

ASX ANNOUNCEMENT

27 April 2023

More Significant Manganese Assays Follow 2023 Drilling Campaign

- Additional drill hole results from 30 holes, for a total of 69 of 94 holes received on Jamieson Tank drill campaign of 6,164 metres completed
- Significant manganese intercepts near surface and at depth
- Maiden Mineral Resource estimate planned by June 2023



Figure 1: RCP drill rig on location at Jamieson Tank in South Australia

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

The 2023 manganese exploration campaign designed to estimate a maiden Mineral Resource provides further significant assay results from the second batch of assays received by the Company.

The manganese grades achieved (**including 6m thickness**) at **18.0%Mn from 15m** are highly encouraging and based on previous metallurgical testwork (ASX 11 May 2022) indicate the ore is highly amenable to upgrade via beneficiation and conversion to a High Purity Manganese (HPM), battery grade product.

These second round of assay results reveal significant manganese intercepts near surface and extending to depth, as displayed in table A and illustrated in Figure 2. Full drill hole assays displayed in Appendix 3.

Hole ID	Metres (thickness)	Average %Mn	From (Metres)
JTRC270	6	18.0	15
JTRC269	4	18.0	27
JTRC265	4	20.2	69
JTRC256	6	18.3	75
JTRC266	3	14.2	53
JTRC275	6	12.1	59
JTRC259	8	11.5	56

Table A: Significant Intercepts

The significant intercepts (averaged from 1m samples) have been reported from raw assays of a minimum of 10% Mn and 3m thickness. The significant intercepts are from a total of 2067 sample assays returned from 94 drill holes. Assays from the remaining 25 drill holes are pending.

CEO Mark Tory commented: "These second-round results complement the higher grades returned from our first results from the recently completed drilling campaign. The results will integrate to the maiden Mineral Resource estimation, which will be used to support the potential to achieve a beneficiation plant feed of manganese, ultimately destined for the global battery grade manganese market. Noting these results include higher manganese grades commensurate to the first round of assay results and at depths extending beneath the previous drilling extent of mineralisation. The final assay results from the remaining 25 holes are pending and will be released to the market once received by the Company."

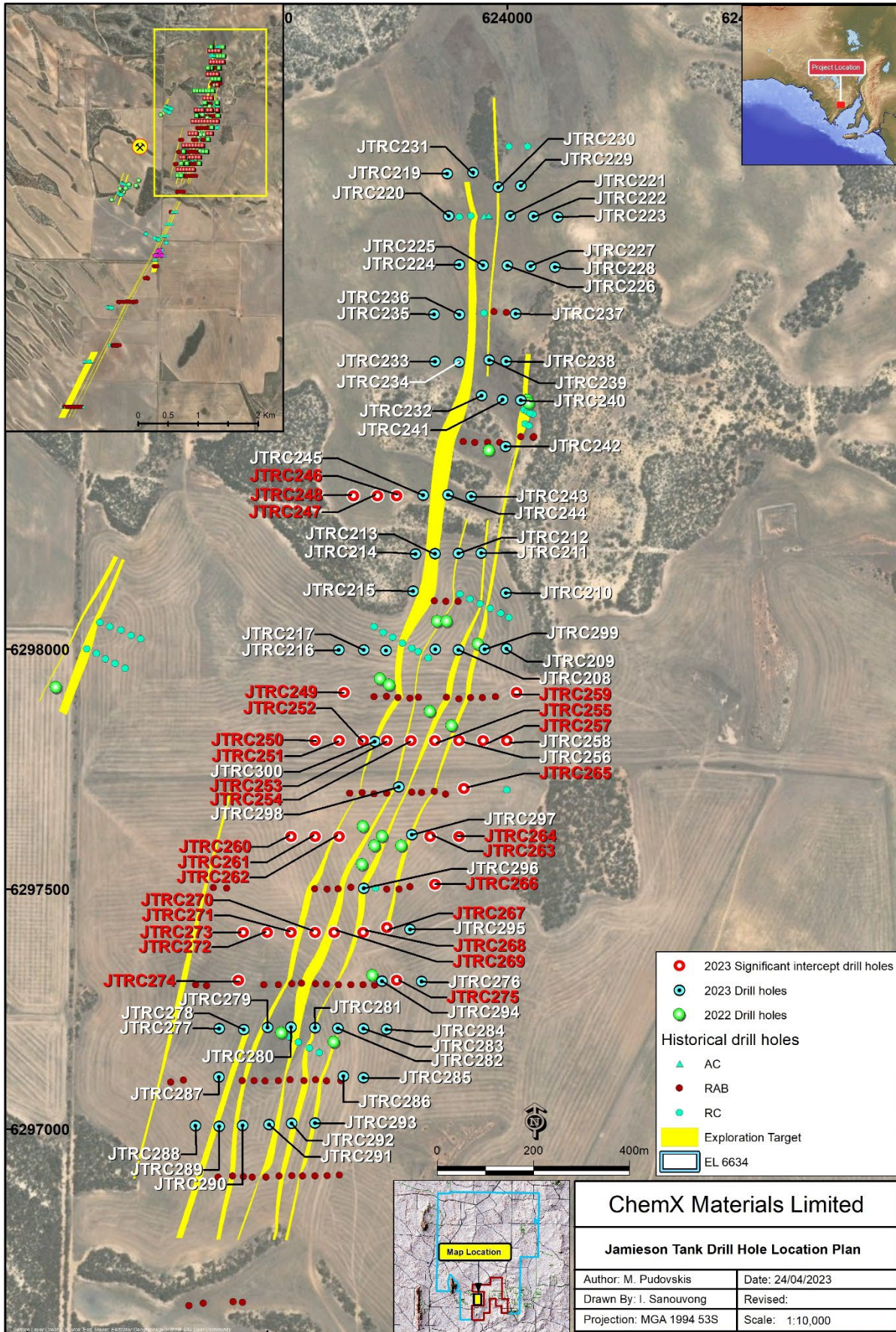


Figure 2: Jamieson Tank drill hole and Exploration Target location plan

ENDS

This Announcement has been authorised for release by the Board.

For enquiries:**Mark Tory**

Chief Executive Officer

ChemX Materials Ltd

Mark@chemxmaterials.com.au

+61 488 188 638

Stephen Strubel

Executive Director and Company Secretary

ChemX Materials Ltd

Stephen@chemxmaterials.com.au

+61 404 400 785

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

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.

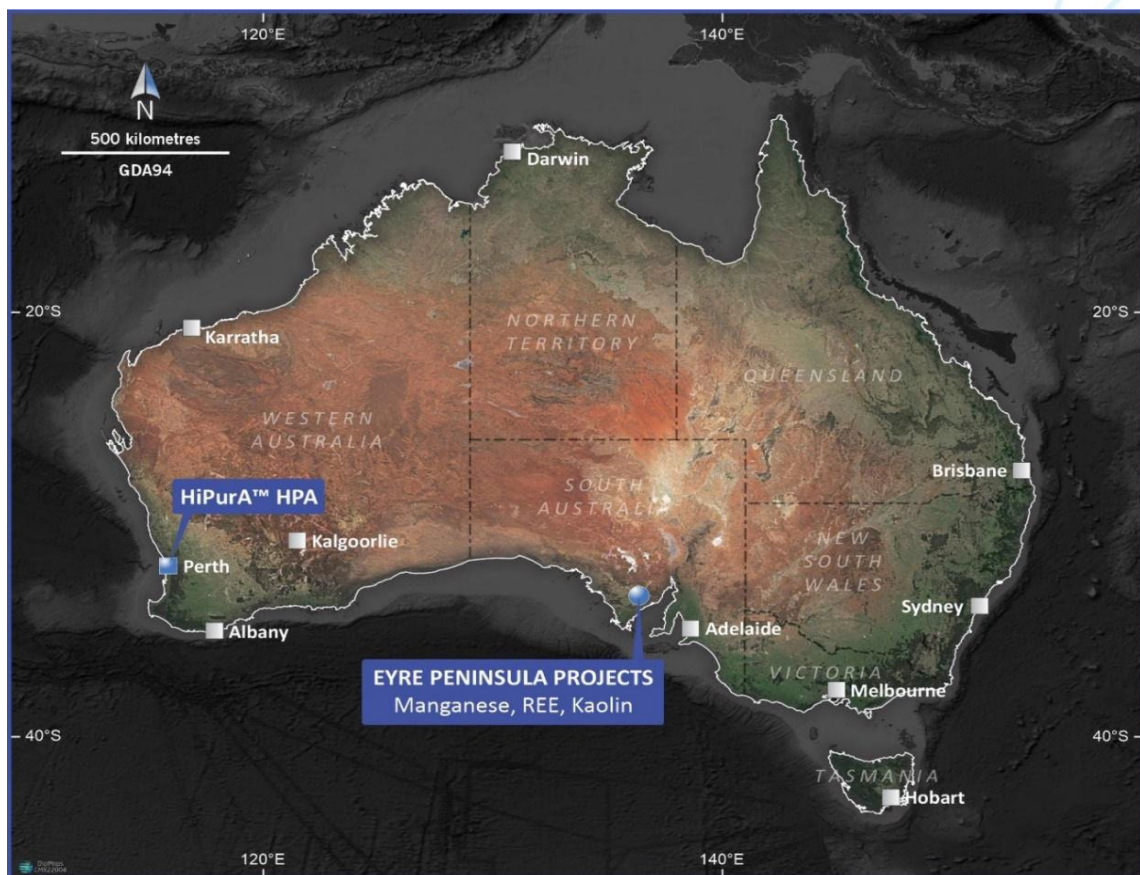


Figure 3: ChemX Project Locations

Appendix 1 – JORC Table 1

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> 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. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. "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. 	<p>The drill samples used in reporting the Exploration Results were obtained through reverse circulation percussion (RCP) methods.</p> <p>2022 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> 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. Samples coming from the cyclone were monitored for contamination. If detected, the cyclone was cleaned to ensure sample integrity. 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. <p>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.</p> <p>Historical Work 2005 to 2013 (Monax Mining)</p> <ul style="list-style-type: none"> 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. Composite samples were collected by taking representative grab samples from individual metres. <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"> 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, 	<p>2023 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> The drilling was completed by Durock Drilling with an RCP drill rig equipped with 5.625" faced sampling hammer and 4.5" drill rods.

Criteria	JORC Code explanation	Commentary
	<i>whether core is oriented and if so, by what method, etc.).</i>	<ul style="list-style-type: none"> The drill holes were angled -60 degrees, at a nominal azimuth of 270°. <p>Historical Work 2005 to 2013 (Monax Mining)</p> <ul style="list-style-type: none"> All references are to most holes were drilled as Rotary Air bore (RAB) with a smaller number as Air Core (AC) drilling. <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"> <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> <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> 	<p>2023 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> 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. 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. There were no water table intersects or sub-terrain ephemerals. There is no evidence to suggest any bias sample recovery and grade. <p>Historical Work 2005 to 2013 (Monax Mining)</p> <ul style="list-style-type: none"> The recovery of the historical drilling was not reported. <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"> <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> 	<p>2023 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> The 1m intervals were logged as drilled based upon the samples laid-out in rows in the plastic bags.

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> • <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i> • <i>The total length and percentage of the relevant intersections logged.</i> 	<ul style="list-style-type: none"> • All logged intervals were representatively sampled and stored in chip tray, recording Hole ID and respective metres. • The intervals were logged according to lithology, sample colour, colour intensity, texture, weathering, lithology and visual estimate of % Mn. • All intervals were logged broadly based on qualitative and quantitative characteristics. <p>Historical Work 2005 to 2013 (Monax Mining)</p> <ul style="list-style-type: none"> • The chip samples were logged in a qualitative and quantitative manner, to a level of detail appropriate for reporting an Exploration Result <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>
<p><i>Subsampling techniques and sample preparation</i></p>	<ul style="list-style-type: none"> • <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> • <i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i> • <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> • <i>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</i> • <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> • <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i> 	<p>2023 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> • 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. • Field duplicates were collected every approximate 25th 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. • Certified Reference Material (CRM) standards were inserted as every 50th sample. • A blank sample was inserted as every 50th sample. • 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. • The CP does not consider there is any bias in the sampling process. <p>Historical Work 2005 to 2013 (Monax Mining)</p>

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> 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. <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"> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 	<p>2023 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> All samples were prepared and assayed by Intertek Genalysis Adelaide for an extended suite (45) of elements and oxides. Sample preparation consisted of a lithium metaborate / tetraborate fusion analysed by ICP-MS. Intertek Genalysis Adelaide completed internal QAQC assay procedures comprising appropriate blanks and standards. No material issues were identified in the laboratory QAQC. 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. <p>Historical Work 2005 to 2013 (Monax Mining)</p> <ul style="list-style-type: none"> 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"> AT/MS: Multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids in Teflon Tubes. Analysed by Inductively Coupled Plasma Mass Spectrometry

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> ○ 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 ○ FA25/SAAS: 25g Lead collection fire assay. Elements by solvent extraction and Flame Atomic Absorption Spectrometry <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"> • <i>The verification of significant intersections by either independent or alternative company personnel.</i> • <i>The use of twinned holes.</i> • <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> • <i>Discuss any adjustment to assay data.</i> 	<p>2023 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> • The verification of sampling was completed on site by the CP during January 2023.. • Twin drilling is not relevant as a verification of sampling of manganese. • 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. • There has been no adjustment to the primary assay data. <p>Historical Work 2005 to 2013 (Monax Mining)</p> <ul style="list-style-type: none"> • No verification or adjustments to the assays have been made. • Twinning is not appropriate for the style of mineralisation <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"> • <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> • <i>Specification of the grid system used.</i> • <i>Quality and adequacy of topographic control.</i> 	<p>2023 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> • 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° • The drillholes were not downhole surveyed due to the relatively shallow depths.

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> A LIDAR survey was flown to establish a highly accurate topographic control. <p>Historical Work 2005 to 2013 (Monax Mining)</p> <ul style="list-style-type: none"> Drill collar positioning coordinates were measured using a handheld Garmin global positioning system unit in coordinate system MGA 94 53S. <p>The CP considers that the accuracy of the survey was appropriate for reporting an Exploration Result.</p>
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> <i>Data spacing for reporting of Exploration Results.</i> <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> <i>Whether sample compositing has been applied.</i> 	<p>2023 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> 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. 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. <p>Historical Work 2005 to 2013 (Monax Mining)</p> <ul style="list-style-type: none"> 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. No compositing has been applied. <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"> Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<p>2023 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> 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. Accordingly, inclined holes (60° degrees) were drilled on a nominal 270° azimuth to test the possible shape and orientation of the lenses or pods. The relationship between the drilling orientation and the orientation of key mineralised structures is not considered to have introduced a sampling bias. <p>Historical Work 2005 to 2013 (Monax Mining)</p> <ul style="list-style-type: none"> 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) <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"> The measures taken to ensure sample security. 	<p>2023 Drill Programme (ChemX Materials)</p> <ul style="list-style-type: none"> Samples as captured from the drill rig were aligned in rows and immediately folded over to prevent ingress of moisture or foreign matter. 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. 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. Assay results (as received) have also been catalogued against retained mineralised samples to ensure accurate representation of stored mineralised materials.

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> • Non-mineralised materials were returned to the hole capped and remediated. <p>Historical Work 2005 to 2013 (Monax Mining)</p> <ul style="list-style-type: none"> • All residual sample material was stored securely. <p>The CP considers that the sample security does not pose any risk for the reporting of an Exploration Result.</p>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> • <i>The results of any audits or reviews of sampling techniques and data.</i> 	<ul style="list-style-type: none"> • 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.

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"> • <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> • <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> 	<ul style="list-style-type: none"> • The Project comprises licences EL6634 and EL5920, colloquially named Carapee Hill. • EL6634 is located approximately 20km SSW of Kimba (Legal Area 664km²), and EL5920 approximately 60km NW of Cowell (Legal Area 54km²), with the tenements being held 100% by ChemX Materials Ltd. • No Native Title has been registered. • 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. • Within the tenements are MPL150 (within EL5920) and MPL151 (within both EL6634 & 5020). These are registered to Pirie Resources P/L as part of their Campoona Graphite project. • EML6324, covering 5.6 Ha, is a private mine registered for sand production within EL6634. • 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.
<p><i>Exploration done by other parties</i></p>	<ul style="list-style-type: none"> • <i>Acknowledgment and appraisal of exploration by other parties.</i> 	<ul style="list-style-type: none"> • 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. • The most meaningful manganese focused exploration was completed by Monax Mining between 2005 to 2013. • 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.

- 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
	1,132	58,130.3		

<p><i>Geology</i></p>	<ul style="list-style-type: none"> • <i>Deposit type, geological setting and style of mineralisation.</i> 	<ul style="list-style-type: none"> • 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. • 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 • The geology of the exploration licence has been described in detail in the various Annual Technical Reports by Monax Mining Limited (Monax)
<p><i>Drill hole information</i></p>	<ul style="list-style-type: none"> • <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"> ○ <i>Easting and northing of the drill hole collar</i> ○ <i>Elevation or RL (Reduced Level – Elevation above sea level in metres) of the drill hole collar</i> ○ <i>Dip and azimuth of the hole</i> ○ <i>Downhole length and interception depth</i> ○ <i>Hole length.</i> • <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> 	<ul style="list-style-type: none"> • Details of the drill holes completed in 2023 which underpin this Exploration Result are included in Appendix 3 of this release.

<p><i>Data aggregation methods</i></p>	<ul style="list-style-type: none"> • <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> • <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> • <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i> 	<ul style="list-style-type: none"> • No grade cuts were applied the reported Exploration Results. • Metal equivalents are not being reported.
<p><i>Relationship between mineralisation widths and intercept lengths</i></p>	<ul style="list-style-type: none"> • <i>These relationships are particularly important in the reporting of Exploration Results.</i> • <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i> • <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> 	<ul style="list-style-type: none"> • The results interpreted for the Exploration Result on Jamieson Tank suggests drilling has intersected the mineralisation at a relatively high angle.
<p><i>Diagrams</i></p>	<ul style="list-style-type: none"> • <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> 	<ul style="list-style-type: none"> • A significant discovery is not being reported. • A Jamieson Tank drill hole location plan is included as Figure 2.
<p><i>Balanced reporting</i></p>	<ul style="list-style-type: none"> • <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> 	<ul style="list-style-type: none"> • Significant intercepts are presented in the body of this ASX release
<p><i>Other substantive exploration data</i></p>	<ul style="list-style-type: none"> • <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> 	<ul style="list-style-type: none"> • 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). • ChemX has not completed any other substantive exploration. • Historical exploration data was completed originally by Monax Mining, primarily and between 2005 to 2012.

	<i>characteristics; potential deleterious or contaminating substances.</i>	
<i>Further work</i>	<ul style="list-style-type: none"> <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> <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> 	<ul style="list-style-type: none"> A Mineral Resource estimate for the Jamieson Tank is in progress. 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. 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.

Appendix 2 – Drill Hole Collars

Hole ID	Hole Type	Hole Size (RC)	Hole Depth m	Surveyed Elevation	Easting	Northing	Azimuth	Dip
JTRC246	RC	142.9	72.0	259.7	623770	6298320	270.0	-60.0
JTRC247	RC	142.9	60.0	258.3	623730	6298320	270.0	-60.0
JTRC248	RC	142.9	60.0	258.0	623680	6298320	270.0	-60.0
JTRC249	RC	142.9	90.0	268.7	623660	6297910	270.0	-60.0
JTRC250	RC	142.9	66.0	266.1	623600	6297810	270.0	-60.0
JTRC251	RC	142.9	78.0	263.4	623650	6297810	270.0	-60.0
JTRC252	RC	142.9	60.0	262.6	623700	6297810	270.0	-60.0
JTRC253	RC	142.9	60.0	263.1	623750	6297810	270.0	-60.0
JTRC254	RC	142.9	78.0	264.2	623800	6297810	270.0	-60.0
JTRC255	RC	142.9	72.0	265.7	623850	6297810	270.0	-60.0
JTRC256	RC	142.9	84.0	266.7	623900	6297810	270.0	-60.0
JTRC257	RC	142.9	60.0	267.8	623950	6297810	270.0	-60.0
JTRC258	RC	142.9	60.0	268.9	624000	6297810	270.0	-60.0
JTRC259	RC	142.9	72.0	273.2	624020	6297910	270.0	-60.0
JTRC260	RC	142.9	60.0	258.0	623550	6297610	270.0	-60.0
JTRC261	RC	142.9	72.0	259.7	623600	6297610	270.0	-60.0
JTRC262	RC	142.9	66.0	262.1	623650	6297610	270.0	-60.0
JTRC263	RC	142.9	60.0	270.8	623840	6297610	270.0	-60.0
JTRC264	RC	142.9	78.0	272.6	623900	6297610	270.0	-60.0
JTRC265	RC	142.9	78.0	267.8	623910	6297710	270.0	-60.0
JTRC266	RC	142.9	66.0	272.8	623850	6297510	270.0	-60.0
JTRC267	RC	142.9	60.0	272.4	623750	6297420	270.0	-60.0
JTRC268	RC	142.9	60.0	268.9	623700	6297410	270.0	-60.0
JTRC269	RC	142.9	72.0	266.1	623640	6297410	270.0	-60.0
JTRC270	RC	142.9	60.0	264.4	623600	6297410	270.0	-60.0
JTRC271	RC	142.9	60.0	263.5	623550	6297410	270.0	-60.0
JTRC272	RC	142.9	72.0	262.6	623500	6297410	270.0	-60.0
JTRC273	RC	142.9	84.0	261.5	623450	6297410	270.0	-60.0
JTRC274	RC	142.9	72.0	270.7	623440	6297310	270.0	-60.0
JTRC275	RC	142.9	78.0	277.0	623770	6297310	270.0	-60.0

Grid coordinates MGA94 53E

Appendix 3 - Interim Drill Assay Results

Hole ID	mFrom	mTo	SampleID	Al2O3		Ca	Co	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	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		
JTRC249	62	63	202302736	10.4	2067.3	3.7	0.05	71.2	19.8	62	64.5	6.6	6	1	18.1	13.6	4.7	3.6	1.6	3.33	29.7	1	1.64	1.22	X	0.2	10.8	25.3	0.21	6.9	5474.7	1.7	X	59.0	4.9	2	26.9	0.8	0.8	10.7	0.47	0.9	1.3	57	4	84.5	6	140
JTRC249	63	64	202302737	5.8	2048.5	3.9	0.04	57.6	22.1	53	33.7	6.8	7.1	0.9	24.8	8.1	4.7	1.9	2	1.93	22.2	1.1	1.19	1.53	X	0.16	6.8	19.9	0.17	5	5743.1	1.4	X	59.8	3.7	X	26.3	0.5	0.9	7.4	0.23	1.1	1.2	51	7	109.4	7.3	69
JTRC249	64	65	202302738	8.8	867.2	6.3	0.06	77.1	13.3	52	29.8	12.3	11.5	1.4	33.3	11.3	8.7	2.5	3.3	2.13	42.9	1.9	2.58	0.27	X	0.33	9.6	3.4	0.33	8.9	5775.2	2	X	43.9	6.7	2	31.8	0.7	1.5	12.5	0.34	1.7	1.8	57	8	167.8	11.7	86
JTRC249	65	66	202302739	6.4	1298.5	7.2	0.06	62.2	25.8	48	17.1	30.8	28.9	1.6	24.7	7.2	15	1.8	8.7	1.41	28.3	4	1.57	1.38	2	0.22	6.9	23.1	0.34	6.3	6334.4	2.2	X	59.0	5.8	1	30.2	0.5	3.2	8.4	0.24	4	1.7	44	6	327.7	25	63
JTRC249	66	67	202302741	5.4	2552.7	11.3	0.08	80.6	35.9	35	15	15.5	11.7	1.5	28.8	7.2	10.2	1.7	3.7	1.5	34.2	1.7	1.42	5.21	X	0.26	14	27.6	0.44	7.3	319	2.3	X	49.8	6.1	X	49.7	0.5	1.9	12.3	0.23	1.7	2.1	37	16	121.1	11	59
JTRC249	67	68	202302742	5.7	1572.1	9.2	0.06	61.8	26.5	38	11.9	12.9	10.2	1.2	28.8	8.4	1.8	3.4	1.12	23.3	1.5	1.22	2.61	X	0.2	6.6	19.8	0.36	5.4	2765.1	1.4	X	54.2	4.5	X	25.8	0.5	1.6	7.2	0.24	1.5	2.1	52	5	101.6	9.9	57	
JTRC249	68	69	202302743	4.8	1162.0	7.7	0.08	64.6	20.5	25	8.1	11.2	9.4	1.1	30.9	7.7	8.6	1.5	2.9	0.99	25.9	1.1	1.23	1.7	X	0.23	5.4	22.5	0.28	5.8	198	1.3	X	54.4	4.9	X	17.6	0.4	1.3	6.4	0.18	1.4	1.9	47	4	108.2	7.8	47
JTRC249	69	70	202302744	5.5	534.4	5.8	0.07	58.8	15	25	10.9	12.2	10.9	1	25.3	7.6	8	1.5	3.3	1.56	25.5	1.3	1.73	0.42	X	0.24	6	21	0.22	5.7	289.6	1.2	X	59.3	4.9	X	3.5	0.4	1.5	7.5	0.21	1.5	1.6	29	4	138.4	8.8	52
JTRC249	70	71	202302745	7.8	2109.7	8.7	0.07	76.5	19.4	39	17.9	7.7	5.5	1.1	21.4	9.3	6.5	2.1	1.9	2.31	33.4	0.8	2.14	1.11	X	0.27	9.2	26.2	0.3	7.3	387.7	2.2	X	58.4	4.9	2	15	0.7	1.1	11	0.31	0.8	1.6	47	5	57.9	4.8	74
JTRC249	71	72	202302746	5.7	1388.3	8.3	0.05	72.9	21.3	44	14.1	11.9	10.2	1.3	26.1	8.6	9.1	1.8	3.1	0.87	31	1.4	0.88	1.03	1	0.15	6.7	28.3	0.42	7.2	2064.2	2.3	X	59.9	6.2	X	15.9	0.5	1.6	7.7	0.21	1.4	2.4	55	7	106	9.3	60
JTRC249	72	73	202302747	6.7	1998.6	8.8	0.05	85.2	30.6	69	40.9	13.3	10.7	1.5	38.6	10.7	9.5	1.8	3.2	1.55	39	1.6	1.59	1.47	X	0.17	7.8	34.1	0.44	8.6	447.2	2.9	X	43.8	6.8	X	21.3	0.5	1.7	8.9	0.25	1.7	3.1	82	12	104	10.9	67
JTRC249	73	74	202302748	10.4	4028.1	4.8	0.05	79	24.7	75	60.8	9.3	6.9	1.3	24.6	15	7.9	3.4	2.2	3.02	48	1	2.07	1.17	X	0.18	11.2	37.9	0.25	10.4	6503.2	2	X	53.1	7	2	22.3	0.9	1.3	11.8	0.44	1.1	1.9	75	5	73.2	7.3	125
JTRC249	74	75	202302749	15.2	10536.8	7.9	0.07	130	43.8	49	50.5	19	13.8	2.1	14.5	21.9	15.2	5.2	4.5	3.01	51.9	1.9	1.95	5.75	1	0.29	19.4	44.3	0.29	11.8	593.1	3.7	13	48.8	9.5	4	21.9	1.3	2.5	20.3	0.64	2	2.6	69	17	114.8	12.9	174
JTRC249	75	76	202302751	14.6	6843.3	9.7	0.09	178.1	45.1	59	37.6	22.3	18.8	2.6	15.8	19.2	17.2	4.8	5.8	1.92	83.8	2.8	1.33	34.1	2	0.24	18.6	70.2	0.41	19	3767.5	5.3	13	52.6	13.2	4	28.2	1.4	2.9	19.4	0.62	2.7	5.2	85	16	204.2	17.5	160
JTRC249	76	77	202302752	10.1	8232.1	10.5	0.09	98.5	61.7	28	9.2	10.7	9.5	1.3	14.8	13.7	7.1	2.9	2.7	0.54	30.3	1.5	0.49	5.23	3	0.2	12.2	26.2	0.4	7.3	1009.8	3	X	58.7	5.2	2	18.1	0.8	1.3	13.5	0.41	1.4	4.8	73	15	81.7	8.9	101
JTRC249	77	78	202302753	10.1	12294.2	9.5	0.08	96.4	62.8	43	2.6	9.5	8.9	1.1	18.4	13.5	6.6	3.1	2.6	0.38	28	1.3	0.24	6.8	1	0.18	11.4	23.2	0.38	6.3	43.1	2.6	X	53.9	4.3	2	17	0.9	1.1	13	0.42	1.3	3.3	54	8	68.2	8.3	109
JTRC249	78	79	202302754	4.5	1432.2	6.9	0.06	56.6	73.9	43	2.4	6.9	6.2	0.6	36.1	5.8	4.2	1	1.9	0.18	18.9	1	0.16	1.79	X	0.11	4.8	16	0.28	4.3	48.2	1.3	X	53.5	2.9	X	7.4	0.3	0.9	5.3	0.15	1	1.9	39	4	55.2	6.5	40
JTRC249	79	80	202302755	3.8	3492.2	8.3	0.08	55.4	29.7	32	13.3	8.5	7.4	0.8	28.1	6.3	5.4	1.1	2.3	0.44	18.3	1	0.35	3.79	1	0.11	4.5	16.2	0.28	4	96.2	1.2	X	60.0	3.4	X	19.7	0.3	1.1	4.8	0.15	1.1	1.8	29	3	73.7	6.6	39
JTRC249	80	81	202302756	7.0	1279.3	8.6	0.2	81.4	20.8	39	12.5	6.5	4.9	1.1	28.3	10	5.6	2	1.7	1.06	32	0.6	1.57	1.56	X	0.33	7.7	26.3	0.39	6.9	187.4	2.1	X	53.0	4.9	1	21.9	0.5	0.9	9.4	0.27	0.7	1.7	49	6	63.3	3.9	67
JTRC249	81	82	202302757	8.5	3758.7	4.5	0.41	75.8	20	37	11.3	4.6	2.7	1.1	21.4	11.9	4.7	2.3	1	1.45	32.5	0.3	3.14	3.41	X	0.63	9.1	25.6	0.33	6.9	152.7	1.4	X	50.9	4.9	1	41.8	0.7	0.8	11.5	0.33	0.4	1	23	5	31.4	2.4	84
JTRC249	82	83	202302758	6.9	3938.6	4.4	0.5	67.4	16.5	36	11.4	3.5	2.1	0.8	20.3	9.7	3.5	1.9	0.8	1.99	28.4	0.3	2.18	3.3	1	0.42	8.2	21.1	0.41	5.9	122	1.9	X	56.8	3.9	1	48.2	0.6	0.5	10.3	0.27	0.3	0.8	30	4	23.3	2.1	69
JTRC249	83	84	202302759	12.1	7215.7	2.3	0.48	90.3	18.8	41	10.8	4.3	2.5	1.1	12.8	15	5.1	3.6	0.9	3.07	44.7	0.3	3.45	1.88	X	0.84	12.1	33.3	0.2	9.6	130.4	1.8	X	52.6	5.9	3	30.1	1	0.7	15.3	0.45	0.4	1.1	33	4	27.1	2.5	122
JTRC249	84	85	202302760	7.7	649.7	2.8	0.51	76.9	16.4	43	14	3.5	2.3	0.9	22.5	10	3.9	2.3	0.8	1.88	31.8	0.3	3.34	0.32	X	0.6	8.2	24.2	0.35	7.1	185.5	2.5	X	54.0	4.6	1	8.5	0.7	0.6	10.7	0.29	0.3	0.9	44	6	23.2	2.2	78
JTRC249	85	86	202302761	5.5	540.4	2.3	0.61	65.8	11.8	29	8	3.5	1.9	0.8	24.0	7.2	3.3	1.6	0.7	1.95	24.7	0.2	1.76	0.5	X	0.21	5.7	19.8	0.47	5.4	142.2	1.2	X	63.1	3.6	X	9.4	0.4	0.5	7.3	0.21	0.3	0.8	34	6	21.5	1.7	55
JTRC249	86	87	202302762	5.6	2063.7	2.3	0.62	70.3	13.6	28	9	3.5	2.2	0.8	23.6	7.3	3.6	1.6	0.7	1.28	25.8	0.2	4.04	0.7	X	0.57	6.4	20.8	0.39	5.7	143.3	2.4	X	57.3	3.7	2	19.3	0.5	0.5	7.9	0.21	0.3	0.7	39	5	23.1	2	57
JTRC249	87	88	202302763	14.0	3406.5	1.7	1	109.7	21.7	53	10.6	4.3	2.5	1.2	9.2	19.1	4.8	3.9	0.9	6.19	45.1	0.3	5.72	0.92	X	0.86	13.5	35.9	0.13	9.9	236.7	2	12	54.3	6.2	3	55.5	1.1	0.8	18.2	0.56	0.4	0.7	38	1	24.7	2.5	127
JTRC249	88	89	202302764	14.4	1151.2	1.8	1.24	109.4	22.5	76	9.6	4.2	2.4	1.1	9.6	19.7	5.4	3.7	0.9	7.3	45.4	0.3	5.17	0.36	2	0.73	14.1	35.4	0.13	10.1	249.2	2.2	13	53.4	6.2	3	46.5	1.2	0.8	18.6	0.56	0.4	0.6	38	1	25.1	2.7	135
JTRC249	89	90	202302765	11.1	855.8	2.1	0.75	77.1	16.3	102	12.2	3.7	2.1	0.9	8.6	15.1	4.1	3	0.7	5.13	32.0	0.2	5.49	0.61	X	0.59	10.5	28	0.12	7.9	290	2.7	X	61.7	5.1	2	38.1	0.9	0.6	14.3	0.43	0.3	0.5	32	2	20	1.9	102
JTRC250	0	1	comp20230548	7.8	299.4	X	2.98	12.2	1.6	46	0.4	0.9	0.6	0.2	41.2	13	0.7	3.4	0.2	0.11	5.3	X	0.5	0.02	1	0.12	8.1	3.7	0.05	1.1	3.9	2.2	X	40.7	0.9	1	174.8	0.7	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	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
JTRC250	55	56	202302827	1.5	7160.3	3.2	0.02	53.8	20	X	0.2	2.6	1.7	0.6	33.2	2.3	2.4	0.5	0.5	0.08	14.6	0.2	0.06	4.37	6	0.06	2.2	14.7	0.16	3.4	3.1	2.1	X	58.0	2.6	X	7.2	0.1	0.4	1.7	0.05	0.2	3.7	21	18	17.6	2.1	18
JTRC250	56	57	202302828	1.8	5659.7	2.9	0.02	45.5	22.2	X	X	2.6	1.7	0.7	34.1	2.2	2.5	0.4	0.6	0.04	15.4	0.2	0.05	3.65	4	0.05	2.6	14.4	0.15	3.7	1.2	1.5	X	59.7	3.1	X	6.6	X	0.4	1.8	0.07	0.2	3.9	27	16	17.3	1.7	21
JTRC250	57	58	202302829	2.3	3803.9	2.9	0.02	38.6	15.6	X	0.4	2.8	1.9	0.6	35.1	3.5	2.8	0.7	0.6	0.02	16.2	0.2	0.06	2.19	2	0.05	2.8	15.0	0.15	4	2.1	1.8	X	57.1	2.8	X	1.8	0.2	0.4	2.2	0.1	0.3	3.4	18	21	20	1.7	25
JTRC250	58	59	comp20230566	5.4	6302.1	6.8	0.08	58.2	23.4	24	9	6.1	4	1.1	24.7	7.4	5.2	1.6	1.3	0.42	26.9	0.5	0.53	4.29	2	0.22	5.8	25	0.32	6.5	39.3	3.2	X	57.1	5	X	29.7	0.4	0.9	6.3	0.19	0.6	2.4	36	40	47.3	3.9	57
JTRC250	59	60	comp20230567	5.4	6302.1	6.8	0.08	58.2	23.4	24	9	6.1	4	1.1	24.7	7.4	5.2	1.6	1.3	0.42	26.9	0.5	0.53	4.29	2	0.22	5.8	25	0.32	6.5	39.3	3.2	X	57.1	5	X	29.7	0.4	0.9	6.3	0.19	0.6	2.4	36	40	47.3	3.9	57
JTRC250	60	61	comp20230568	3.3	1166.7	2	0.09	35.1	9.5	X	16.8	3.5	2.4	0.6	12.7	4.5	3.3	0.8	0.8	0.43	17.8	0.3	1.18	1.25	1	0.27	3.4	13.8	0.12	3.8	74.5	1.2	X	75.4	2.7	X	23.2	0.3	0.5	4.1	0.12	0.4	0.3	18	23	34.7	2	30
JTRC250	61	62	comp20230567	3.3	1166.7	2	0.09	35.1	9.5	X	16.8	3.5	2.4	0.6	12.7	4.5	3.3	0.8	0.8	0.43	17.8	0.3	1.18	1.25	1	0.27	3.4	13.8	0.12	3.8	74.5	1.2	X	75.4	2.7	X	23.2	0.3	0.5	4.1	0.12	0.4	0.3	18	23	34.7	2	30
JTRC250	62	63	comp20230568	1.4	2326.5	1.4	0.08	28.6	7.6	X	7.2	2.2	1.4	0.5	24.0	2.8	2.2	0.3	0.5	0.13	13.4	0.1	0.56	2.48	2	0.16	3.8	10.6	0.13	2.8	24.8	1.5	X	68.3	2.1	X	56.1	X	0.3	2	0.05	0.2	0.5	16	31	17.3	1.2	18
JTRC250	63	64	comp20230568	1.4	2326.5	1.4	0.08	28.6	7.6	X	7.2	2.2	1.4	0.5	24.0	2.8	2.2	0.3	0.5	0.13	13.4	0.1	0.56	2.48	2	0.16	3.8	10.6	0.13	2.8	24.8	1.5	X	68.3	2.1	X	56.1	X	0.3	2	0.05	0.2	0.5	16	31	17.3	1.2	18
JTRC250	64	65	comp20230569	3.8	6246.9	2.2	0.13	46.9	12	X	16.6	2.7	1.8	0.6	33.2	6.1	3	1	0.6	0.35	20.1	0.2	1.47	3.67	1	0.39	4.5	16.1	0.19	4.2	71.2	1.4	X	47.2	2.9	X	13.2	0.3	0.4	4.6	0.13	0.3	0.6	30	48	22.1	1.6	38
JTRC250	65	66	comp20230569	3.8	6246.9	2.2	0.13	46.9	12	X	16.6	2.7	1.8	0.6	33.2	6.1	3	1	0.6	0.35	20.1	0.2	1.47	3.67	1	0.39	4.5	16.1	0.19	4.2	71.2	1.4	X	47.2	2.9	X	13.2	0.3	0.4	4.6	0.13	0.3	0.6	30	48	22.1	1.6	38
JTRC251	0	1	202302838	3.2	1003.6	0.8	10.52	20	4.7	X	4.2	1.2	0.8	0.3	9.6	4.4	1.6	3.4	0.3	0.32	9.7	X	2.28	0.59	X	0.28	3.2	8.5	0.05	2.2	25.6	X	X	59.1	1.6	2	302.4	0.2	0.2	4.3	0.16	0.1	0.8	23	8	9.3	0.8	130
JTRC251	1	2	202302839	8.1	273.0	X	3.44	15.4	3.4	50	1	1.3	0.8	0.3	30.4	15.3	1.3	4.1	0.2	0.2	7.5	X	2.38	1.11	1	0.46	9.9	6.6	0.03	1.8	9.8	2.4	X	42.8	1.3	2	214.9	0.7	0.2	17.2	0.42	0.1	1.3	239	4	7.5	0.8	148
JTRC251	2	3	comp20230570	11.6	179.4	0.6	0.07	23.9	4.8	76	1	1.5	0.8	0.4	45.7	22	1.4	5.1	0.3	0.12	16.1	X	0.25	0.14	20	0.4	15.5	10.4	0.05	3.1	7.4	3.6	X	32.0	2	4	22.6	1.2	0.2	24.7	0.62	0.2	2.2	157	8	8.4	1.1	189
JTRC251	3	4	comp20230570	11.6	179.4	0.6	0.07	23.9	4.8	76	1	1.5	0.8	0.4	45.7	22	1.4	5.1	0.3	0.12	16.1	X	0.25	0.14	20	0.4	15.5	10.4	0.05	3.1	7.4	3.6	X	32.0	2	4	22.6	1.2	0.2	24.7	0.62	0.2	2.2	157	8	8.4	1.1	189
JTRC251	4	5	comp20230571	16.9	242.0	1.3	0.03	23.2	2.8	109	0.9	1.8	1.3	0.3	40.1	30.1	1.6	5.5	0.4	0.38	26.1	0.2	0.16	0.25	3	0.26	21.9	11.3	0.08	3.7	13.7	4.2	11	30.7	1.8	5	9.5	1.5	0.3	35.7	0.79	0.2	3.1	161	14	11.2	1.5	193
JTRC251	5	6	comp20230571	16.9	242.0	1.3	0.03	23.2	2.8	109	0.9	1.8	1.3	0.3	40.1	30.1	1.6	5.5	0.4	0.38	26.1	0.2	0.16	0.25	3	0.26	21.9	11.3	0.08	3.7	13.7	4.2	11	30.7	1.8	5	9.5	1.5	0.3	35.7	0.79	0.2	3.1	161	14	11.2	1.5	193
JTRC251	6	7	comp20230572	19.3	157.9	1.2	0.03	7.7	2.2	100	1.1	3.4	2.5	0.3	24.9	32.3	1.7	5.6	0.8	0.96	10	0.3	0.17	0.03	1	0.24	19.3	4.6	0.06	1.6	29.4	3.4	13	43.7	1.1	5	9.2	1.6	0.5	31.3	0.81	0.4	2.4	178	7	22.9	2.7	185
JTRC251	7	8	comp20230572	19.3	157.9	1.2	0.03	7.7	2.2	100	1.1	3.4	2.5	0.3	24.9	32.3	1.7	5.6	0.8	0.96	10	0.3	0.17	0.03	1	0.24	19.3	4.6	0.06	1.6	29.4	3.4	13	43.7	1.1	5	9.2	1.6	0.5	31.3	0.81	0.4	2.4	178	7	22.9	2.7	185
JTRC251	8	9	comp20230573	18.0	75.6	1.3	0.02	8.3	1.7	70	0.8	3.1	2.2	0.4	21.8	28.2	2	5	0.7	0.55	20.5	0.3	0.12	0.03	1	0.21	23.2	8.9	0.06	3	21.3	3.2	12	49.6	1.6	4	10.1	1.3	0.4	27.9	0.67	0.3	3	142	9	19.9	2.1	161
JTRC251	9	10	comp20230573	18.0	75.6	1.3	0.02	8.3	1.7	70	0.8	3.1	2.2	0.4	21.8	28.2	2	5	0.7	0.55	20.5	0.3	0.12	0.03	1	0.21	23.2	8.9	0.06	3	21.3	3.2	12	49.6	1.6	4	10.1	1.3	0.4	27.9	0.67	0.3	3	142	9	19.9	2.1	161
JTRC251	10	11	202302849	16.1	65.0	1.2	0.16	12.3	1.4	69	0.6	2.2	1.4	0.4	30.6	23.5	2	3.1	0.4	0.22	11.5	0.1	0.15	0.05	1	0.21	15	7.6	0.06	2.3	10.2	3.4	14	42.1	1.9	4	9	1.1	0.3	28.6	0.53	0.2	3.7	122	6	12	1.4	117
JTRC251	11	12	comp20230574	18.1	195.1	1.5	0.02	23.1	1.4	64	0.8	1.9	1.1	0.5	24.4	22.8	2.2	3.8	0.4	0.48	55.8	0.1	0.09	0.03	2	0.2	18.8	23.9	0.08	9	16.5	2.5	13	46.9	3.1	3	12.2	1.1	0.3	54.7	0.56	0.2	2.2	103	8	11.5	1.1	138
JTRC251	12	13	comp20230574	18.1	195.1	1.5	0.02	23.1	1.4	64	0.8	1.9	1.1	0.5	24.4	22.8	2.2	3.8	0.4	0.48	55.8	0.1	0.09	0.03	2	0.2	18.8	23.9	0.08	9	16.5	2.5	13	46.9	3.1	3	12.2	1.1	0.3	54.7	0.56	0.2	2.2	103	8	11.5	1.1	138
JTRC251	13	14	comp20230575	15.8	212.9	0.6	0.02	30.4	1.1	69	0.4	2.3	0.7	1.1	18.9	19.7	4.4	3.3	0.4	0.09	95.7	X	0.08	0.03	3	0.18	21.4	53.2	0.08	17.2	4.1	4.1	11	55.8	6.4	3	11.9	0.9	0.5	108.9	0.44	0.1	1.7	80	17	9.4	0.7	107
JTRC251	14	15	comp20230575	15.8	212.9	0.6	0.02	30.4	1.1	69	0.4	2.3	0.7	1.1	18.9	19.7	4.4	3.3	0.4	0.09																												

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	Sr	Ta	Tb	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	
JTRC256	56	57	202303278	10.3	10500.7	5.9	0.08	148.8	25.1	37	9.4	13.7	9.3	2.6	19.5	15.8	13.8	2.8	2.9	0.41	72.6	1.3	0.92	10.12	X	0.31	10.2	72.8	0.2	18.5	26	1.3	X	45.7	13.6	3	162.7	0.8	2.1	12.6	0.35	1.3	1	23	13	126.5	7.8	88
JTRC256	57	58	202303279	8.8	23699.9	5.9	0.14	229.9	26.3	26	3.3	14.6	7.7	4.1	24.2	13.2	17.8	2	2.9	0.58	92.6	1	0.64	21.84	2	0.33	8.8	104.1	0.37	26.6	19	1.3	X	25.1	21.9	2	319.7	0.2	1.9	10.9	0.31	1.1	0.9	19	44	70.7	7.4	69
JTRC256	58	59	202303280	11.4	29148.1	10.2	0.1	197.8	26.8	55	5.8	11.5	6.3	3.1	24.3	17.2	13.7	2.9	2.1	1.38	75.7	0.8	0.44	18.92	1	0.22	10.9	77.5	0.4	20.9	55.5	1.5	11	25.6	16.5	3	200.4	0.9	2	13.6	0.42	0.9	1	35	89	58.5	6	99
JTRC256	59	60	202303281	9.7	8670.5	7.2	0.05	143.3	18	69	19	7.6	4.3	2	26.1	15.8	8.3	2.6	1.5	1.17	51.3	0.5	0.37	6.59	2	0.15	9.6	5.3	0.3	14.3	8.2	2	X	45.7	10.5	2	70.8	0.8	1.3	11.9	0.33	0.6	1	40	17	43	4	87
JTRC256	60	62	202303282	8.5	5770.5	6.3	0.07	143.3	21.8	34	2.3	7.3	3.9	1.8	22.8	12.3	7.3	2.4	1.4	0.41	44.6	0.5	0.37	6.67	2	0.18	8.4	47.9	0.25	12.8	18.7	1.3	X	51.6	10.5	2	97.8	0.6	1.1	10.1	0.27	0.6	1	29	8	37.6	3.8	80
JTRC256	61	62	202303283	5.1	3570.7	5.2	0.03	100.7	17.4	29	2.4	5.9	3.4	1.5	29.2	7.4	6.5	1.5	1.2	0.16	44.5	0.4	0.21	4.45	3	0.1	5.3	43.8	0.27	11.5	13.7	1	X	52.9	8.2	1	46.2	0.4	0.9	5.8	0.2	0.5	1.3	30	3	35.3	3.3	49
JTRC256	62	63	202303284	5.5	1967.0	5.5	0.02	99.9	17.9	28	3.9	7.1	4.2	1.7	36.9	8.7	8.3	1.8	1.6	0.13	56.2	0.5	0.17	2.02	5	0.09	6.1	53.9	0.3	13.7	17.2	1.4	X	48.6	10	1	25.2	0.4	1.2	6.8	0.19	0.6	1.6	36	4	48.4	4.1	61
JTRC256	63	64	202303285	4.6	3787.0	5.5	0.02	113.7	22.5	21	2.1	10.2	5.9	2.3	35.4	6.9	11.5	1.4	2	0.17	61.2	0.8	0.12	3.57	7	0.08	5.7	64.6	0.3	16.4	10.5	1.2	X	48.9	12.5	X	44.3	0.4	1.8	5.8	0.17	0.9	2.7	28	3	57.1	5.6	50
JTRC256	64	65	202303286	3.9	3569.7	4.6	0.02	84.1	19.7	X	2	10	5.6	2.2	23.0	6.1	11.2	1.3	2	0.17	51.2	0.7	0.15	3.97	5	0.08	4.1	56.7	0.23	13.6	13.3	1	X	62.1	11.3	X	42.7	0.3	1.6	5.4	0.16	0.9	1.8	22	5	54	5	44
JTRC256	65	66	202303287	6.2	6855.2	7.7	0.06	172.2	38	24	1.2	15.6	12.5	4.8	23.6	10.4	23.2	1.9	4.3	0.31	103.8	1.6	0.26	9.95	6	0.16	6.7	111.8	0.32	26.5	14.1	1.7	X	49.8	23.4	1	156.9	0.6	3.4	7.7	0.21	1.8	2.5	24	8	136.5	11	59
JTRC256	66	67	202303288	4.0	3157.2	5.8	0.03	115.8	18.8	25	6.7	15.3	8.7	3.4	31.7	5.9	16.5	1.2	3	0.23	66.8	1.1	0.18	4.7	3	0.1	5	81.9	0.29	24.0	38.6	0.8	X	51.5	17.9	1	64.6	0.3	2.5	4.8	0.14	1.3	1.9	32	3	87.9	7.1	41
JTRC256	67	68	202303289	7.8	3212.9	7.3	0.03	155.8	19.6	41	4	18	9.9	3.8	25.9	11.5	19.3	2.2	3.4	0.49	74.2	1.3	0.18	4.19	3	0.12	8.4	95.1	0.34	23.3	36.2	1.1	X	51.1	19.8	1	52.9	0.6	2.8	9.3	0.26	1.5	2.3	41	4	97	9	72
JTRC256	68	69	202303291	7.2	2259.7	7.1	0.03	102.2	14.6	36	2.1	14.7	8.9	3.1	20.8	10.1	15.7	2	3	0.42	53.6	1.3	0.19	2.55	3	0.1	7.4	72.8	0.28	17.4	36.4	0.7	X	60.5	15.1	X	31.2	0.6	2.4	8.8	0.25	1.3	1.4	34	3	76.9	8.7	63
JTRC256	69	70	202303292	7.0	5135.0	4.5	0.04	99.4	20.4	26	25.3	17.6	9.4	3.2	19.5	10.3	17.3	2.1	3.1	1.23	63.2	1.2	1	5.07	4	0.13	7	68.4	0.18	16	289	X	X	59.4	14.2	1	42.8	0.5	2.6	8.6	0.23	1.4	1.5	43	11	83.5	8.9	68
JTRC256	70	71	202303293	9.4	17001.3	7.7	0.09	133.3	34.3	25	10.2	28.3	14.5	6.4	17.2	15.6	31.2	2.7	5.1	0.39	137.5	1.8	0.52	14.06	2	0.21	9.8	155.8	0.23	38.6	54.4	1.3	X	44.8	30.6	2	109.6	0.8	4.6	11.5	0.33	2.2	1.2	27	31	113.6	13.2	79
JTRC256	71	72	202303294	7.9	54004.0	8.4	0.14	114	37.6	29	5.7	20.2	10.8	4.8	11.2	16.2	21.7	2.1	3.8	1.18	93.7	1.3	0.39	26.96	4	0.19	8	100	0.33	25.3	56.7	2.4	X	32.9	21.6	2	91.6	0.7	3.2	10	0.29	1.5	0.8	43	192	84	9.8	66
JTRC256	72	73	202303295	15.5	5598.6	3.6	0.07	61.3	12.1	64	76.1	9.9	5.7	2.4	11.5	21.3	12.3	3.7	2	5.07	79.2	0.8	1.33	1.2	X	0.33	13.2	7.9	0.08	20.2	593.1	0.5	13	57.6	12.5	3	35.8	1.1	1.6	17.7	0.58	0.8	0.8	47	11	54.3	5.3	123
JTRC256	73	74	202303296	14.3	15977.9	3.4	0.05	98.8	22	82	30.7	10.5	6.1	2.6	9.1	21.6	12.9	3.9	2.1	4.86	84.7	0.8	1.3	1.2	1	0.29	12	77.7	0.06	20.6	339.9	1.4	14	62.0	12.3	3	35.2	1.2	1.8	16.4	0.58	0.9	1.4	54	11	58.9	5.8	130
JTRC256	74	75	202303297	13.7	16893.3	3.8	0.1	87.4	23.4	47	64	23.2	11.9	5.6	9.2	19.9	33.3	3.5	4.4	5.13	258	1.4	1.42	3.33	1	0.33	12.1	185.9	0.06	45.7	528.6	0.8	13	57.1	27.9	3	68.6	1.1	4.1	15.9	0.53	1.7	0.9	57	7	115.5	9.6	120
JTRC256	75	76	202303298	12.6	15720.8	9.8	0.22	133.3	43.1	25	6.7	53.4	31.2	8.1	13.3	19.2	60.6	2.9	11.2	13.7	228.1	3.6	1.84	16.81	6	0.52	12.2	208.9	0.13	48.4	6.5	1.8	10	37.2	35.3	3	300.1	1	8.3	14.6	0.44	4	1.1	33	5	249.8	23.2	99
JTRC256	76	77	202303299	11.8	8521.4	8.7	0.21	97.2	26.3	39	10.3	32.6	20	4.5	11.7	17.2	35.2	3.5	7	1.11	160	2.3	2.3	1.33	2	0.53	11.9	116.1	0.09	27.6	57.8	1.2	X	45.0	18.9	2	253.4	1	4.8	15	0.4	2.5	0.9	26	4	166.9	14.1	106
JTRC256	77	78	202303301	8.6	19809.7	7.3	0.43	80.3	21.7	55	8.8	9.6	7.6	1.7	15.5	13.3	9.8	2.2	2.5	1.12	80.2	0.8	3.21	15.68	1	0.61	8.3	42.6	0.14	11.2	42.1	1.3	X	38.9	7	2	245.9	0.6	1.3	9.7	0.29	0.9	0.6	19	20	154.5	5.2	70
JTRC256	78	79	202303302	6.4	21026.7	9.6	0.47	59.6	36.6	28	3.5	8.2	5.3	1.6	16.8	11.2	8.3	1.6	1.9	0.99	53.8	0.7	3.51	18.28	4	0.64	6.8	32.8	0.22	8.7	29.5	1.2	X	36.1	6.2	1	337.1	0.5	1.2	7.6	0.23	0.7	0.7	22	44	107.5	4.3	55
JTRC256	79	80	202303303	4.9	30984.0	8.6	0.74	46.2	33.9	X	2.9	5.5	3.5	1.3	14.4	9.3	5.7	1.2	1.1	0.79	31.9	0.4	4.26	23.57	4	0.68	4.8	24.9	0.26	6.3	20.3	1.1	X	32.3	4.7	X	355.9	0.3	0.8	5.5	0.16	0.5	0.6	X	27	47.2	2.7	38
JTRC256	80	81	202303304	5.5	28782.7	6.9	0.98	49.3	29.1	22	7.7	4.7	2.8	1.2	8.8	10.8	4.8	1.5	0.9	0.95	29.6	0.3	4.91	22.31	4	0.66	6	22.9	0.21	5.9	30.4	1.3	X	39.3	4.4	1	315.5	0.5	0.7	6.6	0.2	0.4	0.6	19	26	40	2.5	49
JTRC256	81	82	202303305	12.1	1495.8	2.8	0.22	104.5	8.7	59	107.8	5.6	2.7	1.4	9.7	18.9	6.8	3.6	1.1	4.28	50.5	0.3	2.7	0.64	X	0.31	11.8	41.8	0.12	11.6	42.1	1.4	11	63.0	7.9	3	22.2	1	0.9	15.6	0.49	0.4	3	105	6	28.9	2.7	117
JTRC256	82	83	202303306	13.2	1159.7	3.6	0.09	89.9	9.2	64	34.5	5.6	3.2	1.2	9.2	19.9	6	3.9	1	5	43.4	0.4	2.49	0.44	X	0.18	12.5	38.7	0.09	10.3	277.9	1.6	12	64.3	6.6	3	24.4	1.1	0.8	17	0.53	0.5	2.9	133	4	29.9	3.1	126
JTRC256	83	84	202303307	11.4	1408.0	2.8	0.16	83.8	10.7	54	47.2	5.1	3	1.3	10.1	18.1	6.1	3.3	1	4.04	40.6	0.3	2.54	0.68	X	0.19	11.1	34.6	0.11	9.8	278.7	1.4	10	64.6	6.2	3	19.9	1	0.8	15	0.46	0.4	2.6	102	7	28.9	2.8	110
JTRC257	0	1	comp20230693	5.4	1144.1																																											

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	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
JTRC259	18	19	comp20230746	12.1	317.9	1.4	0.02	103.1	1.2	81	0.6	1.7	0.8	0.6	25.8	14.4	1.9	2.6	0.3	0.22	70.9	X	0.04	0.05	2	0.1	8.7	30.8	0.2	11.8	9.3	0.6	18	51.2	4.3	2	29.7	0.7	0.3	21.8	0.37	0.1	5.5	6.2	2	5	0.9	93
JTRC259	19	20	comp20230747	13.1	86.8	1.7	0.02	163.8	0.8	59	0.6	1.7	0.9	0.8	18.4	15.4	2	2.7	0.3	0.34	107.3	0.1	0.05	0.05	1	0.1	8.9	47.2	0.18	18.3	13	0.8	16	58.1	5.5	3	44.4	0.8	0.3	21.1	0.37	0.1	4.4	66	2	6	1.1	98
JTRC259	20	21	comp20230747	13.1	86.8	1.7	0.02	163.8	0.8	59	0.6	1.7	0.9	0.8	18.4	15.4	2	2.7	0.3	0.34	107.3	0.1	0.05	0.05	1	0.1	8.9	47.2	0.18	18.3	13	0.8	16	58.1	5.5	3	44.4	0.8	0.3	21.1	0.37	0.1	4.4	66	2	6	1.1	98
JTRC259	21	22	comp20230748	14.9	65.5	1.1	0.01	222.6	0.9	47	0.6	1.6	0.8	0.6	12.4	12.2	1.9	2.4	0.3	0.33	144.9	X	0.05	0.03	1	0.1	8.9	47.7	0.15	21.1	12.2	0.6	13	63.0	5.4	2	51.4	0.7	0.3	16.8	0.37	0.1	3.3	47	3	5.8	0.8	84
JTRC259	22	23	comp20230748	14.9	65.5	1.1	0.01	222.6	0.9	47	0.6	1.6	0.8	0.6	12.4	12.2	1.9	2.4	0.3	0.33	144.9	X	0.05	0.03	1	0.1	8.9	47.7	0.15	21.1	12.2	0.6	13	63.0	5.4	2	51.4	0.7	0.3	16.8	0.33	0.1	3.3	47	3	5.8	0.8	84
JTRC259	23	24	comp20230749	17.5	136.4	1.5	0.01	186.8	0.8	68	0.9	2	0.8	0.7	22.0	15.2	2.5	2.6	0.3	0.23	137.2	X	0.05	0.03	3	0.1	9.2	46.4	0.2	19.7	9.4	1.5	20	49.4	6	2	39.8	0.8	0.4	15.2	0.36	0.1	4.5	68	2	6.2	0.9	91
JTRC259	24	25	comp20230749	17.5	136.4	1.5	0.01	186.8	0.8	68	0.9	2	0.8	0.7	22.0	15.2	2.5	2.6	0.3	0.23	137.2	X	0.05	0.03	3	0.1	9.2	46.4	0.2	19.7	9.4	1.5	20	49.4	6	2	39.8	0.8	0.4	15.2	0.36	0.1	4.5	68	2	6.2	0.9	91
JTRC259	25	26	comp20230750	15.3	81.9	1.5	0.02	102.2	1	62	0.5	2	1	0.6	19.7	11.6	2.1	2.4	0.3	0.41	91.3	X	0.07	0.04	X	0.09	8.5	32.9	0.22	13.5	11.2	1	16	55.1	4.5	2	30.5	0.7	0.4	13.2	0.31	0.1	4	51	2	8.2	1	84
JTRC259	26	27	comp20230750	15.3	81.9	1.5	0.02	102.2	1	62	0.5	2	1	0.6	19.7	11.6	2.1	2.4	0.3	0.41	91.3	X	0.07	0.04	X	0.09	8.5	32.9	0.22	13.5	11.2	1	16	55.1	4.5	2	30.5	0.7	0.4	13.2	0.31	0.1	4	51	2	8.2	1	84
JTRC259	27	28	comp20230751	11.1	92.2	1	0.02	25.9	X	43	0.6	2.1	1.4	0.3	10.7	13.5	1.6	2.8	0.4	0.98	22	0.2	0.09	0.04	X	0.06	9.5	10.6	0.08	3.9	27.5	0.6	X	70.1	1.7	2	13.1	0.8	0.3	15	0.36	0.2	2.3	56	4	11	1.3	106
JTRC259	28	29	comp20230751	11.1	92.2	1	0.02	25.9	X	43	0.6	2.1	1.4	0.3	10.7	13.5	1.6	2.8	0.4	0.98	22	0.2	0.09	0.04	X	0.06	9.5	10.6	0.08	3.9	27.5	0.6	X	70.1	1.7	2	13.1	0.8	0.3	15	0.36	0.2	2.3	56	4	11	1.3	106
JTRC259	29	30	202303469	17.0	155.8	2.1	0.02	12.3	0.7	67	0.7	2.3	1.8	0.2	17.8	21.2	1.5	3.8	0.5	1.51	6.9	0.2	0.13	0.05	X	0.11	14.5	3.4	0.06	1.2	4.2	1.2	1.7	56.7	1.1	3	14.7	1.3	0.3	25.9	0.56	0.3	3.4	105	5	14	1.8	145
JTRC259	30	31	comp20230752	17.7	329.1	2.8	0.02	80.3	1.1	77	0.7	3.2	2.2	0.8	20.5	21.4	3.8	4.4	0.7	1.78	52.5	0.2	0.15	0.02	X	0.11	15.7	30.9	0.25	9.5	41.1	0.8	16	51.5	5.4	4	33.7	1.3	0.6	25.9	0.61	0.3	3.9	82	3	16.9	2.3	152
JTRC259	31	32	comp20230752	17.7	329.1	2.8	0.02	80.3	1.1	77	0.7	3.2	2.2	0.8	20.5	21.4	3.8	4.4	0.7	1.78	52.5	0.2	0.15	0.02	X	0.11	15.7	30.9	0.25	9.5	41.1	0.8	16	51.5	5.4	4	33.7	1.3	0.6	25.9	0.61	0.3	3.9	82	3	16.9	2.3	152
JTRC259	32	33	202303473	9.9	97.8	2.7	0.01	120.5	1.4	41	0.3	2.9	1.5	1.1	39.1	11.8	3.6	1.8	0.5	0.24	66.6	0.2	0.04	0.03	1	0.07	7.1	41.3	0.55	13.3	5.8	1.2	23	41.0	6.7	2	28.3	0.6	0.5	15	0.26	0.2	7.2	59	1	8.9	1.5	65
JTRC259	33	34	202303474	11.7	90.1	2.5	0.02	119.7	0.9	44	0.3	3.2	1.5	1.4	32.2	12.2	4.8	2.2	0.5	0.32	86	0.2	0.04	0.04	X	0.07	8.3	53.5	0.47	16.8	9.8	1.3	19	45.2	8.2	2	34.2	0.7	0.6	14.7	0.32	0.2	7.3	51	1	9.4	1.5	82
JTRC259	34	35	comp20230753	6.1	110.4	3.3	0.02	319.6	2.8	29	0.1	6.8	2.7	4.9	52.2	7.5	14.9	1.2	1	0.06	196.8	0.3	0.05	0.07	X	0.04	4.8	226.7	0.77	56.2	1.6	3.2	13	30.3	33.7	1	59.8	0.3	1.5	9.2	0.16	0.4	9.9	40	22	23.4	2.2	40
JTRC259	35	36	comp20230753	6.1	110.4	3.3	0.02	319.6	2.8	29	0.1	6.8	2.7	4.9	52.2	7.5	14.9	1.2	1	0.06	196.8	0.3	0.05	0.07	X	0.04	4.8	226.7	0.77	56.2	1.6	3.2	13	30.3	33.7	1	59.8	0.3	1.5	9.2	0.16	0.4	9.9	40	22	23.4	2.2	40
JTRC259	36	37	comp20230754	8.6	169.7	3.2	0.03	423	2.4	30	X	7.9	3.1	5.2	53.3	8.1	15.8	1.6	1.3	0.07	259.5	0.3	0.05	0.07	X	0.05	6.6	249.4	0.9	67.8	1.5	3.9	11	26.7	37.9	1	77.9	0.5	1.8	9.5	0.23	0.4	14.2	52	11	27.8	2.5	56
JTRC259	37	38	comp20230754	8.6	169.7	3.2	0.03	423	2.4	30	X	7.9	3.1	5.2	53.3	8.1	15.8	1.6	1.3	0.07	259.5	0.3	0.05	0.07	X	0.05	6.6	249.4	0.9	67.8	1.5	3.9	11	26.7	37.9	1	77.9	0.5	1.8	9.5	0.23	0.4	14.2	52	11	27.8	2.5	56
JTRC259	38	39	comp20230755	6.2	32.7	3.1	0.02	166.7	2.9	30	X	4	2.5	1.4	60.6	7.6	5.6	1.3	0.9	0.06	94.8	0.3	0.09	0.12	X	0.05	5.4	60.2	0.82	20.2	1.1	4.5	X	21.5	8.7	1	21.3	0.4	0.7	7.7	1.18	0.4	14.9	46	12	22.7	2.4	47
JTRC259	39	40	comp20230755	6.2	32.7	3.1	0.02	166.7	2.9	30	X	4	2.5	1.4	60.6	7.6	5.6	1.3	0.9	0.06	94.8	0.3	0.09	0.12	X	0.05	5.4	60.2	0.82	20.2	1.1	4.5	X	21.5	8.7	1	21.3	0.4	0.7	7.7	1.18	0.4	14.9	46	12	22.7	2.4	47
JTRC259	40	41	comp20230756	11.5	112.0	2.8	0.02	206.2	2.8	39	0.3	5.5	2.4	2.2	47.9	12.4	8.8	1.8	0.9	0.09	127.5	0.3	0.08	0.07	X	0.06	7.1	92.3	0.56	29	3.2	2.8	X	29.0	14.5	2	34.4	0.5	1	13.2	0.26	0.4	10	50	12	21.5	2.4	64
JTRC259	41	42	comp20230756	11.5	112.0	2.8	0.02	206.2	2.8	39	0.3	5.5	2.4	2.2	47.9	12.4	8.8	1.8	0.9	0.09	127.5	0.3	0.08	0.07	X	0.06	7.1	92.3	0.56	29	3.2	2.8	X	29.0	14.5	2	34.4	0.5	1	13.2	0.26	0.4	10	50	12	21.5	2.4	64
JTRC259	42	43	comp20230757	14.6	1175.7	4	0.02	160.2	6.1	51	0.3	3.7	2	0.9	34.8	16.2	3.7	3.3	0.7	0.33	32.3	0.3	0.06	1.09	X	0.08	11.2	27.5	0.45	8.1	12.6	0.9	12	37.3	5.4	3	16.1	0.9	0.5	18	0.41	0.3	9.5	79	2	14	2.2	121
JTRC259	43	44	comp20230757	14.6	1175.7	4	0.02	160.2	6.1	51	0.3	3.7	2	0.9	34.8	16.2	3.7	3.3	0.7	0.33	32.3	0.3	0.06	1.09	X	0.08	11.2	27.5	0.45	8.1	12.6	0.9	12	37.3	5.4	3	16.1	0.9	0.5	18	0.41	0.3	9.5	79	2	14	2.2	121
JTRC259	44	45	comp20230758	13.2	596.6	4.3	0.02	256	3.8	34	0.2	5.9	2.9	2.2	37.8	16.7	7.9	3.3	1	0.4	116.8	0.5	0.06	0.46	X	0.09	12.6	92	0.65	28	14.4	1	10	36.4	14.7	3	31.2	1	1.1	16.2	0.45	0.4	11	71	3	20.4	2.9	120
JTRC259	45	46	comp20230758	13.2	596.6	4.3	0.02	256	3.8	34	0.2	5.9	2.9	2.2	37.8	16.7	7.9	3.3	1	0.4	116.8	0.5	0.06	0.46	X	0.09	12.6	92	0.65	28	14.4	1	10	36.4	14.7	3	31.2	1	1.1	16.2	0.45	0.4	11	71	3	20.4	2.9	120
JTRC259	46	47	comp20230759	12.8	346.6	3.1	0.02	309.3	8.6	35	0.2	5.5	2.1	2.1	36.3	17.2	9	3.4	0.9	0.46	136	0.2	0.07																									

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	Sr	Ta	Tb	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			
JTRC267	47	48	202304089	11.0	1031.1	3.6	0.02	34.9	9.2	65	2.4	3.1	1.8	0.6	24.3	15.8	3.2	2.8	0.7	0.12	15.5	0.3	0.14	0.97	3	0.16	10.4	14.8	0.11	3.9	20.3	1.7	X	55.3	2.7	2	6.1	0.7	0.5	11.4	0.38	0.3	3.9	87	16	16.7	1.8	91		
JTRC267	48	49	42304091	8.6	4279.6	7.5	0.07	252.7	64.3	30	5.7	13.4	6.8	3.6	20.0	13.5	15.6	2.4	2.6	0.87	107.3	0.9	0.8	17.64	5	0.36	8.1	10.92	0.17	30	35.1	1.8	X	37.4	20.2	2	127.8	0.6	2.2	9.5	0.32	1	8.3	35	12	56.5	6.1	76		
JTRC267	49	50	202304092	9.6	4125.8	7.3	0.09	204.6	59.9	38	3.4	15.1	7.7	4.1	14.4	16.5	2.2	2.9	1.73	108.2	1	3.8	14.45	3	0.8	9.6	121.8	0.19	30.8	45.2	1.1	X	38.6	2.2	2	151.2	0.6	2.4	10.5	0.33	1.1	5.8	25	10	68.9	7.1	74			
JTRC267	50	51	202304093	9.5	1094.8	5.7	0.06	113.1	26.3	50	25.1	9.2	4.8	2.2	2.5	13.6	10.6	2.8	1.8	2.41	61.7	0.7	3.56	6.55	2	0.51	9.7	66.8	0.18	17.2	426.8	2.2	X	41.3	13	2	89.7	0.6	1.5	12.4	0.3	0.7	3.4	50	4	42.4	4.4	94		
JTRC267	51	52	202304094	8.4	960.7	4.2	0.06	79.2	15.4	51	31.3	6.5	3.3	1.7	20.7	11	7.2	2.2	1.3	2.19	44.6	0.4	3.27	3.97	2	0.44	8.1	48.3	0.1	12.2	483.6	1.9	X	50.5	8.1	2	64.8	0.5	1	9.6	0.28	0.5	1.9	63	4	29.2	2.9	69		
JTRC267	52	53	202304095	7.5	817.0	3.9	0.08	83	17.7	42	9.1	9.2	5.2	2.3	10.3	11.8	11.4	2	1.9	1.32	71.7	0.6	4.28	5.02	1	0.66	7.3	72.2	0.07	17.8	82.2	1.5	X	58.0	11.8	1	93.5	0.4	1.5	8.6	0.26	0.7	1.3	22	7	45.6	4	62		
JTRC267	53	54	202304096	10.0	5747.4	6	0.11	143.5	30.3	33	3.3	9.3	19	5.2	2.2	4.7	12.2	15.1	23.5	2.5	3.7	1.94	12.6	1.4	5.9	10.92	2	0.87	9.6	130.6	0.13	32.7	57.5	1.2	X	41.6	22.7	2	168	0.6	3.1	12.4	0.35	1.5	1.9	38	9	86.6	9	79
JTRC267	54	55	comp20230916	12.7	6251.4	2.6	0.08	78.9	10.1	58	31.2	6.9	3.8	1.6	7.5	18	8.2	3.1	1.3	5.93	71.2	0.5	2.03	0.77	X	0.54	10.7	54.5	0.04	14.9	400.2	1.2	11	62.4	8.5	3	45.8	0.8	1.1	14.5	0.45	0.5	1.3	48	4	50.7	3.2	103		
JTRC267	55	56	comp20230916	12.7	6251.4	2.6	0.08	78.9	10.1	58	31.2	6.9	3.8	1.6	7.5	18	8.2	3.1	1.3	5.93	71.2	0.5	2.03	0.77	X	0.54	10.7	54.5	0.04	14.9	400.2	1.2	11	62.4	8.5	3	45.8	0.8	1.1	14.5	0.45	0.5	1.3	48	4	50.7	3.2	103		
JTRC267	56	57	202304099	12.8	15405.9	2.9	0.08	80.8	13.5	60	33.9	6.4	4.1	1.5	8.2	18.9	7.6	3.4	1.3	5.67	64.4	0.5	2.15	1.19	X	0.47	10.9	49.9	0.04	13.4	315.1	1.8	12	61.1	7.5	3	53	0.9	1.1	13.8	0.49	0.6	1.8	53	7	48.1	3.4	112		
JTRC267	57	58	202304101	9.3	15871.6	3.8	0.24	94.1	18.4	43	24.6	7.4	4.5	1.7	11.4	13.8	8.3	2.7	1.6	2.96	61.3	0.5	2.62	1.72	1	0.44	8.8	45.8	0.07	12.6	216.3	2.8	X	61.7	8.3	2	52.8	0.7	1.2	11.5	0.37	0.6	1.8	54	5	49.5	3.9	94		
JTRC267	58	59	comp20230917	11.1	1947.7	3.6	0.07	88.7	13.2	51	26	7.2	4.5	1.3	12.6	15.2	7.9	3.3	1.6	3.77	58.8	0.6	3.06	0.65	2	0.31	10.8	43.2	0.06	11.3	335.1	2.1	10	62.2	7.5	2	16.2	0.8	1.1	14	0.45	0.6	2.2	82	4	50.9	3.7	105		
JTRC267	59	60	comp20230917	11.1	1947.7	3.6	0.07	88.7	13.2	51	26	7.2	4.5	1.3	12.6	15.2	7.9	3.3	1.6	3.77	58.8	0.6	3.06	0.65	2	0.31	10.8	43.2	0.06	11.3	335.1	2.1	10	62.2	7.5	2	16.2	0.8	1.1	14	0.45	0.6	2.2	82	4	50.9	3.7	105		
JTRC268	0	1	202304104	4.9	1302.3	1.5	0.06	34.8	7.7	23	4.6	2.4	1.1	0.5	7.6	6.2	2.9	0.4	0.9	21.7	0.2	1.75	0.62	X	0.14	3.9	16.5	0.04	4.3	54.5	0.9	X	49.0	2.8	X	331.6	0.2	0.3	5.9	0.19	0.2	0.8	44	3	13.1	1.3	107			
JTRC268	1	2	202304105	12.4	816.3	0.9	0.11	42.7	4.2	41	2.3	1.4	0.8	0.2	9.4	14.4	1.4	3.3	0.3	0.9	9.9	0.1	4.29	0.25	3	0.25	8.5	6.6	0.02	2	43.4	1.7	X	40.8	1.6	2	518.9	0.7	0.2	9.2	0.44	0.1	1.3	95	3	7.7	0.9	122		
JTRC268	2	3	comp20230918	22.0	726.0	2	0.27	10.5	2.7	86	1.5	1.7	0.9	0.3	12.1	25.1	1.4	5.7	0.3	1.46	19.9	0.1	0.6	0.09	17	0.27	16	6.7	0.02	2.2	60.4	2.4	12	51.2	1.4	5	62.2	1.4	0.3	16.3	0.79	0.1	2.5	179	4	8.6	1.1	190		
JTRC268	3	4	comp20230918	22.0	726.0	2	0.27	10.5	2.7	86	1.5	1.7	0.9	0.3	12.1	25.1	1.4	5.7	0.3	1.46	19.9	0.1	0.6	0.09	17	0.27	16	6.7	0.02	2.2	60.4	2.4	12	51.2	1.4	5	62.2	1.4	0.3	16.3	0.79	0.1	2.5	179	4	8.6	1.1	190		
JTRC268	4	5	comp20230919	24.1	677.3	1.6	0.05	6.7	2.5	71	1.2	0.9	0.5	0.1	12.5	28.1	0.8	5.7	0.2	1	13.1	0.1	0.24	0.05	6	0.23	17.2	4.6	0.02	1.7	44.1	2	12	51.0	0.9	5	19.4	1.5	0.1	17	0.86	X	2.9	147	4	4.9	0.6	191		
JTRC268	5	6	comp20230919	24.1	677.3	1.6	0.05	6.7	2.5	71	1.2	0.9	0.5	0.1	12.5	28.1	0.8	5.7	0.2	1	13.1	0.1	0.24	0.05	6	0.23	17.2	4.6	0.02	1.7	44.1	2	12	51.0	0.9	5	19.4	1.5	0.1	17	0.86	X	2.9	147	4	4.9	0.6	191		
JTRC268	6	7	comp20230920	20.2	458.7	1.6	0.09	7.4	3.1	64	0.9	1	0.8	0.3	11.9	23.4	0.9	5.5	0.2	1.13	11.4	0.1	0.17	0.05	11	0.23	16	5	0.02	1.4	51	3.1	13	56.1	0.8	4	16.5	1.5	0.2	19.1	0.77	0.1	3.1	140	3	6.2	1	181		
JTRC268	7	8	comp20230920	20.2	458.7	1.6	0.09	7.4	3.1	64	0.9	1	0.8	0.3	11.9	23.4	0.9	5.5	0.2	1.13	11.4	0.1	0.17	0.05	11	0.23	16	5	0.02	1.4	51	3.1	13	56.1	0.8	4	16.5	1.5	0.2	19.1	0.77	0.1	3.1	140	3	6.2	1	181		
JTRC268	8	9	comp20230921	21.4	718.1	1.2	0.03	7	1.4	78	1	0.8	0.5	0.1	13.0	24.4	0.6	5.5	0.2	1.19	5.6	X	0.15	0.05	5	0.24	15.2	2.7	0.02	0.9	55.1	1.4	14	53.6	0.5	4	11.4	1.4	X	18.1	0.83	X	3.6	104	3	4.2	0.6	168		
JTRC268	9	10	comp20230921	21.4	718.1	1.2	0.03	7	1.4	78	1	0.8	0.5	0.1	13.0	24.4	0.6	5.5	0.2	1.19	5.6	X	0.15	0.05	5	0.24	15.2	2.7	0.02	0.9	55.1	1.4	14	53.6	0.5	4	11.4	1.4	X	18.1	0.83	X	3.6	104	3	4.2	0.6	168		
JTRC268	10	11	comp20230922	21.5	3010.8	1.6	0.06	11.7	1.2	24	0.9	0.6	0.4	0.2	16.3	21.2	0.6	4.1	0.1	0.44	9	X	0.16	0.33	2	0.3	16.1	2.8	0.03	1.1	15.1	2.2	16	49.2	0.5	4	18.8	1.1	X	18.3	0.56	X	1.6	57	10	3.8	0.4	132		
JTRC268	11	12	comp20230922	21.5	3010.8	1.6	0.06	11.7	1.2	24	0.9	0.6	0.4	0.2	16.3	21.2	0.6	4.1	0.1	0.44	9	X	0.16	0.33	2	0.3	16.1	2.8	0.03	1.1	15.1	2.2	16	49.2	0.5	4	18.8	1.1	X	18.3	0.56	X	1.6	57	10	3.8	0.4	132		
JTRC268	12	13	comp20230923	13.0	3042.1	1.6	0.03	14.5	1.5	55	0.4	1	0.8																																					

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	Sr	Ta	Tb	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
JTRC270	21	22	202304267	18.4	1233.6	2.6	0.02	125.4	39.7	62	1	1.8	1	0.7	8.8	23.3	1.9	4.7	0.3	1.33	39.8	0.1	0.09	4.01	X	0.13	14.7	17.9	0.08	5.8	61.1	2	15	56.7	4.2	4	21.5	1.3	0.3	20.7	0.64	0.2	3.2	48	5	5.1	1.2	143
JTRC270	22	23	202304271	18.6	570.1	2.3	0.03	127.6	22.4	40	1.1	1.3	0.7	0.6	8.9	24	1.5	4.3	0.2	1.2	27.1	X	0.09	2.41	X	0.12	15.9	14.1	0.05	4.1	56.8	1.5	16	58.5	2.9	4	11.9	1.4	0.2	20.5	0.65	0.2	2.9	60	4	4.1	1.1	149
JTRC270	23	24	202304272	17.4	1125.8	2.9	0.02	141.6	28.4	45	1	1.6	1	0.6	9.5	22.9	1.9	3.9	0.3	1.09	33.1	0.1	0.1	2.57	X	0.13	14.9	15.5	0.07	5	49.5	1.1	16	61.3	3.3	3	11.6	1.4	0.3	19.6	0.64	0.2	3.2	72	3	5.4	1.3	143
JTRC270	24	25	202304273	14.0	1087.2	1.4	0.02	116.5	14.2	130	1	1.9	1.2	0.4	6.8	20.6	1.5	3.9	0.4	1.65	6.1	0.2	0.23	0.68	X	0.11	11.7	7.1	0.04	1.8	72.5	1.6	15	69.8	1.6	4	9	1.2	0.3	14	0.61	0.3	3.3	87	3	7.9	1.9	138
JTRC270	25	26	202304274	15.6	893.7	2.2	0.02	128.4	31.7	69	1.2	1.9	1.3	0.5	6.0	20.1	1.7	4.7	0.4	1.44	9.7	0.2	0.17	1.54	X	0.11	14.7	9	0.03	2.7	61.4	1.1	15	67.5	2.5	4	17.1	1.5	0.3	16.5	0.63	0.2	3.3	60	2	7.6	1.8	162
JTRC270	26	27	comp20230940	15.2	1450.8	2.1	0.03	144	38.3	76	0.8	2.2	1.3	0.4	10.5	20.6	1.7	4.2	0.4	1.02	10.5	0.2	0.11	1.7	X	0.11	13.8	10.3	0.04	3	40.6	1.2	16	64.1	2.7	4	28.7	1.4	0.3	16.3	0.65	0.3	4.4	71	2	7.8	2.1	145
JTRC270	27	28	comp20230940	15.2	1450.8	2.1	0.03	144	38.3	76	0.8	2.2	1.3	0.4	10.5	20.6	1.7	4.2	0.4	1.02	10.5	0.2	0.11	1.7	X	0.11	13.8	10.3	0.04	3	40.6	1.2	16	64.1	2.7	4	28.7	1.4	0.3	16.3	0.65	0.3	4.4	71	2	7.8	2.1	145
JTRC270	28	29	comp20230941	13.0	2253.8	2.4	0.02	155	82.7	71	0.8	2.5	1.5	0.7	11.6	17.7	2.2	3.8	0.5	1.07	12.9	0.1	0.11	2.66	X	0.12	11.4	12.5	0.06	3.3	42	1	18	64.8	2.9	3	19	1.1	0.4	13.7	0.6	0.2	5.5	72	2	8.3	1.8	124
JTRC270	29	30	comp20230941	13.0	2253.8	2.4	0.02	155	82.7	71	0.8	2.5	1.5	0.7	11.6	17.7	2.2	3.8	0.5	1.07	12.9	0.1	0.11	2.66	X	0.12	11.4	12.5	0.06	3.3	42	1	18	64.8	2.9	3	19	1.1	0.4	13.7	0.6	0.2	5.5	72	2	8.3	1.8	124
JTRC270	30	31	comp20230942	16.4	1294.0	1.8	0.02	198.7	40	72	5.9	3.2	1.7	0.7	12.0	23	2.8	4.9	0.6	1.29	52.5	0.3	0.25	1.4	X	0.13	14.1	18.8	0.07	6.6	93.7	1.2	24	58.4	3.8	4	29.6	1.4	0.5	14	0.93	0.3	4.6	105	2	11.3	2.7	160
JTRC270	31	32	comp20230942	16.4	1294.0	1.8	0.02	198.7	40	72	5.9	3.2	1.7	0.7	12.0	23	2.8	4.9	0.6	1.29	52.5	0.3	0.25	1.4	X	0.13	14.1	18.8	0.07	6.6	93.7	1.2	24	58.4	3.8	4	29.6	1.4	0.5	14	0.93	0.3	4.6	105	2	11.3	2.7	160
JTRC270	32	33	comp20230943	19.2	1593.7	2.5	0.03	149.1	36.2	73	38.4	4.5	2.7	0.9	14.1	26.2	3.7	6.1	0.8	3.3	19.3	0.6	1.33	1.62	X	0.17	16.8	17.8	0.04	5	425.3	1.7	26	51.2	4.1	4	27.6	1.9	0.7	17	1.1	0.5	3.7	90	3	15.9	3.7	211
JTRC270	33	34	comp20230943	19.2	1593.7	2.5	0.03	149.1	36.2	73	38.4	4.5	2.7	0.9	14.1	26.2	3.7	6.1	0.8	3.3	19.3	0.6	1.33	1.62	X	0.17	16.8	17.8	0.04	5	425.3	1.7	26	51.2	4.1	4	27.6	1.9	0.7	17	1.1	0.5	3.7	90	3	15.9	3.7	211
JTRC270	34	35	comp20230944	15.5	1038.2	3.8	0.02	108.9	27	84	36.8	4.3	2.7	1.1	10.1	21.3	4	4.5	0.8	4.53	20	0.5	2.61	0.82	X	0.16	13.3	18.3	0.02	5.3	605.6	1	20	61.0	4	4	17.1	1.5	0.7	14.2	0.81	0.5	2.1	86	1	18.8	3.6	156
JTRC270	35	36	comp20230944	15.5	1038.2	3.8	0.02	108.9	27	84	36.8	4.3	2.7	1.1	10.1	21.3	4	4.5	0.8	4.53	20	0.5	2.61	0.82	X	0.16	13.3	18.3	0.02	5.3	605.6	1	20	61.0	4	4	17.1	1.5	0.7	14.2	0.81	0.5	2.1	86	1	18.8	3.6	156
JTRC270	36	37	comp20230945	14.7	823.4	3.1	0.02	65.8	16.8	72	16.8	5.9	3.7	1.1	10.6	20.7	5.2	4.9	1.2	4.06	23.5	0.6	1.72	0.34	X	0.16	13.6	22.4	0.03	5.9	448	1.2	18	63.7	5	4	19.6	1.4	0.9	14.4	0.82	0.6	3.2	85	2	27.6	4.5	170
JTRC270	37	38	comp20230945	14.7	823.4	3.1	0.02	65.8	16.8	72	16.8	5.9	3.7	1.1	10.6	20.7	5.2	4.9	1.2	4.06	23.5	0.6	1.72	0.34	X	0.16	13.6	22.4	0.03	5.9	448	1.2	18	63.7	5	4	19.6	1.4	0.9	14.4	0.82	0.6	3.2	85	2	27.6	4.5	170
JTRC270	38	39	comp20230946	15.2	1126.3	3.8	0.03	179.6	24.6	90	11.7	11.7	6.7	2.7	8.2	22.1	12.1	4.5	2.3	5.91	76.2	1	2.84	0.54	X	0.23	14	60.5	0.04	17.5	562.3	1.5	18	61.0	11.5	4	39.4	1.5	1.9	13.7	0.86	1	2.9	87	2	57.2	6.5	161
JTRC270	39	40	comp20230946	15.2	1126.3	3.8	0.03	179.6	24.6	90	11.7	11.7	6.7	2.7	8.2	22.1	12.1	4.5	2.3	5.91	76.2	1	2.84	0.54	X	0.23	14	60.5	0.04	17.5	562.3	1.5	18	61.0	11.5	4	39.4	1.5	1.9	13.7	0.86	1	2.9	87	2	57.2	6.5	161
JTRC270	40	41	202304291	16.6	1103.1	5	0.04	130.4	24.5	93	11.9	6.8	4.8	1.4	10.1	20.4	6.5	5.1	1.5	6.13	25.8	0.6	2.81	0.67	X	0.22	14.9	23.3	0.05	6.4	620.4	1.7	20	56.9	5.7	4	35.4	1.4	1.1	14.4	0.96	0.7	2.8	105	2	39.1	4.9	176
JTRC270	41	42	comp20230947	14.9	1294.3	4.3	0.02	258.9	37.1	88	11.1	6.5	3.8	1.6	8.6	22.9	6.4	4.6	1.2	5.56	37.8	0.6	2.95	0.88	X	0.18	13.8	31.3	0.04	8.5	519.4	1.4	18	61.3	6.6	4	29.7	1.4	1	13.9	0.82	0.6	2.6	98	3	33.6	3.9	155
JTRC270	42	43	comp20230947	14.9	1294.3	4.3	0.02	258.9	37.1	88	11.1	6.5	3.8	1.6	8.6	22.9	6.4	4.6	1.2	5.56	37.8	0.6	2.95	0.88	X	0.18	13.8	31.3	0.04	8.5	519.4	1.4	18	61.3	6.6	4	29.7	1.4	1	13.9	0.82	0.6	2.6	98	3	33.6	3.9	155
JTRC270	43	44	comp20230948	16.1	1162.1	4.2	0.03	116.7	22.5	91	10.2	9.8	4.8	2.9	9.7	24	12.2	5	1.8	6.77	99.5	0.7	2.97	0.57	X	0.26	14.9	77.4	0.05	21.8	541.1	0.9	19	58.6	13.8	4	59.9	1.6	1.7	14.3	0.9	0.7	3.3	92	2	46.7	4.8	179
JTRC270	44	45	comp20230948	16.1	1162.1	4.2	0.03	116.7	22.5	91	10.2	9.8	4.8	2.9	9.7	24	12.2	5	1.8	6.77	99.5	0.7	2.97	0.57	X	0.26	14.9	77.4	0.05	21.8	541.1	0.9	19	58.6	13.8	4	59.9	1.6	1.7	14.3	0.9	0.7	3.3	92	2	46.7	4.8	179
JTRC270	45	46	comp20230949	13.6	892.4	4.9	0.03	121.4	19.5	76	8.8	9.2	5	2.4	8.6	18.4	11.3	4.4	1.7	5.27	104.7	0.7	2.76	0.36	X	0.24	14.2	70	0.04	20.5	370.8	1.2	15	63.2	13.1	4	36.5	1.5	1.7	12.9	0.7	0.8	2.6	83	2	49.8	5	147
JTRC270	46	47	comp20																																													

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	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
JTRC273	78	79	comp20231015	13.7	22008.6	3.9	0.18	110.5	28	41	10	6.3	3.8	1.6	11.0	19.2	6.9	3.8	1.3	4.11	49	0.5	2.83	2.1	1	0.58	12.6	42.9	0.11	11.7	270.3	2.1	13	52.8	7.8	4	56.5	1	1	16.7	0.52	0.6	1.8	42	6	44.2	3.4	121
JTRC273	79	80	comp20231015	13.7	22008.6	3.9	0.18	110.5	28	41	10	6.3	3.8	1.6	11.0	19.2	6.9	3.8	1.3	4.11	49	0.5	2.83	2.1	1	0.58	12.6	42.9	0.11	11.7	270.3	2.1	13	52.8	7.8	4	56.5	1	1	16.7	0.52	0.6	1.8	42	6	44.2	3.4	121
JTRC273	80	81	comp20231016	12.3	8796.4	2.6	0.2	96	23.7	42	10.2	4.8	2.8	1	10.6	16.8	4.9	3.4	1	3.81	40.7	0.4	3.58	2.14	1	0.63	11.7	33.8	0.13	9.6	194.1	2.6	12	57.7	6	4	51.7	1	0.7	15.8	0.45	0.4	1.3	30	11	32.4	2.4	112
JTRC273	81	82	comp20231016	12.3	8796.4	2.6	0.2	96	23.7	42	10.2	4.8	2.8	1	10.6	16.8	4.9	3.4	1	3.81	40.7	0.4	3.58	2.14	1	0.63	11.7	33.8	0.13	9.6	194.1	2.6	12	57.7	6	4	51.7	1	0.7	15.8	0.45	0.4	1.3	30	11	32.4	2.4	112
JTRC273	82	83	comp20231017	3.5	6892.2	2.3	0.15	58.7	16.3	X	4.8	3.4	2.1	0.8	25.2	5.1	3.6	1.1	0.7	0.44	25	0.3	1.33	3.95	2	0.36	4.5	20.2	0.25	5.3	66.3	2.6	X	57.6	3.5	X	35.4	0.2	0.6	4.5	0.13	0.3	1.1	24	3	27.3	2.1	42
JTRC273	83	84	comp20231017	3.5	6892.2	2.3	0.15	58.7	16.3	X	4.8	3.4	2.1	0.8	25.2	5.1	3.6	1.1	0.7	0.44	25	0.3	1.33	3.95	2	0.36	4.5	20.2	0.25	5.3	66.3	2.6	X	57.6	3.5	X	35.4	0.2	0.6	4.5	0.13	0.3	1.1	24	3	27.3	2.1	42
JTRC274	0	1	comp20231018	4.9	769.2	2.1	1.92	62.4	2.7	X	1.4	1.9	1.1	0.7	32.5	5.8	3.1	1.2	0.3	0.17	30.5	0.2	1.9	0.2	1	0.21	4.1	33.3	0.29	8.2	17.8	2.4	X	49.0	4.2	X	488.5	0.3	0.4	4.4	0.15	0.2	1.7	40	2	9.5	1.3	41
JTRC274	1	2	comp20231018	4.9	769.2	2.1	1.92	62.4	2.7	X	1.4	1.9	1.1	0.7	32.5	5.8	3.1	1.2	0.3	0.17	30.5	0.2	1.9	0.2	1	0.21	4.1	33.3	0.29	8.2	17.8	2.4	X	49.0	4.2	X	488.5	0.3	0.4	4.4	0.15	0.2	1.7	40	2	9.5	1.3	41
JTRC274	2	3	202304549	4.2	547.6	1.5	2.04	156.8	3.9	X	6.1	2.4	1.1	1.3	25.1	5.7	4.8	1.6	0.4	0.35	61.3	0.2	3.47	0.27	1	0.38	3.7	67.6	0.16	16.4	72.9	2.3	X	53.5	8.3	X	447.1	0.3	0.5	3.6	0.17	0.1	0.8	75	1	10.8	0.9	56
JTRC274	3	4	comp20231019	4.6	960.6	2.6	1.37	98.5	2.8	24	1.5	2	1	0.8	28.8	5	3.3	1.1	0.4	0.14	39.5	0.1	1.42	0.17	2	0.23	3.8	44.2	0.23	10.4	15.8	3	X	54.7	5.3	X	277.5	0.3	0.4	4.6	0.15	0.2	1.5	40	2	9.8	1	42
JTRC274	4	5	comp20231019	4.6	960.6	2.6	1.37	98.5	2.8	24	1.5	2	1	0.8	28.8	5	3.3	1.1	0.4	0.14	39.5	0.1	1.42	0.17	2	0.23	3.8	44.2	0.23	10.4	15.8	3	X	54.7	5.3	X	277.5	0.3	0.4	4.6	0.15	0.2	1.5	40	2	9.8	1	42
JTRC274	5	6	202304553	10.7	710.4	2.8	0.05	58.7	1.3	22	0.2	1.9	1	0.7	25.9	10.1	2.4	2.6	0.4	0.12	24.8	0.2	0.12	0.12	X	0.15	7.8	22.3	0.45	6	4.4	1.8	11	55.4	2.9	X	90	0.6	0.3	9.7	0.27	0.1	2.5	42	2	8.9	1.5	84
JTRC274	6	7	comp20231020	6.7	989.7	2.5	0.13	156.3	1.5	26	0.5	4.9	1.5	2.3	28.1	5.7	8	1.3	0.7	0.08	76.6	0.2	0.24	0.08	X	0.2	4.7	71.9	0.43	18.1	4.2	2	X	57.0	12.4	1	222.7	0.4	1	6.2	0.17	0.2	1.8	32	2	12.5	1.1	50
JTRC274	7	8	comp20231020	6.7	989.7	2.5	0.13	156.3	1.5	26	0.5	4.9	1.5	2.3	28.1	5.7	8	1.3	0.7	0.08	76.6	0.2	0.24	0.08	X	0.2	4.7	71.9	0.43	18.1	4.2	2	X	57.0	12.4	1	222.7	0.4	1	6.2	0.17	0.2	1.8	32	2	12.5	1.1	50
JTRC274	8	9	comp20231021	9.2	1504.5	2.6	0.06	101.6	0.9	34	0.4	3.5	1.2	1.6	27.7	10.5	5.4	2	0.5	0.2	44.6	0.2	0.13	0.15	1	0.15	7.6	43.5	0.42	10.8	7.9	1.8	X	54.9	7.5	2	148.6	0.6	0.7	9.9	0.29	0.2	1.6	46	2	9.9	1.2	72
JTRC274	9	10	comp20231021	9.2	1504.5	2.6	0.06	101.6	0.9	34	0.4	3.5	1.2	1.6	27.7	10.5	5.4	2	0.5	0.2	44.6	0.2	0.13	0.15	1	0.15	7.6	43.5	0.42	10.8	7.9	1.8	X	54.9	7.5	2	148.6	0.6	0.7	9.9	0.29	0.2	1.6	46	2	9.9	1.2	72
JTRC274	10	11	comp20231022	10.4	1265.2	2.1	0.04	45.1	1	59	0.3	2.5	1.4	0.6	18.9	13	2.7	3.2	0.4	0.37	55.7	0.3	0.09	0.14	X	0.18	10.8	23.1	0.28	6.7	13.3	1.6	X	62.4	3.4	3	59.8	0.9	0.4	14.9	0.43	0.2	2.7	70	2	12.4	1.7	110
JTRC274	11	12	comp20231022	10.4	1265.2	2.1	0.04	45.1	1	59	0.3	2.5	1.4	0.6	18.9	13	2.7	3.2	0.4	0.37	55.7	0.3	0.09	0.14	X	0.18	10.8	23.1	0.28	6.7	13.3	1.6	X	62.4	3.4	3	59.8	0.9	0.4	14.9	0.43	0.2	2.7	70	2	12.4	1.7	110
JTRC274	12	13	comp20231023	5.4	406.8	2.8	0.04	237.8	2.7	33	3.5	5.4	2.9	2	33.0	7.3	7.1	1.7	1	0.24	102.1	0.4	0.4	0.16	1	0.29	6	71.1	0.53	21.8	39.6	2.5	X	51.1	10.9	1	204.8	0.5	1	7.6	0.21	0.4	2.3	42	2	26.4	2.6	61
JTRC274	13	14	comp20231023	5.4	406.8	2.8	0.04	237.8	2.7	33	3.5	5.4	2.9	2	33.0	7.3	7.1	1.7	1	0.24	102.1	0.4	0.4	0.16	1	0.29	6	71.1	0.53	21.8	39.6	2.5	X	51.1	10.9	1	204.8	0.5	1	7.6	0.21	0.4	2.3	42	2	26.4	2.6	61
JTRC274	14	15	comp20231024	5.8	722.9	3.3	0.04	239	3.8	X	17.9	4.7	2.6	1.6	25.7	6.7	6.3	1.8	1	0.43	74.3	0.4	1.35	0.07	1	0.3	5.3	58.3	0.31	16.6	163.3	1.3	X	57.6	8.5	1	143.5	0.4	0.8	6.2	0.18	0.4	1.7	33	2	29.5	2.3	62
JTRC274	15	16	comp20231024	5.8	722.9	3.3	0.04	239	3.8	X	17.9	4.7	2.6	1.6	25.7	6.7	6.3	1.8	1	0.43	74.3	0.4	1.35	0.07	1	0.3	5.3	58.3	0.31	16.6	163.3	1.3	X	57.6	8.5	1	143.5	0.4	0.8	6.2	0.18	0.4	1.7	33	2	29.5	2.3	62
JTRC274	16	17	comp20231025	5.4	998.7	3.7	0.05	140	5	21	9.2	6.3	3.9	1.8	33.2	6.8	7.3	1.2	1.3	0.27	53.8	0.5	1.11	0.47	1	0.29	4.8	54	0.33	13.2	97.5	3.1	X	50.6	8.7	X	191	0.4	1.1	6.3	0.18	0.5	2.5	35	2	47	3.3	46
JTRC274	17	18	comp20231025	5.4	998.7	3.7	0.05	140	5	21	9.2	6.3	3.9	1.8	33.2	6.8	7.3	1.2	1.3	0.27	53.8	0.5	1.11	0.47	1	0.29	4.8	54	0.33	13.2	97.5	3.1	X	50.6	8.7	X	191	0.4	1.1	6.3	0.18	0.5	2.5	35	2	47	3.3	46
JTRC274	18	19	comp20231026	8.4	817.4	3	0.03	116.2	2	31	7.6	2.9	1.5	0.9	24.0	10.1	3.2	2.3	0.5	0.28	42.3	0.2	0.2	0.15	2	0.11	7.1	34.4	0.53	9.9	50.7	1.9	X	60.3	5.5	1	50.1	0.6	0.5	10.1	0.26	0.2	8	44	2	14.9	1.6	82
JTRC274	19	20	comp20231026	8.4	817.4	3	0.03	116.2	2	31	7.6	2.9	1.5	0.9	24.0	10.1	3.2	2.3	0.5	0.28	42.3	0.2	0.2	0.15	2	0.11	7.1	34.4	0.53	9.9	50.7	1.9	X	60.3	5.5	1	50.1	0.6	0.5	10.1	0.26	0.2	8	44	2	14.9	1.6	82
JTRC274	20	21	comp20231027	11.8	1207.4	2.4	0.02	30.3	2.2	47	0.5	1.4	0.9	0.2	25.8	13	1	2.9	0.3	0.16	7.9	0.2	0.08	0.76	2	0.11	10.7	4.7	0.34	1.4	8.2	1.2	X	53.8	1.1	2	14	0.9	0.1	13.3	0.37	0.2	3.9	61	3	8.2	1.1	102
JTRC274	21	22	comp20231027	11.8	1207.4	2.4	0.02	30.3	2.2	47	0.5	1.4	0.9	0.2	25.8	13	1	2.9	0.3	0.16	7.9	0.2	0.08	0.76	2	0.11	10.7	4.7	0.34	1.4	8.2	1.2	X	53.8	1.1	2	14	0.9	0.1	13.3	0.37	0.2	3.9	61	3	8.2	1.1	102
JTRC274	22	23	202304571	14.9	2961.3	4.5	0.05	67.0	101.9	52	0.3	1.9	1.1	0.6	19.2	19.9	1.6	3.6	0.4	0.87	10.1	0.																										

