	28	10	X	3	2	1	0	5.3	6	2	1	0	1.18	15	0	12.4	2.1	X	0.5	4	11	0.1	3	56	1	X	25.2	2	X	41	0	0	5	0.2	0	0	X	3	12	1	34
JTRC280	14	15	202305007	3.7	331	1	21.6	29	12	X	3	2	1	0	6.4	5	3	1	1	1.01	22	0	11.2	3.4	X	0.4	4	15	0.1	4	64	1	X	25.1	3	X	81	0	0	4	0.1	0	0	12	2	30	2	31
JTRC280	15	16	202305008	5.2	559	5	2.4	236	71	24	5	22	14	5	19.1	5	23	1	4	1.51	185	2	4.4	11.4	1	0.6	4	158	0.0	41	76	2	X	46.1	25	X	88	0	3	4	0.1	2	3	14	3	139	13	31
JTRC280	16	17	202305009	9.3	5153	3	0.4	24	13	28	12	2	2	1	15.4	10	3	2	0	1.79	30	0	4.3	2.1	X	0.7	8	16	0.0	5	189	2	X	53.9	3	2	64	1	0	9	0.3	0	1	28	3	14	2	75
JTRC280	17	18	202305010	8.2	18234	2	0.2	24	8	47	10	2	1	0	15.9	13	2	3	0	1.42	21	0	3.2	1.4	1	0.6	10	13	0.1	3	161	4	X	56.1	2	2	104	1	0	12	0.4	0	1	31	5	11	1	88
JTRC280	18	19	202305011	10.1	1961	2	0.6	23	6	41	8	3	2	1	21.4	14	2	3	1	0.82	15	0	1.4	0.8	1	0.3	11	13	0.1	3	114	3	X	55.0	2	2	14	1	0	14	0.4	0	1	32	4	17	2	103
JTRC280	19	20	202305012	10.5	2771	2	0.1	13	2	38	5	1	1	0	20.1	12	1	3	0	0.33	7	0	0.3	0.5	X	0.1	10	4	0.1	1	26	2	X	58.8	1	2	24											



Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC281	14	15	202305072	5.6	1380	2	0.0	63	28	X	0	2	1	0	28.4	4	1	1	0	0.18	5	0	0.1	3.1	1	0.1	4	6	0.1	1	1	2	X	55.8	2	X	31	0	0	3	0.1	0	4	16	4	9	1	34
JTRC281	15	16	202305073	3.0	401	1	0.0	46	18	X	0	2	1	0	37.9	2	1	0	0	0.1	6	0	0.0	1.8	2	0.1	2	6	0.1	2	1	3	X	52.6	1	X	17	0	0	1	0.0	0	2	15	3	10	1	15
JTRC281	16	17	202305074	4.5	777	3	0.0	251	105	X	0	5	3	1	28.4	2	5	0	1	0.65	27	0	0.1	13.5	2	0.2	1	27	0.1	7	3	3	X	44.9	6	X	145	X	1	1	0.0	1	5	X	3	22	3	12
JTRC281	17	18	202305075	1.5	137	3	0.0	68	29	X	4	3	2	1	38.8	2	3	0	1	0.26	14	0	0.1	4.9	3	0.1	2	15	0.1	4	10	3	X	50.0	4	X	104	X	1	1	0.0	0	2	11	2	14	2	16
JTRC281	18	19	202305077	3.6	153	3	0.1	104	38	X	6	11	6	3	26.8	4	13	1	2	0.61	48	1	1.2	7.2	2	0.4	3	66	0.1	15	59	1	X	49.7	12	X	152	0	2	3	0.1	1	1	X	3	56	5	30
JTRC281	19	20	202305078	4.5	139	3	13.5	45	17	X	2	19	13	3	13.8	7	21	1	4	0.59	77	1	10.8	7.7	X	0.5	4	58	0.1	12	30	1	X	21.3	10	X	166	0	3	5	0.2	2	0	X	2	202	9	43
JTRC281	20	21	202305079	1.8	141	1	19.9	28	9	X	1	2	1	0	8.2	4	2	1	0	0.17	14	0	13.0	3.5	X	0.3	2	10	0.1	3	7	3	X	21.0	2	X	92	0	0	2	0.2	0	0	X	2	16	1	16
JTRC281	21	22	202305080	3.2	166	4	14.9	39	10	X	2	6	5	1	9.9	4	5	1	2	0.3	38	1	11.8	4.8	X	0.5	3	20	0.0	5	17	2	X	25.5	4	1	130	0	1	4	0.2	1	0	10	5	102	4	29
JTRC281	22	23	202305081	5.6	269	7	0.3	120	24	24	8	4	2	2	25.5	7	9	2	1	1.22	46	1	2.0	5.3	X	0.4	6	54	0.1	14	120	1	X	49.3	10	1	115	1	1	7	0.2	1	1	23	5	27	3	52
JTRC281	23	24	202305082	4.8	286	4	0.5	112	19	21	6	4	2	1	23.0	6	4	1	1	1.3	27	0	2.1	3.6	2	0.5	5	29	0.0	8	84	1	X	56.9	6	1	73	0	1	6	0.2	0	1	21	4	22	2	45
JTRC281	24	25	202305083	3.3	118	5	0.7	147	19	X	3	16	9	4	27.1	5	17	1	3	0.85	117	1	1.6	4.8	2	0.3	3	110	0.1	29	38	1	X	52.8	21	X	80	0	3	4	0.1	1	1	13	2	94	7	28
JTRC281	25	26	202305084	4.3	118	4	0.9	50	10	X	4	5	3	1	23.4	5	4	1	1	1.13	28	0	2.7	2.4	2	0.3	4	19	0.1	5	52	1	X	58.3	4	X	67	0	1	5	0.1	0	0	21	2	41	3	39
JTRC281	26	27	202305085	5.5	188	2	6.4	49	12	21	4	3	2	1	11.1	8	3	2	1	1.51	24	0	4.9	2.2	1	0.5	6	18	0.1	5	90	1	X	56.4	4	1	72	0	0	7	0.2	0	1	32	3	20	2	71
JTRC281	27	28	202305086	4.8	175	2	21.7	34	12	22	3	2	2	1	6.7	6	3	2	1	1.23	19	0	9.3	3.7	X	0.4	5	14	0.1	4	61	X	X	26.4	3	1	75	0	0	6	0.2	0	1	34	1	15	1	49
JTRC281	28	29	202305087	4.4	159	1	18.6	31	11	25	4	2	1	1	6.3	8	2	1	0	1.17	15	0	8.0	5.1	X	0.4	4	12	0.1	3	73	1	X	34.5	2	X	67	0	0	5	0.1	0	1	13	X	11	1	36
JTRC281	29	30	202305088	4.2	174	2	22.4	29	11	21	2	2	1	1	4.7	6	2	1	0	0.93	17	0	9.8	4.1	X	0.4	4	12	0.1	4	41	1	X	27.6	3	X	52	0	0	5	0.2	0	1	12	X	13	1	35
JTRC281	30	31	202305089	4.7	219	2	26.5	32	10	23	3	2	1	0	3.7	6	2	1	0	0.81	17	0	9.6	3.7	X	0.6	4	13	0.1	4	39	X	X	20.2	2	X	57	0	0	6	0.2	0	0	X	2	13	1	40
JTRC281	31	32	202305091	7.3	519	3	6.6	61	18	37	4	4	2	1	7.6	9	5	2	1	0.96	34	0	9.6	7.4	2	1.1	8	27	0.1	7	35	2	X	41.6	5	1	132	1	1	8	0.3	0	1	14	2	20	2	59
JTRC281	32	33	202305092	8.2	1029	3	3.5	61	24	42	2	4	3	1	9.1	11	4	2	1	1.29	33	0	11.1	10.0	2	1.3	8	25	0.1	6	35	2	X	38.9	4	2	182	1	1	9	0.3	0	1	18	2	31	2	65
JTRC281	33	34	202305093	10.1	2149	6	1.7	69	30	43	1	5	4	1	9.7	14	5	2	1	1.58	41	0	8.1	11.9	4	1.5	9	32	0.2	8	35	1	X	36.2	5	2	250	1	1	11	0.4	1	1	28	3	53	3	82
JTRC281	34	35	202305094	11.4	3351	3	1.0	63	14	52	7	4	3	1	6.6	14	4	3	1	4.85	29	0	4.3	4.4	3	0.7	10	24	0.1	7	281	1	X	58.0	4	2	100	1	1	13	0.4	0	1	42	3	30	3	90
JTRC281	35	36	202305095	13.6	4803	3	0.5	81	16	64	5	5	3	1	7.2	20	5	3	1	6.67	39	1	1.7	2.3	4	0.7	11	31	0.1	9	237	1	11	62.4	6	3	46	1	1	16	0.5	0	2	56	3	28	3	109
JTRC281	36	37	202305096	12.6	4695	3	0.4	70	16	55	5	5	3	1	8.4	17	6	3	1	5.52	45	0	2.4	1.5	8	0.6	11	36	0.1	10	197	1	11	61.3	6	3	40	1	1	14	0.5	0	1	75	3	27	3	105
JTRC281	37	38	202305097	11.4	18053	3	1.0	70	13	56	3	4	2	1	8.6	15	5	3	1	4.22	36	0	3.3	0.7	2	0.6	10	30	0.1	8	127	1	X	60.7	5	2	45	1	1	13	0.4	0	1	64	1	24	2	94
JTRC281	38	39	202305098	7.9	15090	1	4.2	49	21	46	3	3	2	1	5.1	11	3	2	1	3.51	23	0	5.5	0.6	2	0.3	7	19	0.1	5	114	2	X	69.5	4	2	30	1	0	9	0.3	0	2	41	2	16	2	81
JTRC281	39	40	202305099	9.7	4159	3	6.8	58	16	56	3	4	2	1	6.7	12	4	3	1	4.61	27	0	7.2	0.8	3	0.5	8	24	0.1	6	152	3	X	58.8	4	2	37	1	1	10	0.4	0	2	68	1	22	2	98
JTRC281	40	41	202305101	11.8	2918	3	1.0	59	25	64	7	4	2	1	5.2	16	3	3	1	5.62	29	0	3.4	0.4	4	0.4	10	24	0.1	7	189	4	11	67.5	4	2	29	1	1	13	0.5	0	4	106	2	18	2	120
JTRC281	41	42	202305102	10.7	2864	3	2.7	63	21	63	4	4	2	1	6.4	15	4	3	1	4.65	31	0	5.1	0.6	4	0.6	9	26	0.1	7	158	2	10	63.4	5	2	30	1	1	11	0.5	0	3	85	X	21	2	109
JTRC281	42	43	202305103	9.7	2033	2	8.0	54	16	52	4	3	2	1	5.8	13	3	3	1	4.59	26	0	7.2	0.6	2	0.5	8	21	0.1	6	151	1	X	59.8	4	2	39	1	1	10	0.4	0	2	63	2	20	2	96
JTRC281	43</																																															

Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC282	31	32	202305162	6.3	886	8	0.0	95	15	31	5	20	11	5	32.9	8	25	2	4	0.43	80	1	0.2	3.1	1	0.1	6	128	0.5	28	37	3	X	48.2	25	1	27	1	3	8	0.2	2	6	49	2	124	10	59
JTRC282	32	33	202305163	5.3	1752	6	0.0	64	16	26	4	9	6	2	32.0	8	10	1	2	0.38	59	1	0.1	3.8	2	0.1	5	53	0.4	14	23	2	X	52.0	10	X	43	0	2	7	0.2	1	5	42	2	59	6	46
JTRC282	33	34	202305164	7.7	1171	4	0.0	90	11	33	14	6	3	2	18.0	11	7	3	1	0.82	58	1	0.4	2.2	2	0.1	8	47	0.4	13	111	1	X	65.3	7	2	48	1	1	11	0.3	1	5	41	2	34	3	82
JTRC282	34	35	202305165	9.3	928	4	0.0	106	12	51	25	5	3	1	21.6	13	6	3	1	0.88	68	0	0.5	1.7	3	0.1	10	49	0.3	15	178	1	X	61.2	7	2	46	1	1	12	0.4	1	4	50	2	39	3	90
JTRC282	35	36	202305166	10.4	5719	4	0.0	176	42	38	1	5	3	1	19.7	15	5	3	1	0.65	58	0	0.1	7.0	5	0.1	11	42	0.2	13	22	2	X	54.2	6	2	49	1	1	14	0.4	0	5	59	7	24	3	99
JTRC282	36	37	202305167	16.0	2338	3	0.0	145	29	39	1	4	2	2	12.9	20	6	4	1	0.89	64	0	0.1	3.4	2	0.1	15	65	0.1	17	38	2	12	59.3	8	3	60	1	1	21	0.6	0	4	46	5	19	2	137
JTRC282	37	38	202305168	15.8	4916	5	0.0	252	58	40	1	4	2	1	11.8	22	5	4	1	0.88	58	0	0.1	6.7	3	0.1	15	57	0.2	16	32	2	14	55.0	8	3	59	1	1	21	0.6	0	7	72	7	15	2	138
JTRC282	38	39	202305169	12.4	1844	4	0.0	222	36	24	0	4	2	2	22.5	15	6	3	1	0.2	71	0	0.1	4.3	2	0.1	11	79	0.3	21	4	1	X	51.8	10	2	70	1	1	13	0.4	0	6	64	4	16	2	118
JTRC282	39	40	202305171	8.1	1942	5	0.0	212	44	28	0	4	2	1	31.0	10	5	2	1	0.19	48	0	0.1	5.8	3	0.1	7	52	0.5	15	3	1	X	46.7	8	1	46	1	1	8	0.3	0	11	36	2	17	2	56
JTRC282	40	41	202305172	6.0	1865	6	0.0	123	43	22	0	4	2	1	33.0	7	6	1	1	0.11	45	0	0.0	3.9	3	0.1	5	48	0.6	14	1	2	X	50.4	8	X	27	0	1	6	0.2	0	10	27	2	15	2	41
JTRC282	41	42	202305173	8.8	2644	4	0.0	137	42	29	0	4	2	1	24.3	11	4	2	1	0.29	26	0	0.1	4.9	5	0.1	8	31	0.3	8	7	1	X	53.7	6	X	32	1	1	10	0.3	0	7	41	3	11	2	66
JTRC282	42	43	202305174	8.8	5548	4	0.0	162	31	23	2	4	2	1	17.5	12	5	2	1	0.47	23	0	0.1	6.1	7	0.1	9	31	0.2	8	20	1	X	57.7	7	2	39	1	1	11	0.3	0	4	41	4	15	2	77
JTRC282	43	44	202305176	14.7	19725	5	0.1	231	58	X	5	9	5	3	16.3	21	10	4	2	1.14	66	1	0.6	8.8	3	0.3	15	73	0.1	19	51	4	12	42.9	15	3	18	1	2	20	0.6	1	6	30	4	42	5	136
JTRC282	44	45	202305177	13.2	9194	4	0.1	145	34	22	24	7	4	2	13.9	19	8	4	2	1.79	41	1	2.5	5.5	1	0.4	13	54	0.1	13	268	1	11	50.6	11	3	15	1	1	17	0.5	1	4	32	3	35	4	123
JTRC282	45	46	202305178	4.8	2596	3	0.0	47	15	23	18	4	2	1	19.7	7	4	1	1	0.36	17	0	0.4	2.2	2	0.1	5	19	0.1	5	145	3	X	68.1	5	X	10	0	1	6	0.2	0	2	32	4	18	2	48
JTRC282	46	47	202305179	8.1	5243	5	0.0	92	28	X	3	7	3	2	19.6	12	7	2	1	0.47	30	1	0.2	4.7	2	0.1	9	42	0.1	10	26	3	X	59.2	9	2	18	1	1	12	0.3	1	4	36	6	26	4	77
JTRC282	47	48	202305180	4.8	4286	4	0.1	73	28	22	14	9	5	2	12.9	8	9	1	2	0.73	40	1	0.8	4.2	3	0.2	5	51	0.1	13	161	2	X	70.2	10	X	47	0	2	7	0.2	1	4	22	11	55	5	51
JTRC282	48	49	202305181	12.8	2754	6	0.1	104	23	29	5	10	6	2	12.9	17	11	3	2	3.09	60	1	1.5	2.6	1	0.4	12	60	0.1	16	156	3	11	56.1	12	3	45	1	2	17	0.5	1	4	25	7	84	6	111
JTRC282	49	50	202305182	3.3	6280	4	0.1	50	35	X	2	10	6	2	10.5	5	9	1	2	0.52	42	1	0.7	8.3	3	0.3	3	44	0.1	11	22	3	X	67.9	10	1	111	0	2	5	0.1	1	3	12	5	69	5	34
JTRC282	50	51	202305183	0.7	1903	3	0.0	22	11	X	4	3	2	1	9.5	1	3	0	1	0.12	13	0	0.2	3.0	2	0.1	1	13	0.1	3	26	2	X	83.8	3	X	23	X	0	1	0.0	0	2	11	3	21	2	9
JTRC282	51	52	202305184	1.5	7183	7	0.1	53	32	X	7	10	6	2	23.0	5	10	0	2	0.33	47	1	0.7	12.3	3	0.3	2	44	0.2	11	43	3	X	51.5	9	X	127	0	2	2	0.2	1	4	11	7	62	5	17
JTRC282	52	53	202305185	4.1	1948	4	0.1	53	16	22	25	6	4	1	21.3	5	7	1	1	0.45	41	1	1.3	2.7	4	0.4	5	34	0.1	9	449	2	X	60.6	6	X	45	0	1	5	0.2	1	1	25	5	40	3	52
JTRC282	53	54	202305186	1.2	1034	3	0.1	40	13	X	7	4	2	1	32.2	3	4	0	1	0.24	25	0	0.4	2.0	3	0.1	2	22	0.1	6	88	2	X	58.9	4	X	42	0	1	2	0.0	0	1	19	3	26	2	14
JTRC282	54	55	202305187	0.7	891	3	0.0	39	14	X	5	4	2	1	33.8	2	4	0	1	0.14	23	0	0.3	2.9	4	0.1	2	21	0.1	6	45	3	X	56.1	4	X	40	X	1	1	0.0	0	2	17	3	22	2	9
JTRC282	55	56	202305188	0.7	541	3	0.1	44	10	X	3	4	2	1	30.2	1	5	0	1	0.12	23	0	0.2	2.2	3	0.1	1	26	0.1	7	29	2	X	63.1	5	X	38	X	1	1	0.0	0	2	13	2	21	2	9
JTRC282	56	57	202305189	1.0	664	2	0.1	31	13	X	6	4	3	1	35.1	2	4	0	1	0.21	24	0	0.4	2.9	4	0.2	2	17	0.1	4	34	2	X	55.4	3	X	88	X	1	1	0.0	0	1	14	2	33	2	12
JTRC282	57	58	202305191	0.7	785	2	0.1	33	17	X	4	3	2	1	26.4	2	3	0	1	0.19	17	0	0.4	4.5	3	0.2	1	12	0.1	3	24	1	X	62.1	2	X	164	X	0	1	0.0	0	1	X	2	34	2	9
JTRC282	58	59	202305192	0.9	172	1	0.2	31	16	X	4	2	1	1	35.2	1	2	0	0	0.21	11	0	0.5	1.9	3	0.2	2	10	0.2	2	25	1	X	57.8	2	X	60	X	0	1	0.0	0	0	X	2	15	1	13
JTRC282	59	60	202305193	0.9	110	2	1.5	37	14	X	2	3	2	1	33.9	1	3	0	1	0.22	13	0	0.9	3.6	3	0.2	2	11	0.2	3	14	2	X	54.1	2	X	80	X	0	1	0.0	0	0	X				



Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
JTRC283	30	31	202305253	10.9	5534	5	0.0	167	55	33	20	7	5	2	19.8	15	10	3	2	0.81	74	1	0.7	11.8	14	0.2	11	70	0.1	19	110	2	X	44.4	14	3	107	1	2	14	0.4	1	3	50	10	38	5	98
JTRC283	31	32	202305254	10.7	3206	4	0.0	123	33	29	28	9	4	2	13.8	15	8	3	1	1.04	57	1	1.3	7.3	7	0.2	11	55	0.1	15	178	2	X	56.0	10	3	70	1	1	14	0.4	1	2	31	11	33	4	98
JTRC283	32	33	202305255	13.2	4069	7	0.0	189	56	23	3	9	5	3	14.3	17	10	3	2	0.95	83	1	0.4	13.0	9	0.3	13	81	0.1	22	24	2	X	43.8	16	3	121	1	1	17	0.5	1	3	30	8	35	4	112
JTRC283	33	34	202305256	13.2	3239	9	0.1	358	96	28	1	16	7	6	14.1	20	20	3	3	1.77	129	1	0.3	25.4	4	0.4	13	185	0.1	50	22	2	13	25.8	38	3	359	1	3	17	0.5	1	4	54	7	47	6	109
JTRC283	34	35	202305257	11.9	14670	9	0.0	305	120	X	1	16	7	6	11.3	18	20	3	3	1.39	118	1	0.4	25.1	4	0.4	12	167	0.1	45	16	3	12	29.7	36	2	208	1	3	15	0.4	1	4	51	10	42	6	100
JTRC283	35	36	202305258	19.5	5673	4	0.0	108	21	62	9	7	4	2	10.4	29	10	5	1	3.76	62	1	3.8	2.6	X	0.6	17	71	0.1	18	148	2	16	44.5	13	4	20	2	1	23	0.7	1	2	57	4	34	4	163
JTRC283	36	37	202305259	15.5	7742	2	0.0	99	15	82	31	10	5	3	9.5	21	13	4	2	6.35	116	1	3.1	1.9	X	0.6	13	97	0.1	26	294	2	14	52.5	15	3	50	1	2	18	0.6	1	2	50	4	61	5	126
JTRC283	37	38	comp20231157	16.1	11195	2	0.0	104	13	76	34	12	6	4	9.8	22	17	4	2	6.99	162	1	3.8	0.8	X	0.7	13	135	0.1	39	360	1	13	50.2	22	3	45	1	2	19	0.6	1	2	55	2	71	5	134
JTRC283	38	39	comp20231157	16.1	11195	2	0.0	104	13	76	34	12	6	4	9.8	22	17	4	2	6.99	162	1	3.8	0.8	X	0.7	13	135	0.1	39	360	1	13	50.2	22	3	45	1	2	19	0.6	1	2	55	2	71	5	134
JTRC283	39	40	comp20231158	12.4	22721	3	0.0	81	31	79	12	5	2	1	7.2	16	5	3	1	5.03	40	0	1.4	1.1	5	0.3	11	34	0.0	10	206	2	11	63.1	7	3	37	1	1	13	0.5	0	4	70	3	22	3	121
JTRC283	40	41	comp20231158	12.4	22721	3	0.0	81	31	79	12	5	2	1	7.2	16	5	3	1	5.03	40	0	1.4	1.1	5	0.3	11	34	0.0	10	206	2	11	63.1	7	3	37	1	1	13	0.5	0	4	70	3	22	3	121
JTRC283	41	42	comp20231159	12.3	3750	3	0.0	65	13	74	21	5	3	1	7.7	17	5	4	1	5.12	38	0	2.0	0.6	3	0.3	11	36	0.0	10	307	3	12	64.7	6	3	26	1	1	13	0.6	0	3	76	2	24	3	125
JTRC283	42	43	comp20231159	12.3	3750	3	0.0	65	13	74	21	5	3	1	7.7	17	5	4	1	5.12	38	0	2.0	0.6	3	0.3	11	36	0.0	10	307	3	12	64.7	6	3	26	1	1	13	0.6	0	3	76	2	24	3	125
JTRC283	43	44	comp20231160	13.1	3884	3	0.0	71	18	70	10	5	3	1	8.2	18	5	4	1	5.6	35	0	1.5	0.9	2	0.3	11	31	0.0	9	276	2	13	63.6	6	3	29	1	1	14	0.6	0	3	73	3	24	3	134
JTRC283	44	45	comp20231160	13.1	3884	3	0.0	71	18	70	10	5	3	1	8.2	18	5	4	1	5.6	35	0	1.5	0.9	2	0.3	11	31	0.0	9	276	2	13	63.6	6	3	29	1	1	14	0.6	0	3	73	3	24	3	134
JTRC283	45	46	comp20231161	14.0	1554	2	0.0	75	14	70	9	6	3	2	7.6	18	8	4	1	6.13	59	1	1.8	0.7	X	0.4	12	50	0.0	13	283	2	12	62.6	8	3	34	1	1	15	0.6	1	3	62	2	29	3	137
JTRC283	46	47	comp20231161	14.0	1554	2	0.0	75	14	70	9	6	3	2	7.6	18	8	4	1	6.13	59	1	1.8	0.7	X	0.4	12	50	0.0	13	283	2	12	62.6	8	3	34	1	1	15	0.6	1	3	62	2	29	3	137
JTRC283	47	48	comp20231162	12.3	1711	3	0.0	82	25	77	10	5	3	1	10.6	17	7	4	1	4.86	44	0	2.9	1.3	X	0.3	11	37	0.1	10	305	1	13	62.3	7	3	27	1	1	12	0.7	0	3	68	2	28	3	126
JTRC283	48	49	comp20231162	12.3	1711	3	0.0	82	25	77	10	5	3	1	10.6	17	7	4	1	4.86	44	0	2.9	1.3	X	0.3	11	37	0.1	10	305	1	13	62.3	7	3	27	1	1	12	0.7	0	3	68	2	28	3	126
JTRC283	49	50	202305273	14.1	1939	3	0.1	100	20	62	6	9	6	2	10.4	19	10	4	2	5.47	74	1	2.7	1.4	X	0.4	13	59	0.1	16	266	1	14	57.4	11	4	44	1	2	15	0.7	1	3	57	3	70	5	146
JTRC283	50	51	202305274	11.5	1209	2	0.0	76	14	56	8	6	3	2	8.6	15	8	3	1	4.18	71	0	2.6	0.7	1	0.3	10	54	0.0	15	280	1	11	64.6	9	2	26	1	1	12	0.5	0	2	49	3	32	3	111
JTRC283	51	52	comp20231163	11.9	1040	2	0.1	70	17	69	8	5	2	1	8.7	16	7	3	1	4.36	52	0	2.7	0.6	1	0.3	10	40	0.0	11	296	1	12	65.3	8	3	27	1	1	12	0.6	0	2	63	3	26	3	114
JTRC283	52	53	comp20231163	11.9	1040	2	0.1	70	17	69	8	5	2	1	8.7	16	7	3	1	4.36	52	0	2.7	0.6	1	0.3	10	40	0.0	11	296	1	12	65.3	8	3	27	1	1	12	0.6	0	2	63	3	26	3	114
JTRC283	53	54	comp20231164	14.5	2945	3	0.1	110	17	64	15	6	3	2	9.2	20	8	4	1	5.79	69	1	2.6	1.3	2	0.4	13	60	0.1	17	360	1	13	57.9	11	4	37	1	1	16	0.6	1	3	51	3	36	3	140
JTRC283	54	55	comp20231164	14.5	2945	3	0.1	110	17	64	15	6	3	2	9.2	20	8	4	1	5.79	69	1	2.6	1.3	2	0.4	13	60	0.1	17	360	1	13	57.9	11	4	37	1	1	16	0.6	1	3	51	3	36	3	140
JTRC283	55	56	202305280	9.9	11480	7	0.1	614	190	45	1	13	6	6	9.3	15	16	3	2	2.56	102	1	2.0	30.1	X	0.6	10	149	0.2	41	49	1	11	25.1	35	2	170	1	3	13	0.4	1	11	74	5	39	6	89
JTRC283	56	57	202305281	8.8	3035	7	0.1	353	146	42	1	10	5	4	8.8	13	12	2	2	2.36	82	1	1.9	25.5	1	0.7	9	110	0.1	31	43	1	X	33.4	26	2	375	1	2	11	0.3	1	7	71	6	35	5	71
JTRC283	57	58	202305282	14.2	3534	8	0.1	279	85	45	1	9	5	4	9.0	20	12	3	2	2.85	76	1	5.1	17.9	X	0.8	14	111	0.1	29	63	4	11	32.0	25	3	202	1	2	15	0.5	1	5	64	9	33	5	106
JTRC283	58	59	202305283	13.4	2993	6	0.1	223	56	43	1	7	4	3</																																		

Hole ID	mFrom	mTo	SampleID	Al2O3 %	Ba ppm	Be ppm	CaO %	Ce ppm	Co ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 %	Ga ppm	Gd ppm	Hf ppm	Ho ppm	K2O %	La ppm	Lu ppm	MgO %	MnO ppm	Mo ppm	Na2O %	Nb ppm	Nd ppm	P2O5 %	Pr ppm	Rb ppm	Sb ppm	Sc ppm	SiO2 %	Sm ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 %	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zr ppm	
JTRC284	35	36	202305343	2.1	899	3	0.2	60	14	X	16	3	2	1	20.2	2	3	1	1	0.38	14	0	1.1	2.1	2	0.3	4	19	0.1	5	128	2	X	63.7	4	X	55	0	1	4	0.1	0	1	16	3	18	2	42
JTRC284	36	37	202305344	3.9	855	3	0.1	68	16	X	31	3	2	1	23.5	4	3	2	1	0.38	16	0	1.0	2.4	3	0.2	6	18	0.2	4	103	2	X	59.9	4	X	48	0	1	6	0.1	0	1	16	3	15	2	62
JTRC284	37	38	202305345	3.4	444	3	0.1	81	15	X	21	4	3	1	32.7	4	4	1	1	0.54	20	0	1.3	2.7	4	0.3	4	25	0.2	6	100	3	X	48.1	5	2	44	0	1	5	0.1	0	1	24	4	22	2	47
JTRC284	38	39	202305346	1.9	119	3	0.1	68	11	X	10	5	3	2	34.6	3	6	0	1	0.31	33	0	0.9	1.2	5	0.3	3	29	0.1	9	33	4	X	52.2	7	X	25	0	1	2	0.1	0	1	19	5	25	3	20
JTRC284	39	40	202305347	1.0	41	4	0.2	74	16	X	4	16	11	3	43.7	2	15	0	4	0.16	37	1	0.5	2.0	6	0.2	2	45	0.3	9	12	3	X	46.0	10	X	56	0	2	1	0.0	1	0	12	3	122	9	11
JTRC284	40	41	202305348	1.2	42	2	0.7	43	13	X	5	3	2	1	37.6	2	4	0	1	0.17	14	0	0.5	1.4	5	0.2	2	14	0.7	3	22	4	X	53.3	3	X	36	0	1	1	0.1	0	0	14	3	24	2	14
JTRC284	41	42	202305349	1.2	64	2	0.5	37	11	X	6	6	4	1	31.5	1	6	0	2	0.22	16	1	0.5	1.3	7	0.2	2	17	0.5	4	18	4	X	58.6	4	X	36	0	1	1	0.1	0	0	X	3	47	3	15
JTRC284	42	43	comp20231176	1.6	100	2	0.1	50	13	X	4	8	6	1	38.4	2	8	1	2	0.29	27	1	0.6	2.2	10	0.2	2	22	0.3	5	20	2	X	50.0	4	X	36	0	1	2	0.1	1	1	13	3	87	4	18
JTRC284	43	44	comp20231176	1.6	100	2	0.1	50	13	X	4	8	6	1	38.4	2	8	1	2	0.29	27	1	0.6	2.2	10	0.2	2	22	0.3	5	20	2	X	50.0	4	X	36	0	1	2	0.1	1	1	13	3	87	4	18
JTRC284	44	45	comp20231177	8.6	133	6	0.2	132	36	30	19	13	9	2	37.3	12	13	2	3	0.72	56	1	2.7	1.4	5	0.6	9	45	0.4	11	93	3	X	34.7	8	2	21	1	2	11	0.3	1	2	52	3	128	7	84
JTRC284	45	46	comp20231177	8.6	133	6	0.2	132	36	30	19	13	9	2	37.3	12	13	2	3	0.72	56	1	2.7	1.4	5	0.6	9	45	0.4	11	93	3	X	34.7	8	2	21	1	2	11	0.3	1	2	52	3	128	7	84
JTRC284	46	47	comp20231178	9.5	158	5	0.2	132	40	35	14	15	11	2	27.8	11	15	3	4	0.76	63	1	2.8	2.1	3	0.5	10	52	0.4	13	91	2	X	43.6	10	1	28	1	2	13	0.4	1	2	48	2	142	9	90
JTRC284	47	48	comp20231178	9.5	158	5	0.2	132	40	35	14	15	11	2	27.8	11	15	3	4	0.76	63	1	2.8	2.1	3	0.5	10	52	0.4	13	91	2	X	43.6	10	1	28	1	2	13	0.4	1	2	48	2	142	9	90
JTRC284	48	49	comp20231179	3.4	252	5	0.1	66	14	X	12	6	4	1	33.2	4	7	1	1	0.38	32	1	1.2	1.5	7	0.3	4	26	0.3	7	36	5	X	50.1	5	1	18	0	1	4	0.1	1	1	30	4	34	3	35
JTRC284	49	50	comp20231179	3.4	252	5	0.1	66	14	X	12	6	4	1	33.2	4	7	1	1	0.38	32	1	1.2	1.5	7	0.3	4	26	0.3	7	36	5	X	50.1	5	1	18	0	1	4	0.1	1	1	30	4	34	3	35
JTRC284	50	51	comp20231180	5.7	73	4	0.1	84	8	21	8	9	5	2	24.4	7	10	2	2	0.52	50	1	1.3	0.3	3	0.2	6	40	0.3	10	64	3	X	58.8	8	X	7	1	1	8	0.2	1	1	34	3	59	5	61
JTRC284	51	52	comp20231180	5.7	73	4	0.1	84	8	21	8	9	5	2	24.4	7	10	2	2	0.52	50	1	1.3	0.3	3	0.2	6	40	0.3	10	64	3	X	58.8	8	X	7	1	1	8	0.2	1	1	34	3	59	5	61
JTRC284	52	53	202305361	3.6	48	5	0.1	57	9	X	4	7	5	2	39.3	5	8	1	2	0.34	38	1	0.9	0.4	6	0.2	4	29	0.3	8	31	4	X	47.3	6	1	7	0	1	4	0.1	1	1	38	5	53	4	39
JTRC284	53	54	202305362	2.4	200	3	0.1	59	12	X	7	6	3	1	20.6	3	6	1	1	0.27	27	1	1.2	1.9	5	0.2	3	26	0.2	6	25	2	X	67.5	5	X	29	0	1	3	0.1	1	1	21	2	33	3	28
JTRC284	54	55	202305363	6.7	447	4	0.2	127	21	X	6	10	6	2	22.7	10	12	1	2	0.35	67	1	1.9	5.3	6	0.5	6	56	0.2	15	22	4	X	47.4	10	1	28	1	2	8	0.2	1	1	32	11	54	4	59
JTRC284	55	56	comp20231181	9.5	328	4	0.1	75	11	33	4	7	4	1	24.5	11	7	2	1	0.66	46	1	2.3	1.1	2	0.5	9	33	0.2	9	39	1	X	48.8	6	2	16	1	1	11	0.3	1	1	36	3	39	4	83
JTRC284	56	57	comp20231181	9.5	328	4	0.1	75	11	33	4	7	4	1	24.5	11	7	2	1	0.66	46	1	2.3	1.1	2	0.5	9	33	0.2	9	39	1	X	48.8	6	2	16	1	1	11	0.3	1	1	36	3	39	4	83
JTRC284	57	58	comp20231182	6.8	398	3	0.1	56	9	X	8	7	5	1	18.1	9	7	2	2	1.34	36	1	2.3	1.1	2	0.3	8	27	0.1	8	91	1	X	62.8	6	3	20	1	1	10	0.2	1	1	25	4	52	4	70
JTRC284	58	59	comp20231182	6.8	398	3	0.1	56	9	X	8	7	5	1	18.1	9	7	2	2	1.34	36	1	2.3	1.1	2	0.3	8	27	0.1	8	91	1	X	62.8	6	3	20	1	1	10	0.2	1	1	25	4	52	4	70
JTRC284	59	60	202305368	7.4	417	3	0.2	73	16	28	6	10	6	2	24.3	9	10	2	2	1.05	56	1	3.1	1.8	2	0.5	7	39	0.2	10	91	1	X	51.2	7	X	25	1	1	9	0.2	1	1	58	2	78	5	66
JTRC285	0	1	202305369	4.5	551	1	1.2	36	7	32	2	2	1	0	11.1	6	2	4	0	0.51	16	0	0.6	0.8	2	0.1	4	12	0.0	3	24	1	X	76.2	2	X	58	0	0	7	0.2	0	1	53	2	11	1	178
JTRC285	1	2	comp20231184	4.5	663	1	1.2	44	9	35	1	3	1	1	13.5	7	3	4	1	0.47	21	0	3.1	0.7	1	0.2	4	17	0.1	4	20	1	X	50.2	3	X	374	0	0	8	0.2	0	1	72	1	13	1	136
JTRC285	2	3	comp20231184	4.5	663	1	1.2	44	9	35	1	3	1	1	13.5	7	3	4	1	0.47	21	0	3.1	0.7	1	0.2	4	17	0.1	4	20	1	X	50.2	3	X	374	0	0	8	0.2	0	1	72	1	13	1	136
JTRC285	3	4	202305373	11.1	1181	2	0.2	39	3	52	1	2	1	0	17.5	12	2	3	0	0.54	16	0	0.3	0.1	X	0.2	10	10	0.1	3	20	2	X	62.2	2	2	89	1	0	13	0.4	0	2	70	3	11	2	110
JTRC285	4	5	202305374	8.7	1474	3	0.1	116	1	54	0	2	1	1	16.3	9	3	2	0	0.34	50	0	0.1	0.1	X	0.2	7	30	0.2	10	12	1	X	68.2	5	2	82	1	0	10	0.3	0	3	47	3	10	1	72
JTRC285	5	6	comp20231185	11.7	1392	4	0.3	91	4	93	2	3	2	1	18.9	15	3	4	1	0.68	41	0	0.4	0.7	2	0.2	11	25	0.2	8	35	2	10	58.7	4	3	54	1	1	15	0.4	0	3	61	3	18	2	122
JTRC285	6	7	comp20231185	11.7	1392	4	0.3	91	4	93	2	3	2	1	18.9	15	3	4	1	0.68	41	0	0.4	0.7	2	0.2	11	25	0.2	8	35	2	10	58.7	4	3	54	1	1	15	0.4	0	3	61	3	18	2	122
JTRC285	7	8	202305378	12.8	3284	2	0.0	73	4	70	1	2	1	0	25.2	15	2	3	0	0.69	45	X	0.1	0.1	X	0.1	11	18	0.1	7	25	2	11	54.0	2	3	28	1	0	14	0.4	X	2	78	7	8	1	104
JTRC285	8	9	comp20231186	13.4	2238	2	0.3	16	2	53	1	1	1	0	19.8	16	1	3	0	0.53	11	0	0.2	0.1	X	0.1	11	5	0.1	2	26	2	12	58.0	1	3	18	1	0	14	0.5	0	1	38	6	8	1	106
JTRC285	9	10	comp20231186	13.4																																												





Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr
				%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC287	9	10	202305523	20.2	168	1	0.0	35	1	87	1	1	1	0	10.4	26	1	7	0	1.03	9	0	0.1	0.1	X	0.1	21	2	0.1	1	49	1	36	56.5	1	6	15	2	0	19	1.0	0	5	96	2	7	2	216
JTRC287	10	11	202305524	18.0	140	1	0.0	22	1	63	1	1	1	0	10.1	23	0	6	0	0.88	6	0	0.1	0.1	X	0.1	14	1	0.1	1	41	1	23	60.2	0	4	9	2	X	15	0.9	0	4	79	2	4	1	182
JTRC287	11	12	comp20231120	19.0	285	1	0.0	7	1	109	1	1	1	0	10.2	26	1	6	0	1	18	0	0.1	0.0	X	0.2	18	3	0.0	1	53	1	17	61.1	1	5	7	2	0	18	1.0	0	4	98	3	7	1	206
JTRC287	12	13	comp20231220	19.0	285	1	0.0	7	1	109	1	1	1	0	10.2	26	1	6	0	1	18	0	0.1	0.0	X	0.2	18	3	0.0	1	53	1	17	61.1	1	5	7	2	0	18	1.0	0	4	98	3	7	1	206
JTRC287	13	14	comp20231221	18.0	3337	1	0.0	9	1	90	1	1	1	0	11.5	21	1	5	0	1.06	4	0	0.1	0.1	X	0.2	15	2	0.1	1	52	2	19	59.6	0	4	8	2	0	18	0.8	0	4	103	3	4	1	178
JTRC287	14	15	comp20231221	18.0	3337	1	0.0	9	1	90	1	1	1	0	11.5	21	1	5	0	1.06	4	0	0.1	0.1	X	0.2	15	2	0.1	1	52	2	19	59.6	0	4	8	2	0	18	0.8	0	4	103	3	4	1	178
JTRC287	15	16	comp20231222	15.9	9162	1	0.0	12	2	81	1	1	1	X	9.3	20	0	5	0	1.15	4	0	0.1	0.1	X	0.1	14	1	0.1	0	58	2	19	56.0	0	3	10	1	X	16	0.7	X	3	89	3	4	1	154
JTRC287	16	17	comp20231222	15.9	9162	1	0.0	12	2	81	1	1	1	X	9.3	20	0	5	0	1.15	4	0	0.1	0.1	X	0.1	14	1	0.1	0	58	2	19	56.0	0	3	10	1	X	16	0.7	X	3	89	3	4	1	154
JTRC287	17	18	comp20231223	18.3	2857	2	0.0	15	1	84	1	1	1	0	11.9	23	1	5	0	1.6	7	0	0.2	0.1	X	0.2	15	2	0.1	1	83	2	18	59.7	0	4	16	2	0	17	0.9	0	4	101	3	6	1	174
JTRC287	18	19	comp20231223	18.3	2857	2	0.0	15	1	84	1	1	1	0	11.9	23	1	5	0	1.6	7	0	0.2	0.1	X	0.2	15	2	0.1	1	83	2	18	59.7	1	4	16	2	0	17	0.9	0	4	101	3	6	1	174
JTRC287	19	20	comp20231224	18.0	11946	2	0.0	13	2	91	1	1	1	0	10.5	25	1	6	0	1.54	3	0	0.2	0.1	X	0.1	16	1	0.1	1	85	2	18	58.9	0	4	16	2	0	17	0.9	0	3	104	3	5	1	179
JTRC287	20	21	comp20231224	18.0	11946	2	0.0	13	2	91	1	1	1	0	10.5	25	1	6	0	1.54	3	0	0.2	0.1	X	0.1	16	1	0.1	1	85	2	18	58.9	0	4	16	2	0	17	0.9	0	3	104	3	5	1	179
JTRC287	21	22	comp20231225	16.9	3245	2	0.0	58	2	73	1	3	1	1	9.4	19	4	4	1	1.09	154	0	0.1	0.2	X	0.1	13	28	0.1	13	46	1	50	62.2	4	3	31	1	1	17	0.6	0	3	89	5	11	1	130
JTRC287	22	23	comp20231225	16.9	3245	2	0.0	58	2	73	1	3	1	1	9.4	19	4	4	1	1.09	154	0	0.1	0.2	X	0.1	13	28	0.1	13	46	1	50	62.2	4	3	31	1	1	17	0.6	0	3	89	5	11	1	130
JTRC287	23	24	comp20231226	9.5	3893	2	0.0	163	7	113	0	2	1	0	25.8	11	1	3	0	0.18	16	0	0.1	1.1	3	0.1	9	6	0.2	2	7	3	22	55.0	1	2	24	1	0	12	0.4	0	3	96	4	6	1	87
JTRC287	24	25	comp20231226	9.5	3893	2	0.0	163	7	113	0	2	1	0	25.8	11	1	3	0	0.18	16	0	0.1	1.1	3	0.1	9	6	0.2	2	7	3	22	55.0	1	2	24	1	0	12	0.4	0	3	96	4	6	1	87
JTRC287	25	26	202305541	11.4	3918	3	0.0	453	19	58	0	2	1	1	26.7	12	2	3	0	0.26	28	0	0.1	3.5	3	0.2	11	14	0.2	4	7	2	24	47.6	3	2	23	1	0	13	0.4	0	3	82	5	10	2	96
JTRC287	26	27	202305542	10.5	4113	2	0.0	291	22	102	0	3	1	1	25.8	10	3	2	0	0.34	49	0	0.1	2.5	4	0.1	8	19	0.3	6	3	2	74	49.9	3	2	34	1	0	10	0.3	0	3	78	4	11	2	79
JTRC287	27	28	202305543	11.1	3305	3	0.3	86	3	82	0	2	1	0	20.2	14	2	3	0	0.44	13	0	0.1	0.3	1	0.1	10	4	0.2	2	15	3	20	59.5	2	2	17	1	0	14	0.4	0	4	73	3	10	1	93
JTRC287	28	29	202305544	13.6	7163	3	0.0	63	11	84	0	2	2	0	23.8	19	2	4	1	0.57	8	0	0.1	0.6	1	0.1	14	5	0.3	1	19	2	21	50.1	1	3	23	1	0	18	0.5	0	5	101	3	14	2	122
JTRC287	29	30	202305545	16.1	879	1	0.0	59	4	74	0	2	2	0	16.0	21	1	4	1	0.84	3	0	0.1	0.2	X	0.1	15	2	0.1	1	28	1	15	59.5	1	4	8	1	0	20	0.6	0	4	77	4	14	2	142
JTRC287	30	31	202305546	10.7	2952	5	0.0	602	36	59	X	6	3	2	29.6	11	8	3	1	0.11	209	0	0.0	1.7	1	0.1	9	88	0.7	31	2	2	33	47.8	12	X	150	1	1	11	0.3	0	10	55	2	22	3	86
JTRC287	31	32	202305547	6.6	7988	6	0.0	446	88	28	X	6	3	2	31.6	6	7	1	1	0.17	92	0	0.0	5.5	X	0.1	5	66	0.7	20	3	2	15	46.7	11	X	83	0	1	5	0.2	0	10	29	1	20	3	43
JTRC287	32	33	202305548	6.4	4857	7	0.0	394	62	25	X	6	3	2	45.4	5	8	1	1	0.14	111	1	0.0	3.9	X	0.1	5	72	0.7	23	2	3	X	34.5	11	X	114	0	1	6	0.2	0	10	31	1	27	3	45
JTRC287	33	34	202305549	8.6	2359	9	0.0	213	32	43	X	4	2	1	43.1	9	4	2	1	0.17	46	0	0.0	2.0	1	0.1	6	38	0.8	11	5	2	X	35.1	6	1	40	1	1	8	0.3	0	11	45	2	19	2	61
JTRC287	34	35	comp20231227	9.2	1236	5	0.0	512	27	41	0	5	2	2	37.9	10	7	2	1	0.13	64	0	0.0	1.2	X	0.1	8	66	0.7	18	4	2	X	43.3	12	2	111	1	1	10	0.3	0	10	45	2	18	2	73
JTRC287	35	36	comp20231227	9.2	1236	5	0.0	512	27	41	0	5	2	2	37.9	10	7	2	1	0.13	64	0	0.0	1.2	X	0.1	8	66	0.7	18	4	2	X	43.3	12	2	111	1	1	10	0.3	0	10	45	2	18	2	73
JTRC287	36	37	comp20231228	9.6	3767	5	0.0	550	72	35	0	8	4	3	28.6	10	11	2	1	0.22	77	0	0.0	3.6	1	0.1	9	91	0.7	23	5	1	X	47.8	16	2	146	1	1	12	0.3	1	8	51	2	23	3	89
JTRC287	37	38	comp20231228	9.6	3767	5	0.0	550	72	35	0	8	4	3	28.6	10	11	2	1	0.22	77	0	0.0	3.6	1	0.1	9	91	0.7	23	5	1	X	47.8	16	2	146	1	1	12	0.3	1	8	51	2	23	3	89
JTRC287	38	39	comp20231229	9.0	1441	7	0.0	204	14	33	0	10	4	4	34.5	10	15	2	2	0.12	55	1	0.1	0.6	1	0.1	7	87	0.7	18	5	1	X	47.8	19	2	117	1	2	9	0.3	1	6	48	4	29	4	73
JTRC287	39	40	comp20231229	9.0	1441	7	0.0	204	14	33	0	10	4	4	34.5	10	15	2	2	0.12	55	1	0.1	0.6	1	0.1	7	87	0.7	18	5	1	X	47.8	19	2	117	1	2	9	0.3	1	6	48	4	29	4	73
JTRC287	40	41	comp20231230	6.8	2118	7	0.0	209	46	21	2	14	6	4	35.0	6	19	1	2	0.12	83	1	0.1	1.7	X	0.1	4	115	0.7	25	9	2	X	48.0	22	X	213	0	3	5	0.2	1	5	42	2	52	6	40
JTRC287	41	42	comp20231230	6.8	2118	7	0.0	209	46	21	2	14	6	4	35.0	6	19	1	2	0.12	83	1	0.1	1.7	X	0.1	4	115	0.7	25	9	2	X	48.0	22	X	213	0	3	5	0.2	1	5	42	2	52	6	40
JTRC287	4																																															

Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr	
%	ppm	%	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC288	32	33	202305613	8.3	4132	6	0.1	115	59	X	1	5	3	2	18.4	11	6	2	1	0.25	41	1	0.1	3.5	1	0.1	16	47	0.3	13	6	2	X	62.1	8	2	17	1	1	31	0.3	1	4	32	25	21	4	80	
JTRC288	33	34	202305614	9.0	3543	5	0.1	163	83	X	0	6	3	2	19.6	11	6	3	1	0.42	43	1	0.1	3.9	2	0.1	15	50	0.3	14	14	2	X	59.3	9	2	18	1	1	17	0.3	1	4	41	26	20	3	83	
JTRC288	34	35	202305615	5.3	3983	6	0.1	161	106	X	0	5	3	2	27.3	8	5	1	1	0.29	39	0	0.1	5.3	1	0.1	10	43	0.2	12	4	3	X	56.7	8	X	23	0	1	17	0.2	1	4	30	30	18	3	45	
JTRC288	35	36	202305616	9.8	1361	5	0.1	65	44	24	0	3	2	1	21.5	12	4	3	1	0.27	27	0	0.1	1.8	2	0.1	14	31	0.3	9	8	2	X	59.3	5	2	13	1	1	15	0.3	0	5	36	11	14	2	80	
JTRC288	36	37	202305617	8.6	750	4	0.1	61	41	30	0	3	2	1	18.6	11	3	3	1	0.44	36	0	0.1	1.6	1	0.1	10	38	0.2	10	17	1	X	64.4	6	2	19	1	1	13	0.4	0	3	39	9	11	2	80	
JTRC288	37	38	202305618	10.8	1009	4	0.1	113	42	22	0	4	3	1	24.5	15	6	3	1	0.43	48	0	0.1	2.7	2	0.2	11	44	0.3	12	13	2	X	53.4	7	2	33	1	1	14	0.4	0	3	49	4	15	3	93	
JTRC288	38	39	202305619	10.2	2254	5	0.1	174	67	20	0	6	3	2	19.4	14	7	2	1	0.6	44	1	0.1	4.6	4	0.2	11	46	0.2	12	21	2	X	57.0	8	2	30	1	1	13	0.4	0	1	4	41	8	19	4	90
JTRC288	39	40	202305621	5.4	440	1	0.0	80	20	21	0	4	2	1	21.2	6	6	2	1	0.45	38	0	0.1	1.1	1	0.1	5	42	0.1	10	19	1	X	68.2	7	X	33	0	1	7	0.2	0	1	68	5	13	2	46	
JTRC288	40	41	202305622	11.0	544	4	0.0	141	26	33	1	8	4	3	24.0	15	13	3	2	1.08	101	0	0.2	1.8	1	0.1	12	104	0.2	25	48	2	X	56.7	15	2	99	1	2	15	0.4	1	2	86	6	35	4	108	
JTRC288	41	42	202305623	10.8	1629	4	0.0	130	35	30	1	9	5	2	22.8	14	11	3	2	0.99	90	1	0.2	2.7	2	0.1	12	98	0.2	23	42	2	X	58.9	14	3	88	1	1	15	0.4	1	3	50	5	37	4	104	
JTRC288	42	43	202305626	4.7	675	2	0.0	96	23	X	0	5	3	1	30.4	6	6	2	1	0.42	54	0	0.1	1.7	2	0.1	6	60	0.1	15	15	3	X	59.9	8	X	44	0	1	6	0.2	0	1	51	5	23	3	57	
JTRC288	43	44	202305627	8.4	1032	3	0.0	155	31	X	0	7	3	2	36.5	10	9	3	1	0.75	75	1	0.1	2.7	2	0.1	10	101	0.1	26	30	5	X	47.1	13	1	73	1	1	11	0.3	1	2	58	4	30	4	92	
JTRC288	44	45	202305628	8.2	2897	3	0.0	147	44	X	0	8	5	3	25.9	9	12	2	2	0.64	148	1	0.1	3.8	3	0.1	9	172	0.2	50	22	3	X	55.5	22	2	122	1	2	11	0.3	1	3	43	6	32	4	79	
JTRC288	45	46	202305629	12.0	966	3	0.0	170	31	34	1	9	5	4	20.4	15	14	3	2	1.17	224	1	0.2	2.6	2	0.1	13	117	0.2	68	50	2	X	56.8	25	2	151	1	2	17	0.5	1	3	54	6	38	5	116	
JTRC288	46	47	202305630	7.3	2529	5	0.0	152	53	85	0	13	7	3	29.9	10	15	2	3	0.27	86	1	0.1	4.7	4	0.1	7	100	0.3	25	4	1	X	51.0	17	1	30	1	2	8	0.2	1	5	43	6	57	7	58	
JTRC288	47	48	202305631	5.0	2225	6	0.0	171	78	103	0	27	14	8	32.8	7	36	1	5	0.27	254	2	0.1	4.4	4	0.1	5	258	0.4	67	7	2	X	52.1	42	X	101	0	5	6	0.2	2	7	45	4	160	12	43	
JTRC288	48	49	202305632	4.9	947	6	0.0	90	38	108	3	21	10	7	30.4	6	30	2	4	0.35	144	1	0.1	1.8	5	0.1	6	183	0.4	41	20	1	X	57.0	32	X	113	0	4	6	0.2	1	5	36	3	110	8	53	
JTRC288	49	50	202305633	5.8	1272	8	0.1	178	46	68	71	33	18	8	35.3	8	44	2	6	0.57	135	2	0.2	2.6	3	0.1	6	191	0.5	41	156	1	X	49.2	39	1	110	1	6	7	0.2	2	7	48	3	174	15	60	
JTRC288	50	51	202305634	5.0	1861	7	0.1	190	80	62	27	22	13	5	29.2	6	25	1	5	0.48	61	2	0.2	3.9	5	0.1	5	99	0.4	21	82	1	X	56.3	23	X	53	0	4	5	0.2	2	6	34	3	135	13	43	
JTRC288	51	52	202305635	4.2	644	6	0.0	89	32	83	28	22	15	4	28.5	5	24	1	5	0.46	60	2	0.2	1.1	3	0.1	4	76	0.3	15	81	1	X	62.2	15	X	68	0	4	5	0.1	2	4	34	3	187	11	36	
JTRC288	52	53	202305636	3.7	568	6	0.0	76	29	72	3	10	5	2	33.5	5	12	1	2	0.27	35	1	0.1	1.2	5	0.1	4	50	0.3	10	14	1	X	59.3	11	X	67	0	2	4	0.1	1	4	32	3	50	4	36	
JTRC288	53	54	202305637	6.6	1187	7	0.0	143	45	50	20	15	10	3	32.3	9	16	2	3	0.51	53	1	0.2	2.5	4	0.1	6	62	0.4	14	54	1	X	52.9	14	1	50	1	2	8	0.2	1	5	41	4	121	8	54	
JTRC288	54	55	202305638	7.9	1711	5	0.0	125	35	23	3	13	9	3	21.2	10	13	2	3	0.49	46	1	0.1	2.3	3	0.1	8	53	0.2	13	25	2	X	62.3	11	2	34	1	2	10	0.3	1	4	40	6	123	8	71	
JTRC288	55	56	202305624	10.9	2636	4	0.0	116	34	27	1	14	10	3	21.8	13	13	3	3	0.88	37	1	0.1	3.1	2	0.1	12	60	0.2	13	37	3	X	56.1	14	2	42	1	2	14	0.4	1	3	51	5	125	9	97	
JTRC288	56	57	202305639	8.4	5067	4	0.0	136	47	X	1	12	8	3	22.7	10	11	2	3	0.64	31	1	0.1	4.8	2	0.1	8	48	0.1	11	23	4	X	57.6	13	2	25	1	2	11	0.3	1	3	34	4	85	7	81	
JTRC288	57	58	202305641	13.8	7502	5	0.0	140	67	24	1	19	9	5	19.2	19	22	4	3	0.52	85	1	0.2	5.3	2	0.2	14	108	0.2	26	21	3	12	52.1	25	3	27	1	3	18	0.5	1	4	57	6	80	9	128	
JTRC288	58	59	202305642	16.0	7029	5	0.0	144	67	X	1	13	7	4	12.9	23	15	5	2	0.55	39	1	0.2	5.0	2	0.2	16	77	0.2	17	23	3	14	55.0	18	4	15	1	2	21	0.6	1	4	42	6	51	7	156	
JTRC288	59	60	202305643	14.0	4064	8	0.0	149	70	X	1	15	7	4	20.5	19	18	4	3	0.62	53	1	0.2	4.2	2	0.2	14	106	0.3	24	28	2	11	50.3	21	3	13	1	3	19	0.6	1	3	47	5	51	7	138	
JTRC288	60	61	202305644	12.4	4510	6	0.0	122	59	X	0	14	7	4	17.2	17	17	4	2	0.56	51	1	0.2	3.9	2	0.2	13	85	0.2	20	26	2	X	57.1	18	3	12	1	2	16	0.5	1	3	40	6	51	6	119	
JTRC288	61	62	202305645	8.9	4018	6	0.0	126	58	X	9	41	30	6	27.6	13	38	3	10	0.46	82	4	0.3	3.7	2	0.2	10	130	0.3	29	40	3	X	52.3	29	2	11	1	6	12	0.3	4	3	63	5	477	25	94	
JTRC288	62	63	202305646	13.2	1082	5	0.1	90	26	46	56	19	11	4	24.8	16	22	4	4	3.15	90	1	2.3	1.0	X	0.3	14	102	0.2	25	344	2	11	49.5	20	3	16	1	3	18	0.5	2	2	67	4	142	9	122	
JTRC288	63	64	202305647	5.6	1251	3	0.0	74	21	28	21	20	13	3	17.5	9	20	2	5	1.38	62	2	1.0	1.1	2	0.1	6	64	0.1	15	166	1	X	70.0	13	X	11	1	3	8	0.2	2	2	38	4	198	10	52	
JTRC288	64	65	202305648	7.7	705	3	0.1	58	15	37	24	6	4	1	27.6	12	7	2	1	2.14	36	1	1.4	0.5	1	0.1	8	33	0.1	9	351	1	X	58.1	7	1	15	1	1	10	0.3	1	2	40	4	43	3	76	
JTRC288</																																																	



Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr	
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC289	43	44	comp20231263	16.7	1646	2	0.0	177	32	139	1	1	1	0	9.7	23	1	5	0	1.16	5	0	0.1	1.3	X	0.1	14	6	0.0	2	58	1	23	63.4	1	4	11	1	0	16	0.7	0	4	89	2	6	2	162	
JTRC289	44	45	comp20231264	19.9	2376	3	0.0	332	50	165	2	2	2	1	14.0	26	2	6	0	1.41	11	0	0.2	2.1	X	0.1	16	9	0.1	3	79	2	32	52.1	2	4	14	2	0	17	1.1	0	7	113	3	9	2	196	
JTRC289	45	46	comp20231265	19.9	2376	3	0.0	332	50	165	2	2	2	1	14.0	26	2	6	0	1.41	11	0	0.2	2.1	X	0.1	16	9	0.1	3	79	2	32	52.1	2	4	14	2	0	17	1.1	0	7	113	3	9	2	196	
JTRC289	46	47	comp20231266	17.5	2585	3	0.0	735	74	95	20	6	3	3	11.8	23	8	5	1	1.81	87	1	0.6	2.6	X	0.1	14	106	0.1	32	246	1	42	56.0	17	4	15	1	1	15	0.9	0	8	90	3	17	3	163	
JTRC289	47	48	comp20231265	17.5	2585	3	0.0	735	74	95	20	6	3	3	11.8	23	8	5	1	1.81	87	1	0.6	2.6	X	0.1	14	106	0.1	32	246	1	42	56.0	17	4	15	1	1	15	0.9	0	8	90	3	17	3	163	
JTRC289	48	49	comp20231266	17.5	1152	3	0.0	803	59	96	27	5	3	2	11.8	23	6	5	1	3.23	57	1	1.2	1.9	X	0.2	15	69	0.1	21	359	1	50	57.3	13	5	22	2	1	15	0.9	0	7	94	2	15	4	173	
JTRC289	49	50	comp20231266	17.5	1152	3	0.0	803	59	96	27	5	3	2	11.8	23	6	5	1	3.23	57	1	1.2	1.9	X	0.2	15	69	0.1	21	359	1	50	57.3	13	5	22	2	1	15	0.9	0	7	94	2	15	4	173	
JTRC289	50	51	comp20231267	18.7	2422	3	0.0	999	121	102	24	7	3	3	10.6	26	8	6	1	2.69	83	1	0.8	3.9	X	0.2	16	91	0.1	29	309	1	46	54.5	16	4	22	2	1	17	1.0	1	10	110	3	20	4	188	
JTRC289	51	52	comp20231267	18.7	2422	3	0.0	999	121	102	24	7	3	3	10.6	26	8	6	1	2.69	83	1	0.8	3.9	X	0.2	16	91	0.1	29	309	1	46	54.5	16	4	22	2	1	17	1.0	1	10	110	3	20	4	188	
JTRC289	52	53	comp20231268	14.1	3573	3	0.0	653	108	84	2	3	2	1	9.7	19	3	4	1	1.21	27	0	0.1	3.7	2	0.1	12	24	0.1	7	62	1	28	63.3	5	3	15	1	1	13	0.7	0	9	93	3	10	2	131	
JTRC289	53	54	comp20231268	14.1	3573	3	0.0	653	108	84	2	3	2	1	9.7	19	3	4	1	1.21	27	0	0.1	3.7	2	0.1	12	24	0.1	7	62	1	28	63.3	5	3	15	1	1	13	0.7	0	9	93	3	10	2	131	
JTRC289	54	55	comp20231269	13.6	3286	3	0.0	213	109	50	1	6	3	3	8.8	18	8	4	1	0.91	59	0	0.1	3.6	9	0.1	12	95	0.1	27	44	1	28	65.5	19	3	13	1	1	15	0.6	0	8	100	4	11	3	127	
JTRC289	55	56	comp20231269	13.6	3286	3	0.0	213	109	50	1	6	3	3	8.8	18	8	4	1	0.91	59	0	0.1	3.6	9	0.1	12	95	0.1	27	44	1	28	65.5	19	3	13	1	1	15	0.6	0	8	100	4	11	3	127	
JTRC289	56	57	202305717	17.2	8365	5	0.2	264	174	32	1	7	3	3	12.2	23	8	5	1	0.53	61	1	0.1	7.5	10	0.2	16	80	0.1	22	20	1	29	48.3	17	4	10	1	1	21	0.7	1	9	89	6	16	4	149	
JTRC289	57	58	202305718	6.9	11351	6	0.0	457	276	149	0	6	3	2	25.9	11	7	2	1	0.26	64	1	0.0	9.0	4	0.1	6	66	0.3	20	9	1	23	48.3	14	1	11	1	1	8	0.2	1	9	58	2	16	4	59	
JTRC289	58	59	202305719	9.8	6112	5	0.0	233	118	110	1	4	2	2	24.7	13	5	3	1	0.33	49	0	0.1	4.9	4	0.1	10	47	0.2	14	15	1	13	52.3	9	2	8	1	1	13	0.4	0	8	70	4	12	2	90	
JTRC289	59	60	202305721	15.9	4188	3	0.0	158	58	21	0	3	1	1	14.0	23	4	4	1	0.15	34	0	0.1	3.4	5	0.1	15	29	0.1	9	5	1	13	57.0	6	3	8	1	1	19	0.6	0	6	77	4	8	2	137	
JTRC289	60	61	202305722	7.5	6879	4	0.0	161	148	110	1	6	3	3	24.3	11	9	2	1	0.15	97	1	0.1	4.8	7	0.1	7	80	0.3	24	6	2	X	55.6	14	1	14	1	1	7	0.3	1	7	59	4	18	4	74	
JTRC289	61	62	202305723	7.1	11336	6	0.0	265	208	115	0	9	4	3	31.3	8	10	2	2	0.13	157	1	0.0	7.8	11	0.1	6	93	0.5	30	3	2	X	43.0	17	1	22	1	2	7	0.2	1	12	65	3	23	5	49	
JTRC289	62	63	202305724	10.5	14626	5	0.0	367	186	X	0	17	6	9	16.6	14	27	2	2	0.15	250	1	0.0	10.0	13	0.1	9	324	0.3	94	3	1	X	51.5	55	2	18	1	3	12	0.3	1	13	54	5	36	6	81	
JTRC289	63	64	202305726	11.3	10523	6	0.0	458	182	X	0	12	5	6	21.2	13	18	3	2	0.29	122	1	0.1	8.5	18	0.1	10	184	0.4	51	8	1	X	46.2	37	3	18	1	2	13	0.4	1	15	59	6	25	5	101	
JTRC289	64	65	202305727	4.5	3011	5	0.0	133	50	35	1	28	9	15	27.3	8	51	1	4	0.11	498	1	0.1	2.1	3	0.1	6	515	0.4	144	7	3	X	59.0	81	X	8	0	6	7	0.2	1	12	59	4	68	7	51	
JTRC289	65	66	202305728	17.2	3996	5	0.0	166	46	43	1	17	7	7	17.9	22	27	4	3	0.75	223	1	0.2	2.4	3	0.1	16	230	0.3	63	32	2	13	50.4	37	4	12	1	3	21	0.6	1	10	65	5	47	6	147	
JTRC289	66	67	comp20231270	11.5	1182	7	0.0	89	13	62	11	12	6	4	21.5	15	17	3	2	1.03	169	1	0.6	0.4	2	0.1	10	153	0.4	42	121	1	10	56.5	23	2	10	1	2	15	0.4	1	12	86	3	49	6	109	
JTRC289	67	68	comp20231270	11.5	1182	7	0.0	89	13	62	11	12	6	4	21.5	15	17	3	2	1.03	169	1	0.6	0.4	2	0.1	10	153	0.4	42	121	1	10	56.5	23	2	10	1	2	15	0.4	1	12	86	3	49	6	109	
JTRC289	68	69	comp20231271	12.4	1712	6	0.0	154	23	59	36	21	11	6	17.7	18	29	3	4	2.51	316	1	1.6	0.7	2	0.1	12	205	0.3	59	468	2	10	58.3	34	3	36	1	4	16	0.5	1	9	79	4	118	9	112	
JTRC289	69	70	comp20231271	12.4	1712	6	0.0	154	23	59	36	21	11	6	17.7	18	29	3	4	2.51	316	1	1.6	0.7	2	0.1	12	205	0.3	59	468	2	10	58.3	34	3	36	1	4	16	0.5	1	9	79	4	118	9	112	
JTRC289	70	71	comp20231272	12.4	2517	7	0.0	138	35	57	32	21	13	4	17.6	17	22	4	4	3.31	116	2	2.0	1.2	X	0.1	12	85	0.2	23	468	1	10	57.8	17	3	18	1	3	17	0.5	2	7	68	5	158	11	119	
JTRC289	71	72	comp20231272	12.4	2517	7	0.0	138	35	57	32	21	13	4	17.6	17	22	4	4	3.31	116	2	2.0	1.2	X	0.1	12	85	0.2	23	468	1	10	57.8	17	3	18	1	3	17	0.5	2	7	68	5	158	11	119	
JTRC290	0	1	202305735	11.0	937	2	8.3	39	8	34	3	3	1	1	8.3	12	4	3	1	0.93	53	0	1.8	0.5	X	0.2	9	31	0.1	9	66	1	X	53.3	5	2	372	1	1	10	0.4	0	2	62	2	14	1	105	
JTRC290	1	2	comp20231273	12.9	422	1	5.7	23	4	41	1	1	1	0	7.6	16	1	3	0	0.94	30	X	2.9	0.3	X	0.2	10	8	0.0	3	52	1	X	55.1	1	3	564	1	0	11	0.5	X	1	73	2	4	1	105	
JTRC290	2	3	comp20231273	12.9	422	1	5.7	23	4	41	1	1	1	0	7.6	16	1	3	0	0.94	30	X	2.9	0.3	X	0.2	10	8	0.0	3	52	1	X	55.1	1	3	564	1	0	11	0.5	X	1	73	2	4	1	105	
JTRC290	3	4	comp20231274	15.8	766	1	0.6	13	3	45	1	1	0	0	9.8	22	1	4	0	1.01	16	X	0.7	0.1	X	0.2	14	4	0.0	2	54	1	X	62.4	1	4	109	1	X										



Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr	
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC292	11	12	202305884	15.1	839	4	0.0	245	106	X	1	3	2	1	13.3	22	3	4	1	1.37	27	0	0.1	17.5	4	0.2	14	24	0.0	7	20	1	10	39.9	6	4	57	1	1	18	0.5	0	4	35	10	8	2	124	
JTRC292	12	13	202305885	19.0	211	3	0.0	27	3	50	2	1	1	0	12.5	25	2	5	0	1.51	57	X	0.2	0.1	X	0.2	17	13	0.1	6	72	2	12	57.2	2	5	15	2	0	21	0.7	0	2	66	5	6	1	162	
JTRC292	13	14	comp20231293	13.5	777	3	0.0	29	9	47	1	1	1	0	14.0	17	2	3	0	1.05	18	0	0.1	1.1	1	0.1	11	6	0.2	2	40	1	12	60.9	1	4	13	1	0	14	0.5	0	2	57	4	8	1	116	
JTRC292	14	15	comp20231293	13.5	777	3	0.0	29	9	47	1	1	1	0	14.0	17	2	3	0	1.05	18	0	0.1	1.1	1	0.1	11	6	0.2	2	40	1	12	60.9	1	4	13	1	0	14	0.5	0	2	57	4	8	1	116	
JTRC292	15	16	comp20231294	12.5	1885	3	0.0	59	11	44	0	3	1	1	22.8	11	3	3	1	0.35	53	0	0.1	1.8	2	0.1	9	20	0.3	7	11	1	12	53.6	3	3	36	1	0	12	0.3	0	5	59	2	13	2	93	
JTRC292	16	17	comp20231294	12.5	1885	3	0.0	59	11	44	0	3	1	1	22.8	11	3	3	1	0.35	53	0	0.1	1.8	2	0.1	9	20	0.3	7	11	1	12	53.6	3	3	36	1	0	12	0.3	0	5	59	2	13	2	93	
JTRC292	17	18	comp20231295	8.9	3035	3	0.0	518	4	38	X	6	2	3	41.9	7	11	1	1	0.07	348	0	0.1	0.4	X	0.1	4	177	0.7	64	3	2	X	38.5	19	1	262	0	1	6	0.2	0	6	33	X	22	2	47	
JTRC292	18	19	comp20231295	8.9	3035	3	0.0	518	4	38	X	6	2	3	41.9	7	11	1	1	0.07	348	0	0.1	0.4	X	0.1	4	177	0.7	64	3	2	X	38.5	19	1	262	0	1	6	0.2	0	6	33	X	22	2	47	
JTRC292	19	20	comp20231296	6.1	2216	3	0.0	325	6	30	X	3	2	1	30.7	5	4	1	1	0.1	147	0	0.0	1.1	1	0.1	4	59	0.5	24	2	2	X	54.7	7	X	120	0	1	4	0.1	0	5	24	X	13	1	33	
JTRC292	20	21	comp20231296	6.1	2216	3	0.0	325	6	30	X	3	2	1	30.7	5	4	1	1	0.1	147	0	0.0	1.1	1	0.1	4	59	0.5	24	2	2	X	54.7	7	X	120	0	1	4	0.1	0	5	24	X	13	1	33	
JTRC292	21	22	comp20231297	11.7	1460	3	0.0	102	3	70	1	3	2	1	17.9	16	2	3	1	0.7	51	0	0.1	0.3	2	0.1	10	18	0.3	7	23	2	13	61.1	3	4	44	1	0	14	0.4	0	7	58	2	14	2	103	
JTRC292	22	23	comp20231297	11.7	1460	3	0.0	102	3	70	1	3	2	1	17.9	16	2	3	1	0.7	51	0	0.1	0.3	2	0.1	10	18	0.3	7	23	2	13	61.1	3	4	44	1	0	14	0.4	0	7	58	2	14	2	103	
JTRC292	23	24	comp20231298	15.3	2130	5	0.0	98	15	70	1	3	2	1	11.3	19	2	4	1	1.97	16	0	0.2	2.1	2	0.1	13	8	0.2	3	41	2	14	61.1	2	4	20	1	0	19	0.6	0	4	87	4	15	2	127	
JTRC292	24	25	comp20231298	15.3	2130	5	0.0	98	15	70	1	3	2	1	11.3	19	2	4	1	1.97	16	0	0.2	2.1	2	0.1	13	8	0.2	3	41	2	14	61.1	2	4	20	1	0	19	0.6	0	4	87	4	15	2	127	
JTRC292	25	26	202305899	16.0	2262	2	X	91	6	73	1	2	2	0	7.5	21	1	4	1	2.89	5	0	0.2	1.3	X	0.1	14	4	0.1	1	52	1	15	65.2	1	4	13	1	0	20	0.6	0	4	89	4	15	2	145	
JTRC292	26	27	comp20231299	15.7	2353	4	0.0	68	7	68	1	3	2	1	10.8	20	2	4	1	2.44	18	0	0.2	1.2	2	0.1	13	11	0.1	3	48	2	13	62.1	2	5	29	1	0	18	0.6	0	4	112	3	17	2	131	
JTRC292	27	28	comp20231299	15.7	2353	4	0.0	68	7	68	1	3	2	1	10.8	20	2	4	1	2.44	18	0	0.2	1.2	2	0.1	13	11	0.1	3	48	2	13	62.1	2	5	29	1	0	18	0.6	0	4	112	3	17	2	131	
JTRC292	28	29	comp20231300	15.2	737	3	0.0	89	6	66	1	3	2	1	9.0	21	3	4	1	2.17	16	0	0.2	0.9	3	0.1	14	12	0.1	3	47	3	12	64.9	3	4	47	1	0	19	0.6	0	4	128	3	17	3	137	
JTRC292	29	30	comp20231300	15.2	737	3	0.0	89	6	66	1	3	2	1	9.0	21	3	4	1	2.17	16	0	0.2	0.9	3	0.1	14	12	0.1	3	47	3	12	64.9	3	4	47	1	0	19	0.6	0	4	128	3	17	3	137	
JTRC292	30	31	202305905	9.0	2519	6	0.0	489	39	43	0	3	2	1	25.4	9	4	2	1	0.41	74	0	0.1	4.2	1	0.1	6	45	0.5	15	11	2	X	51.2	7	2	105	1	1	8	0.3	0	11	53	1	14	2	64	
JTRC292	31	32	202305906	10.1	3814	7	0.0	377	100	43	0	5	3	1	18.7	12	5	3	1	0.82	28	0	0.1	9.5	X	0.1	9	28	0.5	8	19	X	X	51.2	6	3	47	1	1	12	0.3	1	9	38	2	20	4	90	
JTRC292	32	33	202305907	9.6	1087	6	0.0	232	68	43	3	5	3	1	19.7	14	5	3	1	0.53	58	1	0.1	5.6	1	0.1	9	42	0.4	13	22	1	X	56.3	7	3	67	1	1	12	0.3	1	5	46	2	21	3	87	
JTRC292	33	34	202305908	11.0	5838	5	0.0	283	75	33	1	7	4	2	22.0	15	7	3	1	0.44	18	1	0.1	11.0	X	0.1	11	33	0.3	8	10	1	X	45.6	9	3	31	1	1	14	0.4	1	3	46	4	20	5	101	
JTRC292	34	35	202305909	9.1	9264	7	0.0	160	66	28	5	9	5	2	16.3	13	11	2	2	0.67	55	1	0.4	9.3	1	0.1	8	55	0.4	14	55	2	X	53.3	11	2	102	1	2	13	0.3	1	4	29	3	38	5	81	
JTRC292	35	36	202305910	4.9	4156	8	0.0	93	45	22	10	12	9	2	34.0	8	12	2	3	0.42	30	1	0.4	5.2	2	0.1	5	35	0.4	8	64	4	X	45.4	8	2	72	0	2	6	0.2	1	3	31	2	120	8	56	
JTRC292	36	37	202305911	9.5	1985	10	0.0	100	27	45	16	17	13	3	31.0	15	16	3	4	1.7	39	2	1.4	2.2	3	0.1	9	54	0.4	12	159	3	X	46.3	13	4	22	1	2	12	0.4	2	4	53	2	143	12	92	
JTRC292	37	38	202305912	9.3	1878	10	0.0	153	35	39	32	26	16	5	24.2	18	27	4	6	1.78	60	2	1.3	3.0	4	0.1	10	118	0.5	25	226	3	X	52.6	25	5	26	1	4	14	0.4	3	4	49	2	181	16	105	
JTRC292	38	39	202305913	9.4	1082	13	0.0	150	31	42	25	23	13	7	21.4	17	32	3	4	1.39	75	2	1.0	2.1	5	0.1	10	179	0.5	37	198	3	X	55.7	36	5	43	1	4	13	0.4	2	4	51	3	120	12	93	
JTRC292	39	40	202305914	11.1	2254	11	0.0	301	44	40	26	42	25	11	20.1	15	52	4	9	0.97	192	3	0.7	4.4	4	0.1	10	347	0.3	81	195	2	10	55.1	63	4	102	1	7	14	0.4	4	5	53	3	284	23	100	
JTRC292	40	41	202305915	11.3	1996	5	0.0	168	26	46	1	8	4	3	22.1	15	10	3	2	0.26	105	1	0.1	3.0	1	0.1	11	105	0.2	30	13	2	X	54.7	15	3	59	1	1	15	0.4	1	3	78	6	39	5	113	
JTRC292	41	42	202305916	10.9	12727	5	0.0	314	89	29	1	11	5	4	20.5	15	13	3	2	0.78	111	1	0.2	9.8	2	0.2	11	107	0.2	31	28	3	X	48.1	21	3	47	1	2	13	0.4	1	4	40	7	32	5	100	
JTRC292	42	43	202305917	13.2	13216	5	0.0	261	68	31	1	7	3	2	15.2	19	8	4	1	0.69	36	0	0.1	7.9	1	0.2	13	51	0.1	13	24	3	13	51.0	13	3	28	1	1	15	0.5	1	3	33	7	15	4	121	
JTRC292	43	44	202305918	17.6	21027	5	0.0	187	39	39	1	4	2	1	10.2	24	4	4	1	0.69	19	0	0.1	4.2	1	0.1	16	24	0.1	7	30	3	13	51.6	6	5	21	1	1	22	0.7	0	3	45	4	13	3	146	
JTRC292	44	45	202305919	15.9																																													





Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr		
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC294	31	32	NMP619574	19.9	8214	7	0.1	203	47	X	2	6	3	2	18.1	27	7	4	1	1.34	54	0	0.3	13.7	2	0.3	19	55	0.1	15	29	3	15	29.8	12	5	137	2	1	23	0.7	1	7	54	17	19	4	173		
JTRC294	32	33	NMP619576	20.1	12463	6	0.1	308	49	X	1	8	4	2	15.4	27	11	5	2	0.67	77	1	0.4	11.8	4	0.3	20	87	0.2	23	16	3	16	31.8	19	6	135	2	2	24	0.8	1	6	102	7	27	4	158		
JTRC294	33	34	NMP619577	16.2	17325	7	0.1	259	59	26	3	1	9	5	3	11.4	21	13	4	2	1.75	78	1	2.6	11.8	5	0.5	15	85	0.1	23	54	3	15	38.2	17	4	74	1	2	19	0.6	1	5	89	12	42	5	135	
JTRC294	34	35	NMP619578	17.5	11018	3	0.2	164	26	24	4	13	7	4	9.2	25	17	4	3	2.16	185	1	4.5	5.7	X	0.7	16	121	0.1	32	79	4	15	45.5	20	4	128	1	2	27	0.6	1	3	87	7	94	7	145		
JTRC294	35	36	NMP619579	16.1	11479	4	0.1	186	31	67	9	22	12	6	8.8	23	32	4	5	3.72	300	2	7.0	3.3	X	0.9	14	208	0.1	53	142	3	15	43.6	33	4	70	1	4	19	0.6	2	3	63	5	182	10	138		
JTRC294	36	37	NMP619580	17.6	9175	2	0.1	90	10	75	33	13	8	3	10.4	25	19	5	3	6.5	136	1	3.9	0.7	X	0.6	14	97	0.1	25	386	1	15	49.4	17	4	57	1	2	18	0.7	1	2	51	3	110	7	146		
JTRC294	37	38	NMP619581	14.9	39187	4	0.1	135	36	61	17	8	4	2	10.8	22	10	4	2	4.41	72	1	2.7	3.1	1	0.5	13	64	0.1	16	194	2	14	48.8	11	4	47	1	1	18	0.6	1	2	69	3	43	5	137		
JTRC294	38	39	comp20231313	13.9	10110	4	0.1	107	25	69	14	13	7	3	8.2	19	15	4	3	4.88	111	1	1.9	1.2	6	0.4	12	88	0.1	23	272	2	14	60.9	16	4	32	1	2	14	0.6	1	4	81	5	90	6	139		
JTRC294	39	40	comp20231313	13.9	10110	4	0.1	107	25	69	14	13	7	3	8.2	19	15	4	3	4.88	111	1	1.9	1.2	6	0.4	12	88	0.1	23	272	2	14	60.9	16	4	32	1	2	14	0.6	1	4	81	5	90	6	139		
JTRC294	40	41	comp20231314	12.0	3450	3	0.0	76	17	66	26	5	3	1	6.5	17	6	4	1	4.64	40	0	1.7	0.6	2	0.2	11	36	0.0	9	416	3	11	66.9	6	3	22	1	1	13	0.5	0	2	98	5	33	3	122		
JTRC294	41	42	comp20231314	12.0	3450	3	0.0	76	17	66	26	5	3	1	6.5	17	6	4	1	4.64	40	0	1.7	0.6	2	0.2	11	36	0.0	9	416	3	11	66.9	6	3	22	1	1	13	0.5	0	2	98	5	33	3	122		
JTRC294	42	43	comp20231315	12.3	4017	3	0.1	76	7	66	8	6	3	1	7.6	18	7	4	1	3.14	58	1	0.8	0.2	2	0.3	14	50	0.0	14	150	4	11	68.2	9	4	19	1	1	17	0.6	1	2	84	8	36	3	127		
JTRC294	43	44	comp20231315	12.3	4017	3	0.1	76	7	66	8	6	3	1	7.6	18	7	4	1	3.14	58	1	0.8	0.2	2	0.3	14	50	0.0	14	150	4	11	68.2	9	4	19	1	1	17	0.6	1	2	84	8	36	3	127		
JTRC294	44	45	comp20231316	11.4	954	3	0.0	33	6	70	54	4	2	1	9.8	15	5	3	1	2.03	36	0	1.6	0.2	2	0.1	15	31	0.1	8	483	3	11	70.2	5	3	6	1	1	16	0.5	0	2	83	6	24	2	105		
JTRC294	45	46	comp20231316	11.4	954	3	0.0	33	6	70	54	4	2	1	9.8	15	5	3	1	2.03	36	0	1.6	0.2	2	0.1	15	31	0.1	8	483	3	11	70.2	5	3	6	1	1	16	0.5	0	2	83	6	24	2	105		
JTRC294	46	47	comp20231317	12.5	753	3	0.0	48	11	68	64	4	2	1	9.5	18	5	4	1	3.57	34	0	2.3	0.3	1	0.2	11	29	0.1	8	493	1	12	64.3	5	4	19	1	1	13	0.6	0	2	68	2	21	2	128		
JTRC294	47	48	comp20231317	12.5	753	3	0.0	48	11	68	64	4	2	1	9.5	18	5	4	1	3.57	34	0	2.3	0.3	1	0.2	11	29	0.1	8	493	1	12	64.3	5	4	19	1	1	13	0.6	0	2	68	2	21	2	128		
JTRC294	48	49	comp20231318	13.5	1028	4	0.0	73	22	83	68	4	2	1	9.3	20	5	4	1	4.81	42	0	3.0	0.5	X	0.2	11	35	0.1	10	597	1	15	63.3	6	3	25	2	1	13	0.7	0	2	86	2	20	3	131		
JTRC294	49	50	comp20231318	13.5	1028	4	0.0	73	22	83	68	4	2	1	9.3	20	5	4	1	4.81	42	0	3.0	0.5	X	0.2	11	35	0.1	10	597	1	15	63.3	6	3	25	2	1	13	0.7	0	2	86	2	20	3	131		
JTRC294	50	51	comp20231319	12.2	1202	3	0.1	78	20	74	99	4	3	2	10.5	18	5	4	1	4	41	0	3.4	0.7	X	0.3	10	42	0.1	11	418	1	14	62.7	8	3	27	2	1	11	0.7	0	2	80	2	21	3	130		
JTRC294	51	52	comp20231319	12.2	1202	3	0.1	78	20	74	99	4	3	2	10.5	18	5	4	1	4	41	0	3.4	0.7	X	0.3	10	42	0.1	11	418	1	14	62.7	8	3	27	2	1	11	0.7	0	2	80	2	21	3	130		
JTRC294	52	53	comp20231320	12.3	1270	6	0.1	81	19	69	111	3	2	1	7.8	18	3	3	1	3.71	23	0	2.5	0.8	1	0.2	11	24	0.0	7	319	2	13	68.2	5	4	18	3	1	11	0.6	0	2	82	3	13	2	116		
JTRC294	53	54	comp20231320	12.3	1270	6	0.1	81	19	69	111	3	2	1	7.8	18	3	3	1	3.71	23	0	2.5	0.8	1	0.2	11	24	0.0	7	319	2	13	68.2	5	4	18	3	1	11	0.6	0	2	82	3	13	2	116		
JTRC294	54	55	NMP619599	14.7	1614	6	0.1	102	24	61	76	3	2	1	9.4	20	3	5	1	5.14	23	0	2.2	1.0	2	0.2	14	25	0.1	7	421	3	14	62.4	5	5	34	2	1	16	0.7	0	3	93	4	14	2	141		
JTRC294	55	56	NMP619601	10.3	950	4	0.1	68	15	56	121	3	1	1	7.9	15	3	3	1	2.98	20	0	2.6	0.5	1	0.1	9	20	0.0	6	485	1	11	71.5	4	3	14	1	0	10	0.5	0	2	66	3	13	2	101		
JTRC294	56	57	NMP619602	15.1	2793	7	0.1	97	40	57	163	3	2	1	11.8	22	4	4	1	3.76	36	0	2.6	1.7	2	0.2	14	37	0.1	10	436	3	17	56.6	6	6	26	4	1	13	0.9	0	5	109	6	16	2	151		
JTRC294	57	58	NMP619603	17.1	8810	12	0.1	152	38	33	135	4	2	1	9.8	24	5	4	1	2.96	37	0	1.3	0.6	11	0.3	16	39	0.1	11	275	3	15	52.1	7	7	54	8	1	19	0.6	0	8	111	23	16	2	137		
JTRC294	58	59	NMP619604	14.2	22051	23	0.1	285	81	89	51	7	4	2	10.8	20	9	4	2	2.2	71	1	1.7	17.1	9	0.4	16	71	0.2	20	210	5	16	37.0	15	7	145	11	1	16	0.6	1	15	90	23	28	4	126		
JTRC294	59	60	NMP619605	17.4	6086	8	0.1	116	23	69	42	4	2	1	10.2	24	5	4	1	5.57	54	0	1.6	4.7	2	0.3	15	49	0.1	14	240	2	14	50.1	8	4	88	2	1	20	0.6	0	5	44	6	20	3	144		
JTRC294	60	61	NMP619606	17.6	2564	6	0.1	97	12	62	50	4	2	2	10.0	25	6	4	1	7.22	60	0	2.2	1.7	1	0.3	14	54	0.1	15	314	2	14	53.8	9	5	59	1	1	21	0.6	0	3	50	4	17	2	147		
JTRC294	61	62	NMP619607	16.9	5805	6	0.1	179	16	45	35	5	3	2	9.6	25	7	4	1	5.6	68	1	2.1	3.1	2	0.4	14	61	0.1	17	247	2	15	53.4	10	4	65	1	1	19	0.6	0	4	61	6	24	3	140		
JTRC294	62	63	NMP619608	15.2	1803	4	0.1	79	10	60	139	3	2	1	8.0	20	5	4	1	6.27	57	0	1.8	0.7	X	0.2	13	41	0.1	11	583	1	11	62.0	7	4	42	1	1	18	0.5	0	2	46	5	19	2	122		
JTRC294	63	64	NMP619609	13.2	1416	2	0.1	62	8	60	62	5	2	2	7.7	18	7	3	1	5.74	80	0	2.1	0.1	X	0.3	11	52	0.1	14	409	1	12	63.9	8	3	37	1	1											

Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr	
%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC295	42	43	NMP619664	6.7	995	5	0.0	111	37	27	4	6	4	1	31.0	10	5	2	1	0.64	25	1	0.9	5.1	2	0.2	7	28	0.3	7	84	2	X	45.6	7	2	80	1	1	9	0.2	1	3	46	3	33	4	65	
JTRC295	43	44	NMP619665	5.9	963	6	0.0	121	44	26	2	7	4	1	27.4	9	8	2	2	0.49	54	1	0.5	4.9	3	0.1	7	53	0.5	13	51	1	X	50.6	10	2	80	0	1	7	0.2	1	3	52	2	36	4	56	
JTRC295	44	45	NMP619666	9.5	1558	4	0.0	69	27	40	10	4	2	1	20.3	14	4	3	1	2.66	16	0	2.5	2.4	12	0.1	9	18	0.2	5	354	1	X	56.5	4	2	27	1	1	12	0.3	0	2	60	4	19	3	100	
JTRC295	45	46	NMP619667	6.9	1175	4	0.0	71	30	33	14	5	3	1	23.1	10	5	2	1	1.77	33	0	2.0	2.6	4	0.1	7	31	0.3	8	355	1	X	57.1	6	2	33	1	1	10	0.2	0	2	53	2	27	3	67	
JTRC295	46	47	NMP619668	8.0	612	3	0.1	64	17	37	9	3	2	1	17.1	12	3	2	1	1.98	16	0	2.2	2.6	2	0.2	8	19	0.1	5	220	1	X	61.0	4	2	38	1	1	10	0.3	0	1	48	3	16	2	74	
JTRC295	47	48	NMP619669	10.8	1482	5	0.2	93	28	56	14	8	5	2	16.3	16	9	3	2	1.84	63	1	4.0	8.0	1	0.6	11	55	0.1	14	211	2	X	45.5	9	3	146	1	1	13	0.4	1	1	31	4	44	4	97	
JTRC295	48	49	NMP619671	9.8	4891	9	0.3	99	37	53	5	28	20	4	17.4	15	28	2	7	1.74	143	2	4.2	13.0	X	0.8	10	100	0.2	25	59	1	X	35.3	17	3	280	1	4	12	0.3	2	1	40	17	312	16	79	
JTRC295	49	50	NMP619672	13.9	2946	6	0.5	97	29	74	2	21	17	3	9.4	20	23	4	6	1.62	163	2	6.4	6.9	X	1.1	12	79	0.1	20	47	1	12	42.4	13	4	185	1	3	17	0.5	2	1	55	4	283	12	120	
JTRC295	50	51	NMP619673	13.0	4082	4	3.2	71	13	75	7	7	5	1	7.9	21	8	3	2	3.47	64	1	10.3	1.7	X	1.0	11	38	0.0	10	163	1	11	47.9	7	3	72	1	1	15	0.5	1	1	45	1	92	4	113	
JTRC295	51	52	NMP619674	11.7	34194	3	1.6	73	15	59	9	6	5	1	9.4	17	6	3	2	4.04	44	1	8.0	2.3	X	0.6	10	31	0.1	8	162	2	11	48.8	6	3	69	1	1	13	0.5	1	1	70	4	94	4	107	
JTRC295	52	53	comp20231335	12.1	33482	3	1.6	78	16	56	8	7	5	2	8.7	17	8	3	2	4.16	49	1	6.2	1.2	X	0.7	11	37	0.1	10	142	2	11	53.5	7	3	53	1	1	14	0.5	1	2	56	2	66	4	110	
JTRC295	53	54	comp20231335	12.1	33482	3	1.6	78	16	56	8	7	5	2	8.7	17	8	3	2	4.16	49	1	6.2	1.2	X	0.7	11	37	0.1	10	142	2	11	53.5	7	3	53	1	1	14	0.5	1	2	56	2	66	4	110	
JTRC295	54	55	comp20231336	12.1	6103	3	0.1	69	21	70	17	5	3	1	8.0	18	5	3	1	5.06	41	0	2.8	0.9	2	0.3	11	35	0.1	9	265	1	12	63.2	6	3	35	1	1	13	0.5	0	3	77	8	31	3	121	
JTRC295	55	56	comp20231336	12.1	6103	3	0.1	69	21	70	17	5	3	1	8.0	18	5	3	1	5.06	41	0	2.8	0.9	2	0.3	11	35	0.1	9	265	1	12	63.2	6	3	35	1	1	13	0.5	0	3	77	8	31	3	121	
JTRC295	56	57	comp20231337	13.0	3706	3	0.1	78	21	68	13	7	4	2	7.7	19	8	4	2	5.82	55	1	2.9	0.8	X	0.5	12	44	0.1	12	253	1	12	61.7	8	3	39	1	1	15	0.6	1	3	68	6	47	4	137	
JTRC295	57	58	comp20231337	13.0	3706	3	0.1	78	21	68	13	7	4	2	7.7	19	8	4	2	5.82	55	1	2.9	0.8	X	0.5	12	44	0.1	12	253	1	12	61.7	8	3	39	1	1	15	0.6	1	3	68	6	47	4	137	
JTRC295	58	59	comp20231338	10.8	2650	3	0.1	75	22	56	33	7	4	2	9.6	16	8	3	2	4.82	50	1	2.8	1.1	1	0.4	10	40	0.1	10	398	2	10	63.9	7	3	27	1	1	12	0.5	1	2	59	6	46	4	107	
JTRC295	59	60	comp20231338	10.8	2650	3	0.1	75	22	56	33	7	4	2	9.6	16	8	3	2	4.82	50	1	2.8	1.1	1	0.4	10	40	0.1	10	398	2	10	63.9	7	3	27	1	1	12	0.5	1	2	59	6	46	4	107	
JTRC296	0	1	NMP619684	9.4	3379	1	13.8	35	8	33	3	2	1	1	6.2	12	2	3	1	0.97	24	0	1.4	0.5	X	0.2	7	14	0.0	4	53	1	10	49.2	3	2	337	1	0	8	0.4	0	2	45	5	14	1	120	
JTRC296	1	2	NMP619685	13.9	2087	2	12.0	28	9	29	1	2	1	0	7.5	18	1	4	0	0.88	28	45	0.1	1.3	X	0.2	12	11	0.1	4	35	1	18	45.2	2	3	312	1	0	13	0.6	0	3	71	10	10	1	131	
JTRC296	2	3	NMP619686	16.1	4467	2	6.9	46	11	X	1	1	1	0	9.4	19	1	4	0	0.87	16	0	1.6	1.5	X	0.3	11	7	0.1	3	34	1	17	47.0	1	4	250	1	0	15	0.5	0	2	76	14	7	1	114	
JTRC296	3	4	NMP619687	10.9	9342	4	4.5	148	53	X	1	2	1	0	16.6	12	2	2	0	1.09	15	0	1.0	12.9	2	0.3	7	12	0.1	4	14	1	13	36.9	3	2	318	1	0	10	0.3	0	3	45	17	8	1	69	
JTRC296	4	5	comp20231339	12.9	3521	3	0.1	49	5	40	1	2	1	1	20.6	16	2	3	0	0.34	41	0	0.2	0.5	X	0.2	11	14	0.2	5	14	2	10	56.3	2	4	86	1	0	14	0.4	0	3	54	9	11	1	102	
JTRC296	5	6	comp20231339	12.9	3521	3	0.1	49	5	40	1	2	1	1	20.6	16	2	3	0	0.34	41	0	0.2	0.5	X	0.2	11	14	0.2	5	14	2	10	56.3	2	4	86	1	0	14	0.4	0	3	54	9	11	1	102	
JTRC296	6	7	comp20231340	14.6	2651	3	0.0	23	4	76	1	2	2	0	14.4	21	2	4	1	1.75	14	0	0.2	0.2	X	0.2	13	7	0.1	2	37	2	13	58.5	1	4	48	1	0	17	0.5	0	3	103	15	16	2	130	
JTRC296	7	8	comp20231340	14.6	2651	3	0.0	23	4	76	1	2	2	0	14.4	21	2	4	1	1.75	14	0	0.2	0.2	X	0.2	13	7	0.1	2	37	2	13	58.5	1	4	48	1	0	17	0.5	0	3	103	15	16	2	130	
JTRC296	8	9	comp20231341	15.1	3260	2	0.0	18	4	88	1	2	2	0	13.4	18	1	4	1	1.81	4	0	0.2	0.1	X	0.2	13	2	0.1	1	34	2	20	62.1	1	4	26	1	0	18	0.6	0	3	115	11	15	2	131	
JTRC296	9	10	comp20231341	15.1	3260	2	0.0	18	4	88	1	2	2	0	13.4	18	1	4	1	1.81	4	0	0.2	0.1	X	0.2	13	2	0.1	1	34	2	20	62.1	1	4	26	1	0	18	0.6	0	3	115	11	15	2	131	
JTRC296	10	11	NMP619695	7.6	6720	5	0.0	200	22	34	0	6	3	2	27.4	8	8	2	1	0.6	107	0	0.1	8.8	X	0.1	6	74	0.3	21	9	1																	



Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr	
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
JTRC296	65	66	NMP619755	14.1	11789	6	0.0	131	35	58	28	6	3	2	12.4	20	8	4	1	4.53	44	0	1.4	2.5	3	0.2	14	53	0.1	14	474	1	13	59.6	12	3	28	1	1	19	0.6	0	3	66	5	24	3	133	
JTRC296	66	67	NMP619756	13.6	7872	5	0.0	168	33	48	13	8	5	3	13.9	21	9	4	2	5.85	49	0	2.4	3.3	3	0.3	15	64	0.1	16	447	2	13	59.6	14	4	25	1	1	18	0.6	0	3	46	6	79	6	143	
JTRC296	67	68	NMP619757	7.7	3710	8	0.1	149	43	35	9	12	10	3	29.0	11	11	2	3	2.05	42	1	1.8	3.3	4	0.2	9	63	0.2	15	173	1	X	48.5	14	2	11	1	2	10	0.3	1	3	45	4	155	9	77	
JTRC296	68	69	NMP619758	4.6	1209	8	0.4	134	21	24	5	70	43	12	33.6	6	81	2	15	0.77	236	5	1.0	1.1	3	0.3	6	281	0.5	60	63	2	X	52.6	50	2	137	0	11	6	0.2	6	2	27	2	372	34	49	
JTRC296	69	70	NMP619759	5.9	1856	7	0.7	69	27	31	8	7	4	1	26.4	9	8	2	2	1.54	37	1	2.4	2.2	2	0.4	7	29	0.5	8	174	1	X	52.3	6	2	54	1	1	8	0.2	1	1	31	3	43	4	58	
JTRC296	70	71	NMP619760	8.0	674	5	0.7	80	18	39	6	4	3	1	17.9	11	4	2	1	2.27	35	0	4.8	2.2	X	0.7	8	27	0.5	7	240	1	X	54.5	5	3	47	1	1	11	0.3	0	1	49	2	28	2	76	
JTRC296	71	72	NMP619761	7.3	433	5	0.5	72	17	37	5	4	3	1	17.2	10	5	2	1	2.43	33	0	4.2	1.4	1	0.6	8	26	0.3	7	198	1	X	61.0	5	2	29	1	1	10	0.3	0	1	28	1	26	2	73	
JTRC296	72	73	NMP619762	11.1	16578	7	0.4	103	21	49	4	5	3	1	13.6	15	6	3	1	2.53	48	0	6.6	2.5	X	1.5	11	35	0.2	10	89	1	10	48.8	6	3	48	1	1	15	0.4	0	1	29	1	37	3	104	
JTRC296	73	74	NMP619763	7.1	1443	7	0.4	75	16	36	8	9	7	1	15.1	9	10	2	2	1.5	54	1	5.0	1.8	1	0.8	8	36	0.1	9	190	1	X	59.3	6	2	39	1	2	10	0.3	1	1	41	4	69	5	76	
JTRC296	74	75	NMP619764	8.2	1229	8	0.2	80	23	34	5	25	16	4	12.9	11	30	2	6	1.03	130	2	6.4	2.0	1	0.7	9	92	0.1	22	72	1	X	57.6	15	2	35	1	4	11	0.3	2	1	23	6	161	12	81	
JTRC296	75	76	NMP619765	2.2	432	6	0.1	63	13	X	4	14	8	3	27.1	3	17	1	3	0.38	86	1	1.3	0.9	2	0.3	4	66	0.1	16	55	1	X	64.2	11	1	14	0	2	3	0.1	1	1	11	3	83	7	28	
JTRC296	76	77	NMP619766	1.0	150	6	0.1	46	7	X	2	10	6	2	31.7	2	10	0	2	0.18	49	1	0.4	0.6	2	0.2	2	42	0.1	10	18	1	X	62.5	7	X	12	0	2	1	0.0	1	1	11	5	66	5	53	
JTRC296	77	78	NMP619767	5.3	734	8	0.2	56	13	22	5	12	7	2	19.4	8	12	2	3	1.22	62	1	2.0	1.5	2	0.4	6	44	0.2	11	256	1	X	62.6	9	3	31	1	2	7	0.1	1	1	22	3	74	6	13	
JTRC297	0	1	NMP619768	11.9	2482	3	0.4	51	7	89	3	4	3	1	22.4	17	5	5	1	0.51	27	0	0.6	0.2	2	0.2	8	23	0.1	6	55	2	12	55.5	5	2	41	1	1	22	0.4	0	2	132	4	23	2	166	
JTRC297	1	2	NMP619769	13.2	6210	1	1.0	23	4	72	2	2	1	1	18.8	16	2	3	0	0.38	14	0	0.3	0.1	3	0.2	8	10	0.0	3	20	2	11	55.1	2	3	72	1	0	21	0.4	0	1	88	10	15	1	102	
JTRC297	2	3	NMP619771	13.8	8041	1	0.1	15	2	54	1	1	1	1	1	20.0	15	1	2	0	0.24	7	0	0.2	0.1	2	0.3	8	4	0.0	1	16	1	X	52.6	1	3	43	1	0	13	0.3	0	1	70	15	6	1	79
JTRC297	3	4	NMP619772	14.4	11563	2	0.1	8	2	37	1	1	0	0	17.6	14	0	2	0	0.12	4	X	0.2	0.1	1	0.3	8	2	0.0	1	10	X	11	54.5	1	3	25	1	X	12	0.3	X	1	53	18	4	1	74	
JTRC297	4	5	NMP619773	17.1	19629	3	0.1	16	3	42	1	1	0	0	23.2	17	1	3	0	0.1	4	0	0.1	0.3	2	0.2	11	3	0.1	1	6	1	16	43.3	1	3	31	1	0	15	0.4	0	2	40	27	5	1	95	
JTRC297	5	6	NMP619774	15.9	14553	4	0.0	19	4	59	1	2	1	0	26.1	19	1	3	0	0.5	5	0	0.2	0.3	1	0.2	12	3	0.1	1	20	1	19	43.1	1	3	23	1	0	18	0.5	0	2	69	39	7	2	116	
JTRC297	6	7	comp20231346	17.4	11652	2	0.0	19	3	48	2	1	1	0	13.8	22	1	4	0	0.96	3	0	0.2	0.3	X	0.2	13	2	0.1	1	40	1	14	55.6	1	4	23	1	0	18	0.6	X	2	66	19	5	1	127	
JTRC297	7	8	comp20231346	17.4	11652	2	0.0	19	3	48	2	1	1	0	13.8	22	1	4	0	0.96	3	0	0.2	0.3	X	0.2	13	2	0.1	1	40	1	14	55.6	1	4	23	1	0	18	0.6	X	2	66	19	5	1	127	
JTRC297	8	9	comp20231347	16.8	12789	3	0.0	28	4	50	1	1	1	0	16.8	21	1	4	0	0.72	5	0	0.2	0.4	X	0.2	14	2	0.1	1	34	2	18	52.7	1	4	37	1	0	17	0.7	0	3	83	20	7	1	147	
JTRC297	9	10	comp20231347	16.8	12789	3	0.0	28	4	50	1	1	1	0	16.8	21	1	4	0	0.72	5	0	0.2	0.4	X	0.2	14	2	0.1	1	34	2	18	52.7	1	4	37	1	0	17	0.7	0	3	83	20	7	1	147	
JTRC297	10	11	comp20231348	15.6	3843	2	0.0	14	3	46	2	1	1	0	9.8	20	1	4	0	1.23	2	0	0.2	0.2	3	0.2	12	2	0.0	1	46	1	16	64.0	1	4	18	1	0	16	0.6	0	3	112	12	7	1	146	
JTRC297	11	12	comp20231348	15.6	3843	2	0.0	14	3	46	2	1	1	0	9.8	20	1	4	0	1.23	2	0	0.2	0.2	3	0.2	12	2	0.0	1	46	1	16	64.0	1	4	18	1	0	16	0.6	0	3	112	12	7	1	146	
JTRC297	12	13	comp20231349	16.2	4607	2	0.0	99	4	56	1	1	1	0	8.6	17	1	3	0	0.81	4	0	0.2	0.3	2	0.2	11	3	0.0	1	30	1	19	64.5	1	4	20	1	0	13	0.5	0	3	81	10	6	1	129	
JTRC297	13	14	comp20231349	16.2	4607	2	0.0	99	4	56	1	1	1	0	8.6	17	1	3	0	0.81	4	0	0.2	0.3	2	0.2	11	3	0.0	1	30	1	19	64.5	1	4	20	1	0	13	0.5	0	3	81	10	6	1	129	
JTRC297	14	15	comp20231350	14.5	5371	3	0.0	115	20	68	2	2	1	0	8.2	16	1	4	0	1.31	7	0	0.3	2.0	2	0.2	11	6	0.0	2	40	1	22	64.3	2	4	9	1	0	13	0.6	0	3	113	10	8	1	124	
JTRC297	15	16	comp20231350	14.5	5371	3	0.0	115	20	68	2	2	1	0	8.2	16	1	4	0	1.31	7	0	0.3	2.0	2	0.2	11	6	0.0	2	40	1	22	64.3	2	4	9	1	0	13	0.6	0							

Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr	
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC297	70	71	NMP619845	5.1	1270	2	0.3	63	17	23	5	4	3	1	27.9	8	5	1	1	0.63	31	0	2.6	8.8	X	0.6	6	23	0.3	6	129	1	X	40.2	4	2	142	0	1	6	0.2	0	1	13	2	56	3	48	
JTRC297	71	72	NMP619846	5.7	1231	3	0.2	61	16	21	5	4	3	1	33.4	10	5	2	1	0.8	29	0	2.4	5.3	2	0.5	6	25	0.6	6	265	1	X	39.4	4	2	80	0	1	6	0.2	0	1	33	1	40	2	53	
JTRC297	72	73	NMP619847	3.8	855	2	0.2	45	9	X	7	4	2	1	27.7	6	3	1	1	0.85	20	0	1.9	2.6	3	0.4	5	16	0.2	4	369	1	X	53.5	3	1	39	0	1	5	0.1	0	1	23	X	27	2	39	
JTRC297	73	74	NMP619848	5.2	1644	1	0.3	54	13	X	8	5	3	1	23.4	6	5	2	1	0.79	28	0	2.7	4.8	2	0.5	6	20	0.2	6	168	1	X	52.5	4	2	69	0	1	6	0.2	0	1	18	1	31	3	55	
JTRC297	74	75	NMP619849	7.8	1590	2	0.4	66	18	30	8	4	3	1	21.3	10	4	2	1	1.43	33	0	4.2	6.9	1	0.8	8	25	0.2	7	189	1	X	43.5	5	3	123	1	1	9	0.3	0	1	30	3	28	2	73	
JTRC297	75	76	NMP619851	3.2	807	1	0.5	33	9	X	8	2	1	1	20.4	5	3	1	0	0.63	16	0	2.6	3.2	2	0.4	3	12	0.2	3	160	2	X	60.2	2	1	68	0	0	3	0.1	0	1	26	7	15	1	25	
JTRC297	76	77	NMP619852	2.7	317	1	1.0	50	14	X	5	3	2	1	31.5	3	3	0	1	0.64	20	0	3.2	4.5	2	0.5	2	15	0.3	4	149	3	X	46.4	2	X	95	0	0	1	0.0	0	0	11	1	19	1	14	
JTRC297	77	78	NMP619853	0.9	112	X	0.6	42	11	X	2	2	1	1	35.8	2	2	0	1	0.25	15	0	1.5	2.2	3	0.3	3	12	0.3	3	42	X	X	52.0	2	X	44	X	0	1	0.0	0	0	14	2	16	1	11	
JTRC298	0	1	comp20231353	5.6	400	1	4.3	33	6	33	6	2	1	1	35.8	7	3	4	0	0.77	21	0	1.6	0.4	1	0.3	4	19	0.0	5	83	X	X	70.6	3	1	232	0	0	6	0.3	0	1	45	2	14	1	159	
JTRC298	1	2	comp20231353	5.6	400	1	4.3	33	6	33	6	2	1	1	35.8	7	3	4	0	0.77	21	0	1.6	0.4	1	0.3	4	19	0.0	5	83	X	X	70.6	3	1	232	0	0	6	0.3	0	1	45	2	14	1	159	
JTRC298	2	3	comp20231354	5.4	601	X	2.1	34	6	31	3	2	1	1	6.9	8	2	3	1	0.69	18	0	1.0	0.7	1	0.3	5	15	0.0	4	49	X	X	75.1	3	1	107	0	0	6	0.3	0	1	45	2	14	1	136	
JTRC298	3	4	comp20231354	5.4	601	X	2.1	34	6	31	3	2	1	1	5.9	8	2	3	1	0.69	18	0	1.0	0.7	1	0.3	5	15	0.0	4	49	X	X	75.1	3	1	107	0	0	6	0.3	0	1	45	2	14	1	136	
JTRC298	4	5	comp20231355	3.8	238	X	3.1	19	3	25	2	2	1	1	0.3	7	5	2	4	0	0.41	11	0	1.0	0.1	1	0.2	4	9	0.0	3	26	X	X	82.0	2	1	129	0	0	4	0.2	0	1	31	1	10	1	160
JTRC298	5	6	comp20231355	3.8	238	X	3.1	19	3	25	2	2	1	1	0.3	7	5	2	4	0	0.41	11	0	1.0	0.1	1	0.2	4	9	0.0	3	26	X	X	82.0	2	1	129	0	0	4	0.2	0	1	31	1	10	1	160
JTRC298	6	7	comp20231356	8.3	1477	X	1.1	28	4	57	2	2	1	0	13.4	12	2	5	0	0.55	14	0	0.9	0.2	3	0.4	7	12	0.0	3	33	1	X	65.1	2	2	99	1	0	14	0.3	0	1	93	5	9	1	179	
JTRC298	7	8	comp20231356	8.3	1477	X	1.1	28	4	57	2	2	1	0	13.4	12	2	5	0	0.55	14	0	0.9	0.2	3	0.4	7	12	0.0	3	33	1	X	65.1	2	2	99	1	0	14	0.3	0	1	93	5	9	1	179	
JTRC298	8	9	comp20231357	13.6	398	X	0.2	16	3	80	2	1	1	0	28.2	21	1	4	0	0.29	8	0	0.4	0.1	3	0.3	11	6	0.0	2	19	2	X	45.8	1	4	28	1	0	26	0.5	0	2	136	4	6	1	163	
JTRC298	9	10	comp20231357	13.6	398	X	0.2	16	3	80	2	1	1	0	28.2	21	1	4	0	0.29	8	0	0.4	0.1	3	0.3	11	6	0.0	2	19	2	X	45.8	1	4	28	1	0	26	0.5	0	2	136	4	6	1	163	
JTRC298	10	11	comp20231358	17.8	214	X	0.1	6	3	72	1	1	1	0	14.4	27	1	5	0	0.14	3	0	0.2	0.0	5	0.4	16	2	X	1	12	2	X	52.9	0	5	11	1	0	24	0.7	0	2	113	6	7	1	185	
JTRC298	11	12	comp20231358	17.8	214	X	0.1	6	3	72	1	1	1	0	14.4	27	1	5	0	0.14	3	0	0.2	0.0	5	0.4	16	2	X	1	12	2	X	52.9	0	5	11	1	0	24	0.7	0	2	113	6	7	1	185	
JTRC298	12	13	comp20231359	17.2	122	X	0.0	7	2	83	2	1	1	0	15.1	28	1	6	0	0.15	3	0	0.2	0.0	4	0.4	17	2	0.0	1	13	2	X	53.3	1	5	9	1	0	27	0.8	0	3	119	6	8	1	194	
JTRC298	13	14	comp20231359	17.2	122	X	0.0	7	2	83	2	1	1	0	15.1	28	1	6	0	0.15	3	0	0.2	0.0	4	0.4	17	2	0.0	1	13	2	X	53.3	1	5	9	1	0	27	0.8	0	3	119	6	8	1	194	
JTRC298	14	15	comp20231360	15.3	185	X	0.1	7	3	88	2	1	1	0	19.6	27	1	6	0	0.16	4	0	0.2	0.1	5	0.3	17	3	0.0	1	16	2	X	51.2	1	5	9	1	0	30	0.8	0	3	145	7	8	1	205	
JTRC298	15	16	comp20231360	15.3	185	X	0.1	7	3	88	2	1	1	0	19.6	27	1	6	0	0.16	4	0	0.2	0.1	5	0.3	17	3	0.0	1	16	2	X	51.2	1	5	9	1	0	30	0.8	0	3	145	7	8	1	205	
JTRC298	16	17	comp20231361	12.7	145	X	0.1	11	3	91	3	2	2	0	20.0	24	1	7	1	0.14	6	0	0.1	0.1	6	0.2	18	4	0.0	1	13	2	X	55.7	1	4	9	1	0	28	0.8	0	3	142	11	14	2	263	
JTRC298	17	18	comp20231361	12.7	145	X	0.1	11	3	91	3	2	2	0	20.0	24	1	7	1	0.14	6	0	0.1	0.1	6	0.2	18	4	0.0	1	13	2	X	55.7	1	4	9	1	0	28	0.8	0	3	142	11	14	2	263	
JTRC298	18	19	NMP619873	10.5	68	1	0.0	19	3	86	2	2	1	0	36.0	26	1	7	0	0.14	10	0	0.1	0.1	7	0.1	18	7	0.0	2	11	3	X	42.3	2	5	7	2	0	22	0.8	0	3	187	20	11	2	224	
JTRC298	19	20	NMP619874	15.3	1346	X	0.0	18	3	94	2	2	1	0	38.8	34	1	6	0	0.25	9	0	0.1	0.1	7	0.1	19	7	0.0	2	15	3	X	41.3	1	6	18	2	0	29	0.8	0	4	185	28	9	1	196	
JTRC298	20	21	comp20231362	12.8	109	X	0.0	13	2	78	2	1	1	0	36.2	21	1	3	0	0.12	6	0	0.1	0.1	10	0.1	12	4	0.0	1	8	2	X	37.5	1	4	4	1	0	21	0.5	0	3	141	20	5	1	113	
JTRC298	21	22	comp20231362	12.8	109	X	0.0	13																																									

Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr	
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC298	75	76	NMP619935	10.9	4574	3	0.3	108	24	38	13	6	4	1	12.3	15	7	3	1	1.73	48	1	3.1	3.5	1	0.7	12	38	0.1	10	171	2	X	54.3	7	3	43	1	1	14	0.4	1	1	29	2	47	3	111	
JTRC298	76	77	NMP619936	5.9	933	4	0.1	73	12	39	14	3	2	1	27.2	8	4	2	1	0.93	28	0	1.8	1.5	1	0.3	7	22	0.2	6	189	2	X	55.5	4	2	27	1	1	8	0.2	0	1	48	4	23	2	57	
JTRC298	77	78	NMP619937	7.5	1696	5	0.2	97	19	46	18	4	3	1	24.7	11	5	2	1	0.96	36	1	2.1	3.1	1	0.4	9	29	0.2	8	152	3	X	51.2	5	2	59	1	1	10	0.3	0	2	38	17	32	2	68	
JTRC298	78	79	NMP619938	15.2	3068	4	0.3	117	28	33	3	8	5	1	10.3	20	7	4	2	1.53	56	0	4.5	4.1	X	0.9	14	42	0.1	12	48	2	14	46.7	8	5	82	1	1	20	0.6	1	1	31	37	73	4	135	
JTRC298	79	80	NMP619939	3.0	4466	3	0.2	49	18	22	3	2	2	1	8.8	4	3	1	1	0.34	22	0	0.8	7.0	2	0.3	4	14	0.1	4	20	3	X	74.0	3	1	119	0	0	4	0.1	0	1	11	84	21	2	34	
JTRC298	80	81	NMP619941	2.5	2821	3	0.1	63	14	X	14	2	2	1	12.8	4	3	1	1	0.24	28	0	0.8	5.9	2	0.3	4	18	0.1	5	58	2	X	70.2	3	2	155	0	0	4	0.1	0	1	10	54	18	2	39	
JTRC298	81	82	NMP619942	2.7	6249	3	0.1	52	19	X	7	3	2	1	18.1	6	4	1	1	0.17	26	0	0.6	7.9	2	0.3	4	17	0.2	5	29	3	X	61.8	3	1	127	0	1	4	0.1	0	1	X	105	24	2	32	
JTRC298	82	83	NMP619943	4.7	1188	3	0.1	60	13	X	25	4	2	1	35.2	7	3	2	1	0.53	24	0	1.4	2.6	1	0.3	6	18	0.2	5	232	4	X	43.9	3	3	85	1	1	6	0.2	0	1	27	47	26	2	62	
JTRC298	83	84	NMP619944	1.3	1107	1	0.1	47	8	X	16	2	1	1	30.3	2	3	0	1	0.2	17	0	0.5	1.9	1	0.1	2	13	0.1	4	104	2	X	61.6	3	X	45	0	0	2	0.0	0	1	16	37	16	1	18	
JTRC298	84	85	NMP619945	1.4	3141	4	0.1	69	13	X	11	5	3	2	31.0	2	5	0	1	0.22	25	0	0.5	3.6	2	0.2	2	22	0.2	6	77	6	X	57.8	5	1	39	0	1	2	0.1	0	2	29	16	30	2	15	
JTRC298	85	86	NMP619946	1.1	3825	3	0.1	64	15	X	15	4	3	1	29.5	2	4	0	1	0.2	22	0	0.4	4.2	3	0.2	2	18	0.2	5	78	5	X	59.4	4	X	39	0	1	2	0.0	0	2	24	27	29	2	15	
JTRC298	86	87	NMP619947	1.6	9198	3	0.1	81	34	X	14	6	4	2	24.1	4	6	0	1	0.23	32	1	0.6	9.3	5	0.2	2	26	0.2	7	58	10	X	55.4	6	1	88	0	1	2	0.1	1	3	15	188	40	3	16	
JTRC298	87	88	NMP619948	1.2	4552	2	0.1	62	17	X	7	5	3	1	16.2	3	4	0	1	0.15	26	0	0.4	6.1	2	0.2	2	21	0.2	6	42	3	X	70.3	4	X	72	0	1	1	0.0	0	1	22	30	26	2	14	
JTRC298	88	89	NMP619949	3.8	3927	1	0.1	68	24	X	15	4	3	1	15.4	6	4	1	1	0.31	23	0	0.8	4.4	2	0.3	6	19	0.1	5	96	3	X	68.3	4	2	50	0	1	4	0.1	0	2	23	26	25	2	40	
JTRC298	89	90	NMP619951	4.9	8742	3	0.2	55	25	X	12	6	4	1	15.0	9	5	1	1	0.27	18	1	1.2	6.3	3	0.4	11	16	0.1	4	64	4	X	60.5	4	1	60	0	1	40	0.2	1	2	25	141	36	4	45	
JTRC299	0	1	NMP619952	5.9	2730	3	0.6	57	17	58	4	4	3	1	25.7	9	4	2	1	0.39	22	0	1.1	2.4	3	0.2	5	19	0.1	5	38	2	X	38.7	4	2	165	0	1	9	0.2	0	2	51	14	25	3	68	
JTRC299	1	2	NMP619953	6.9	2718	2	0.6	58	16	27	2	2	1	1	26.1	7	2	2	1	0.34	17	0	1.3	1.4	4	0.3	5	13	0.1	4	22	2	X	42.5	3	2	296	0	0	7	0.2	0	2	38	5	12	1	59	
JTRC299	2	3	NMP619954	7.2	1850	4	0.2	56	15	31	2	2	1	1	39.3	8	2	1	0	0.22	29	0	0.4	0.8	4	0.3	5	11	0.3	4	14	2	X	40.7	2	2	85	0	0	6	0.2	0	4	44	5	11	1	51	
JTRC299	3	4	NMP619955	7.5	5114	4	0.1	220	45	24	1	3	1	1	39.7	8	2	2	1	0.34	26	0	0.2	6.3	3	0.3	6	14	0.2	5	9	2	X	34.7	3	2	115	0	0	7	0.2	0	5	43	4	11	2	54	
JTRC299	4	5	NMP619956	10.6	7843	5	0.1	502	79	42	1	3	2	1	25.6	12	3	2	1	0.55	24	0	0.4	9.2	2	0.4	8	17	0.1	5	11	1	X	41.3	5	3	102	1	1	10	0.3	0	5	45	12	10	2	71	
JTRC299	5	6	NMP619957	12.4	5825	5	0.1	723	78	40	1	3	2	1	29.9	14	3	2	1	0.59	29	0	0.2	9.1	1	0.3	10	18	0.1	6	15	2	X	34.5	4	3	135	1	1	13	0.3	0	7	52	5	10	2	88	
JTRC299	6	7	NMP619958	7.1	764	3	0.0	38	11	34	0	2	1	0	39.9	8	1	2	1	0.09	4	0	0.1	0.5	2	0.1	7	4	0.1	1	4	3	X	43.0	1	2	26	1	0	7	0.2	0	5	65	4	11	2	58	
JTRC299	7	8	NMP619959	9.3	2025	3	0.0	58	9	47	0	1	1	0	33.5	11	1	2	0	0.14	4	0	0.1	0.7	2	0.1	9	5	0.1	1	6	2	X	46.4	1	3	28	1	0	10	0.3	0	5	66	4	7	1	73	
JTRC299	8	9	NMP619960	10.3	3609	4	0.0	53	8	57	0	2	1	1	29.7	14	2	3	0	0.73	7	0	0.2	0.8	3	0.1	10	5	0.1	2	22	2	X	50.3	2	3	42	1	0	12	0.3	0	4	61	8	10	1	91	
JTRC299	9	10	NMP619961	12.4	8067	3	0.0	49	9	60	0	2	1	0	26.4	17	2	3	0	0.14	23	0	0.1	2.8	X	0.2	12	8	0.1	3	4	1	X	47.5	2	3	67	1	0	15	0.4	0	3	72	7	9	2	106	
JTRC299	10	11	NMP619962	13.7	17299	4	0.0	237	56	24	1	3	2	1	16.1	17	4	3	1	0.63	35	0	0.1	15.3	1	0.3	12	22	0.1	7	8	2	12	40.3	5	3	91	1	1	15	0.4	0	3	41	10	12	2	95	
JTRC299	11	12	NMP619963	22.7	11964	3	0.0	35	8	43	1	1	1	0	15.6	32	1	6	0	1.29	25	0	0.1	2.7	3	0.2	21	7	0.1	3	57	2	16	42.3	2	6	63	2	0	28	0.9	0	3	84	14	7	1	191	
JTRC299	12	13	NMP619964	20.3	48425	3	0.0	137	32	X	1	3	1	1	16.5	29	3	6	0	0.59	32	0	0.2	11.0	7	0.2	21	18	0.1	6	13	3	14	29.3	5	5	58	2	0	24	0.7	0	3	87	13	7	2	175	
JTRC299	13	14	NMP619965	15.1	19061	11	0.0	649	160	X	1	7	3	3	9.2	19	6	3	1	1.68	64	1	0.1	36.0	10	0.4	12	56	0.1	18	19	2	19	18.2	13	3	64	1	1	15	0.4	1	6	30	9	14	4	100	
JTRC299	14	15																																															



Hole ID	mFrom	mTo	SampleID	Al2O3	Ba	Be	CaO	Ce	Co	Cr	Cs	Dy	Er	Eu	Fe2O3	Ga	Gd	Hf	Ho	K2O	La	Lu	MgO	MnO	Mo	Na2O	Nb	Nd	P2O5	Pr	Rb	Sb	Sc	SiO2	Sm	Sn	Sr	Ta	Tb	Th	TiO2	Tm	U	V	W	Y	Yb	Zr	
				%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
JTRC299	68	69	comp20231377	13.4	758	4	0.0	140	37	58	9	10	5	3	11.9	18	13	4	2	3.46	107	1	1.9	1.6	3	0.1	13	87	0.1	25	209	1	11	62.5	16	3	24	1	2	19	0.5	1	5	70	3	58	5	136	
JTRC299	69	70	comp20231377	13.4	758	4	0.0	140	37	58	9	10	5	3	11.9	18	13	4	2	3.46	107	1	1.9	1.6	3	0.1	13	87	0.1	25	209	1	11	62.5	16	3	24	1	2	19	0.5	1	5	70	3	58	5	136	
JTRC299	70	71	comp20231378	8.2	234	3	0.3	84	21	41	4	13	8	3	21.4	10	13	2	3	1.82	75	1	1.9	1.0	1	0.3	8	68	0.4	18	115	1	X	58.3	13	2	59	1	2	11	0.3	1	3	50	3	98	7	78	
JTRC299	71	72	comp20231378	8.2	234	3	0.3	84	21	41	4	13	8	3	21.4	10	13	2	3	1.82	75	1	1.9	1.0	1	0.3	8	68	0.4	18	115	1	X	58.3	13	2	59	1	2	11	0.3	1	3	50	3	98	7	78	
JTRC299	72	73	comp20231379	6.4	103	2	1.2	68	11	31	1	5	3	1	23.4	8	5	2	1	0.5	30	0	1.9	0.3	1	0.3	6	27	0.8	7	34	1	X	57.9	5	2	12	1	1	9	0.3	0	2	41	1	29	2	60	
JTRC299	73	74	comp20231379	6.4	103	2	1.2	68	11	31	1	5	3	1	23.4	8	5	2	1	0.5	30	0	1.9	0.3	1	0.3	6	27	0.8	7	34	1	X	57.9	5	2	12	1	1	9	0.3	0	2	41	1	29	2	60	
JTRC299	74	75	comp20231380	4.6	87	1	1.2	49	6	24	1	3	2	1	27.8	6	3	1	1	0.3	21	0	1.5	0.3	1	0.3	5	17	0.7	5	23	1	X	55.0	3	1	10	0	1	6	0.2	0	2	29	1	22	2	43	
JTRC299	75	76	comp20231380	4.6	87	1	1.2	49	6	24	1	3	2	1	27.8	6	3	1	1	0.3	21	0	1.5	0.3	1	0.3	5	17	0.7	5	23	1	X	55.0	3	1	10	0	1	6	0.2	0	2	29	1	22	2	43	
JTRC299	76	77	comp20231381	3.6	91	1	1.3	48	7	20	2	3	2	1	31.9	5	3	1	1	0.22	20	0	1.4	0.2	X	0.4	4	18	0.9	5	30	2	X	49.3	3	1	11	0	1	5	0.1	0	2	22	1	27	2	37	
JTRC299	77	78	comp20231381	3.6	91	1	1.3	48	7	20	2	3	2	1	31.9	5	3	1	1	0.22	20	0	1.4	0.2	X	0.4	4	18	0.9	5	30	2	X	49.3	3	1	11	0	1	5	0.1	0	2	22	1	27	2	37	
JTRC300	0	1	comp20231382	4.5	150	X	0.5	17	3	23	1	1	1	0	3.5	5	1	7	0	0.48	7	0	0.4	0.1	X	0.2	4	7	0.0	2	25	X	X	87.4	1	X	45	0	0	4	0.2	0	1	22	1	7	1	264	
JTRC300	1	2	comp20231382	4.5	150	X	0.5	17	3	23	1	1	1	0	3.5	5	1	7	0	0.48	7	0	0.4	0.1	X	0.2	4	7	0.0	2	25	X	X	87.4	1	X	45	0	0	4	0.2	0	1	22	1	7	1	264	
JTRC300	2	3	comp20231383	3.9	136	X	3.5	16	3	23	1	1	1	0	2.7	4	1	4	0	0.41	7	0	1.1	0.1	X	0.2	3	6	X	2	20	X	X	81.9	2	1	122	0	0	4	0.2	0	1	18	1	8	1	185	
JTRC300	3	4	comp20231383	3.9	136	X	3.5	16	3	23	1	1	1	0	2.7	4	1	4	0	0.41	7	0	1.1	0.1	X	0.2	3	6	X	2	20	X	X	81.9	2	1	122	0	0	4	0.2	0	1	18	1	8	1	185	
JTRC300	4	5	620041	3.5	220	X	6.6	23	4	21	1	2	1	0	3.9	5	2	4	0	0.36	12	0	3.0	0.2	X	0.2	4	11	X	3	15	X	X	72.5	2	X	298	0	0	4	0.2	0	1	27	X	10	1	146	
JTRC300	5	6	comp20231384	8.5	842	1	1.0	46	8	65	2	2	1	0	15.5	13	2	4	0	0.68	15	0	0.7	0.6	1	0.3	8	12	0.1	3	35	1	X	65.6	2	2	89	1	0	11	0.4	0	2	69	4	9	1	157	
JTRC300	6	7	comp20231384	8.5	842	1	1.0	46	8	65	2	2	1	0	15.5	13	2	4	0	0.68	15	0	0.7	0.6	1	0.3	8	12	0.1	3	35	1	X	65.6	2	2	89	1	0	11	0.4	0	2	69	4	9	1	157	
JTRC300	7	8	comp20231385	16.7	300	X	0.1	12	2	94	1	1	1	0	34.1	31	1	8	0	0.18	5	0	0.3	0.1	4	0.4	20	3	0.0	1	10	3	10	34.2	1	8	18	2	0	32	0.9	0	3	130	6	7	1	282	
JTRC300	8	9	comp20231385	16.7	300	X	0.1	12	2	94	1	1	1	0	34.1	31	1	8	0	0.18	5	0	0.3	0.1	4	0.4	20	3	0.0	1	10	3	10	34.2	1	8	18	2	0	32	0.9	0	3	130	6	7	1	282	
JTRC300	9	10	comp20231386	20.7	102	X	0.0	17	2	102	1	2	1	0	34.7	38	1	9	0	0.18	10	0	0.1	0.1	4	0.2	26	5	0.0	2	9	3	13	32.8	1	7	8	2	0	33	1.2	0	3	141	7	11	2	317	
JTRC300	10	11	comp20231386	20.7	102	X	0.0	17	2	102	1	2	1	0	34.7	38	1	9	0	0.18	10	0	0.1	0.1	4	0.2	26	5	0.0	2	9	3	13	32.8	1	7	8	2	0	33	1.2	0	3	141	7	11	2	317	
JTRC300	11	12	620048	22.0	77	1	0.0	12	1	127	1	1	1	0	30.4	43	1	9	0	0.63	6	0	0.1	0.1	2	0.2	28	4	0.0	1	31	3	16	35.0	1	9	7	3	0	37	1.4	0	4	159	6	8	1	321	
JTRC300	12	13	620049	22.9	97	1	0.2	9	X	91	1	2	1	0	20.5	39	1	10	0	1.16	3	0	0.2	0.0	X	0.2	35	2	0.0	1	47	2	16	43.9	1	10	22	4	0	35	1.3	0	4	171	3	11	2	331	
JTRC300	13	14	comp20231387	26.4	127	1	0.0	11	1	73	1	2	2	0	18.5	44	1	11	1	1.66	6	0	0.1	0.0	X	0.2	32	4	0.0	1	60	2	21	41.1	1	9	21	3	0	34	1.6	0	5	191	4	13	2	415	
JTRC300	14	15	comp20231387	26.4	127	1	0.0	11	1	73	1	2	2	0	18.5	44	1	11	1	1.66	6	0	0.1	0.0	X	0.2	32	4	0.0	1	60	2	21	41.1	1	9	21	3	0	34	1.6	0	5	191	4	13	2	415	
JTRC300	15	16	comp20231388	23.3	131	1	0.0	7	X	71	1	1	1	0	11.4	30	1	7	0	1.27	2	0	0.1	0.0	X	0.2	23	2	X	1	50	1	15	52.8	1	6	16	2	0	23	1.2	0	4	125	3	8	2	258	
JTRC300	16	17	comp20231388	23.3	131	1	0.0	7	X	71	1	1	1	0	11.4	30	1	7	0	1.27	2	0	0.1	0.0	X	0.2	23	2	X	1	50	1	15	52.8	1	6	16	2	0	23	1.2	0	4	125	3	8	2	258	
JTRC300	17	18	comp20231389	19.8	111	1	0.0	4	X	63	1	1	1	0	10.2	23	0	5	0	0.92	1	0	0.1	0.0	X	0.1	14	1	X	0	45	2	14	60.8	0	5	11	2	0	17	0.8	0	2	78	3	5	1	164	
JTRC300	18	19	comp20231389	19.8	111	1	0.0	4	X	63	1	1	1	0	10.2	23	0	5	0	0.92	1	0	0.1	0.0	X	0.1	14	1	X	0	45	2	14	60.8	0	5	11	2	0	17	0.8	0	2	78	3	5	1	164	
JTRC300	19	20	comp20231390	21.4	97	1																																											

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Hole ID	mFrom	mTo	SampleID	Al2O3 %	Ba ppm	Be ppm	CaO %	Ce ppm	Co ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 %	Ga ppm	Gd ppm	Hf ppm	Ho ppm	K2O %	La ppm	Lu ppm	MgO %	MnO %	Mo ppm	Na2O %	Nb ppm	Nd ppm	P2O5 %	Pr ppm	Rb ppm	Sb ppm	Sc ppm	SiO2 %	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 %	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zr ppm
JTRC300	73	74	620115	5.5	5918	11	0.0	322	95	21	11	20	12	5	36.9	6	23	2	5	0.4	153	2	0.3	4.2	4	0.1	6	144	0.6	39	56	3	X	44.0	30	2	31	1	4	7	0.2	2	17	46	4	186	10	53
JTRC300	74	75	620116	5.3	4453	12	0.0	190	55	35	1	32	16	11	38.5	7	47	1	6	0.15	270	2	0.1	2.5	3	0.1	5	335	0.7	86	9	3	X	45.0	59	2	58	1	6	7	0.2	2	14	39	2	153	13	51
JTRC300	75	76	620117	9.8	1124	5	0.0	99	17	55	9	18	10	5	17.8	14	21	3	4	0.72	91	1	0.5	0.7	1	0.1	10	124	0.3	32	120	1	X	63.3	24	3	16	1	3	13	0.4	2	3	45	2	85	9	101
JTRC300	76	77	620118	8.5	1382	7	0.0	99	29	45	16	31	18	6	21.7	11	33	2	6	0.75	96	2	0.5	1.1	2	0.2	9	146	0.3	36	171	1	X	61.6	29	2	10	1	5	11	0.3	3	3	50	2	153	16	86
JTRC300	77	78	620119	13.3	4745	8	0.0	146	63	21	5	46	27	8	18.1	17	55	4	10	0.32	164	3	0.2	3.7	3	0.2	14	196	0.3	45	42	2	11	54.6	38	3	20	1	8	17	0.5	4	5	68	6	211	21	124
JTRC300	78	79	620121	5.4	3188	8	0.0	257	61	30	1	27	14	6	39.6	11	28	2	5	0.15	71	2	0.1	3.5	7	0.1	6	138	0.3	32	14	4	X	44.2	30	2	11	1	4	6	0.2	2	10	98	3	113	14	54
JTRC300	79	80	620122	6.4	2096	6	0.0	170	140	30	2	95	66	12	38.4	12	81	2	23	0.3	153	7	0.2	2.5	5	0.1	8	252	0.3	57	30	2	X	45.4	54	2	12	1	13	8	0.3	9	11	88	3	561	48	67
JTRC300	80	81	620123	5.9	3388	7	0.0	102	40	46	1	24	13	5	29.3	10	27	2	5	0.25	72	2	0.1	3.3	3	0.1	7	124	0.3	28	11	2	X	55.0	26	2	11	1	4	8	0.3	2	6	55	9	101	11	56
JTRC300	81	82	620124	13.4	5350	8	0.0	116	40	X	1	26	15	5	11.5	19	29	4	5	0.7	86	2	0.1	4.6	2	0.2	14	114	0.2	26	29	2	12	59.5	20	3	16	1	4	18	0.6	2	3	37	8	117	12	123
JTRC300	82	83	620126	11.9	3265	7	0.0	107	22	55	7	14	10	2	18.3	17	15	3	4	1.09	61	1	0.4	2.9	X	0.2	12	48	0.3	12	73	2	10	56.2	9	3	21	1	2	15	0.5	1	4	89	6	115	7	112
JTRC300	83	84	620127	12.2	466	3	0.0	61	9	58	8	6	5	1	12.0	15	6	3	1	1.43	31	1	0.6	0.2	X	0.1	11	27	0.1	7	67	2	10	67.9	5	3	9	1	1	15	0.5	1	3	87	3	52	4	109