

May 23, 2023

# Strong assays pave way for more Resource growth at Koppamurra rare earths project

## Latest drilling intersects significant mineralisation outside existing resource

Australian Rare Earths Limited (ASX: AR3) is pleased to announce strong drilling results which point to another increase in the Resource at its Koppamurra ionic clay-hosted rare earths project in South Australia.

The assays, which show the mineralisation extends north and south of the existing Resource, will be included in the Resource update scheduled for the coming quarter.

### Significant Intercepts include:

- KM3892, 3m @ 1,311 ppm TREO from 4m, with 21.7% combined Neodymium/Praseodymium (Nd/Pr) and 2.0% Dysprosium (Dy) – section 1
- KM4053, 3m @ 857 ppm TREO from surface, with 23.5% combined Nd/Pr and 2.9% Dy – Section 3
- KM3922, 4m @ 1,210 ppm TREO from surface, with 21.9% combined Nd/Pr and 2.6% Dy
- KM3949, 3m @ 1,242 ppm TREO from 2m, with 22.4% combined Nd/Pr and 2.7% Dy – Section 2
- KM4027, 7m @ 935 ppm TREO from 3m, with 19.5% combined Nd/Pr and 2.6% Dy
- KM4038, 2m @ 2,181 ppm TREO from 3m, with 21.8% combined Nd/Pr and 3.4% Dy
- KM3748, 2m @ 1,767 ppm TREO from 4m, with 25.9% combined Nd/Pr and 1.8% Dy
- KM3901, 3m @ 1,777 ppm TREO from 3m, with 21.1% combined Nd/Pr and 2.4% Dy – Section 2
- KM4097, 4m @ 1,958 ppm TREO from 5m, with 21.7% combined Nd/Pr and 2.5% Dy – Section 4

Acting Managing Director Rick Pobjoy said:

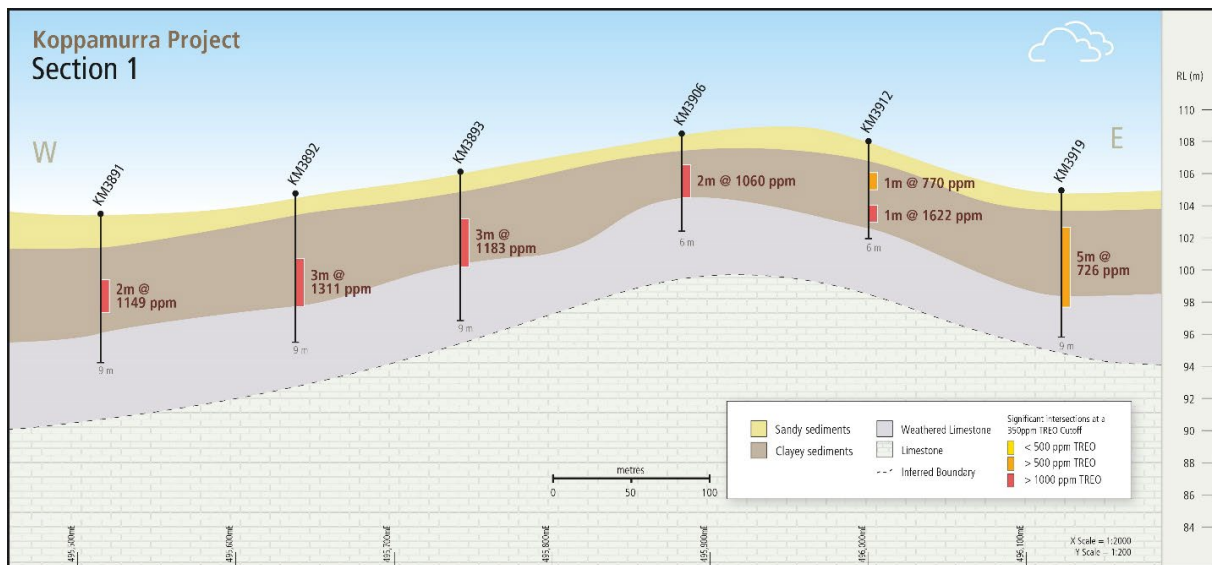
*“Advances to our project are coming at a very good time, we are highly encouraged by this weekend’s Australia-United States Joint Leaders’ Statement, and the signing of the Climate, Critical Minerals and Clean Energy Transformation Compact between Australia and the USA. Koppamurra is in the right place at the right time to take full advantage of this development.”*

*“The evidence is mounting of the significant potential within Koppamurra to stand as a globally significant multigenerational resource. We look forward to working together with resource estimation consultants on the next JORC update of this growing ionic clay hosted rare earth mineral resource at Koppamurra.”*

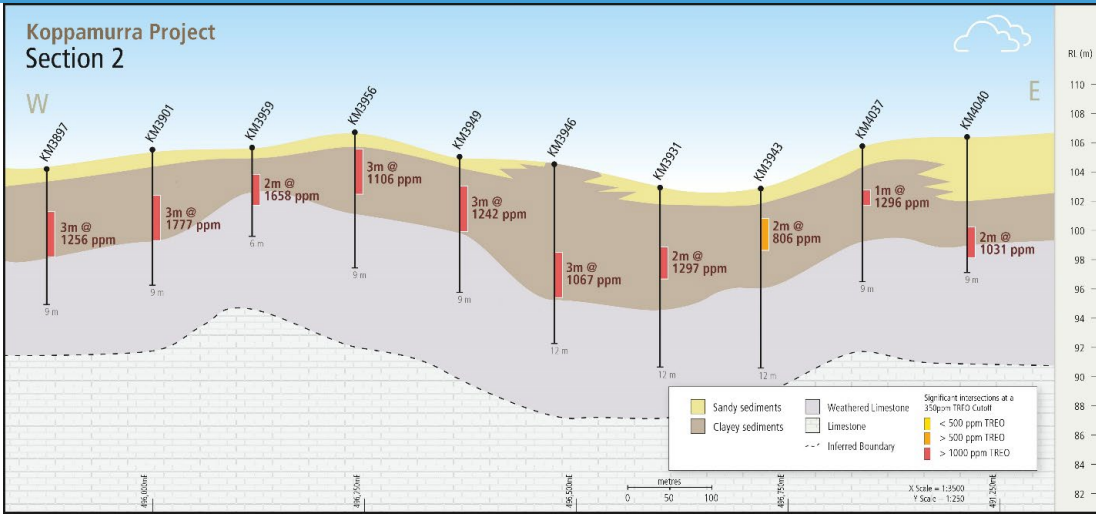
*“These initial assay results received from Bureau Veritas are very welcome. They support our expectation for extensions of the existing resource and of the regional extent of the Koppamurra mineralisation. Encouragingly, many of the mineralised intervals identified in the southern extension of the resource significantly exceed the average grade for the current Mineral Resource Estimate.”*

Drilling completed since February 1<sup>st</sup> on the extensions to the recently updated Mineral Resource Estimate (MRE) at Koppamurra (ASX: 3 April 2023) has included 698 drillholes for 7,363m with an average depth of just 10.5m. Approximately 5,000 additional assays have been collected as part of this drill campaign, of which the final 2,000 are expected to be received shortly. Once received these assays will provide a robust data set for a significant update to the current MRE scheduled for the next Quarter.

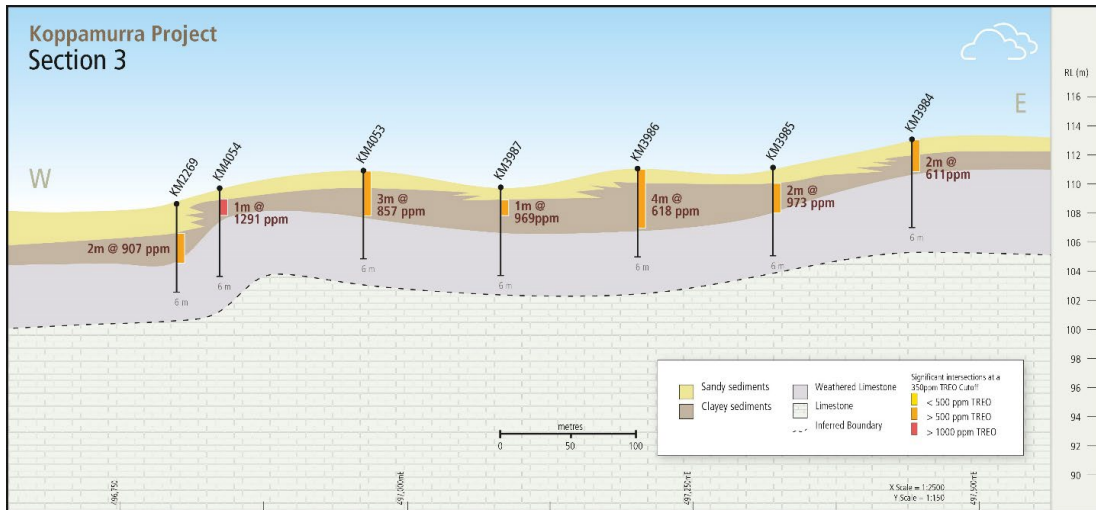
As announced recently (ASX: 10 May 2023) regional drilling also continues on resource definition of the Northern most Exploration Target and with road verge drilling planned to be conducted on areas in between the existing Exploration Target areas in an effort to both extend the Exploration Target and to begin establishing a MRE for the Frances region.



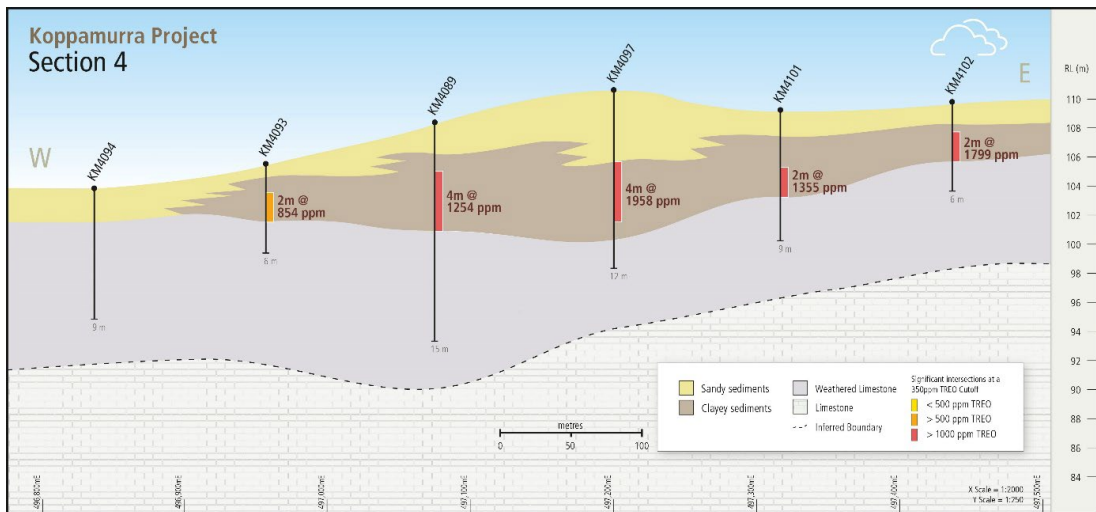
Section 1, Koppamurra Southern Resource Extension



Section 2, Koppamurra Southern Resource Extension



Section 3, Koppamurra Southern Resource Extension



Section 4, Koppamurra Southern Resource Extension



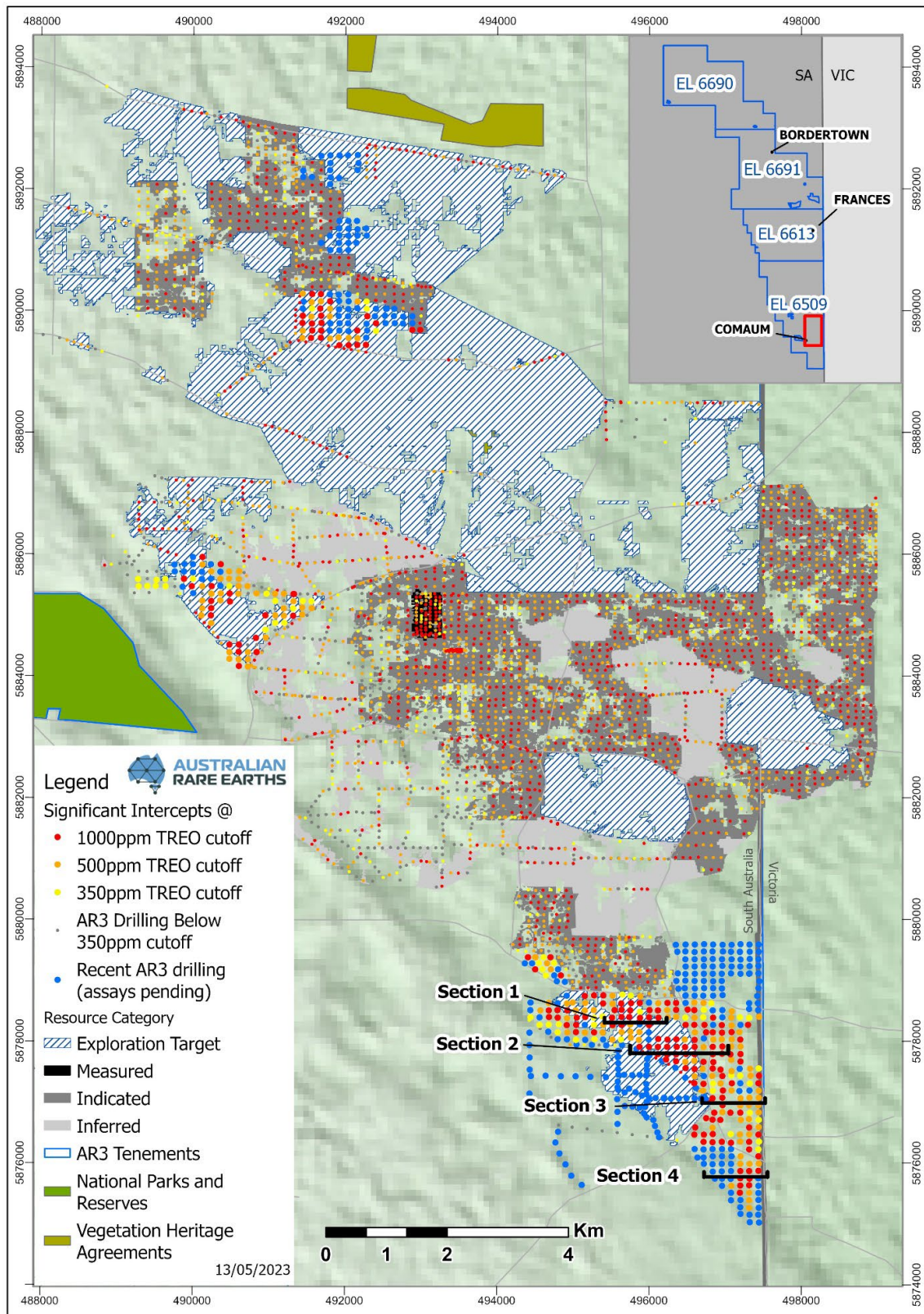


Figure 1, Drillhole and Section Location Plan. New drilling and Significant Intersection identified with larger circles than existing drilling and Significant Intersections overlaying the current resource outlines.

The announcement has been authorised for release the by the Board of AR3 Limited.

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**Competent Person Statement**

*The information in this report that relates to Exploration results is based on information compiled by Australian Rare Earths Limited and reviewed by Mr Rick Pobjoy who is the Acting Managing Director of the Company and a member of the Australian Institute of Mining and Metallurgy (AusIMM). Mr Pobjoy has sufficient experience that is relevant to the style of mineralisation, the type of deposit under consideration and to the activities undertaken to qualify as a Competent person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Pobjoy consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.*

**About Australian Rare Earths Limited**

*Australian Rare Earths is committed to the timely exploration and development of its 100% owned, flagship Koppamurra Project, located in South Australia and Victoria. Koppamurra is a prospective ionic clay hosted rare earth deposit, uniquely rich in all the elements required in the manufacture of rare earth permanent magnets which are essential components in electric vehicles, wind turbines and domestic appliances.*

*The Company is focused on executing a growth strategy that will ensure AR3 is positioned to become an independent and sustainable source of rare earths, playing a pivotal role in the global transition to a green economy.*

## Appendix 1 – JORC Tables

Section 1 Sampling Techniques and Data		
Criteria	Explanation	Comment
Sampling techniques	<p>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., ‘reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay’). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g.,</p>	<p>RC Aircore drilling methods were used obtain samples from the October-December 2021, February-April 2022, September-December 2022, &amp; February-May 2023 drilling programmes. The following information covers the sampling process:</p> <ul style="list-style-type: none"> <li>• All air core samples were collected from the rotary splitter mounted at the bottom of the cyclone using a pre-numbered calico bag and plastic UV sample bag. The samples were geologically logged at 1 m intervals using the marked calico sample which averaged ~1.5 kg in mass.</li> <li>• A handheld Olympus Vanta XFR Analyser was used to assess the geochemistry of the air core samples in the field. The XRF analysis provided a full suite of mineral elements for characterising the lithological units.</li> <li>• XRF readings were downloaded from the XRF Analyser at the end of each day and uploaded to the Australian Rare Earths Azure Data Studio database.</li> <li>• Field duplicates were taken at a rate of 1:36 and inserted blindly into the sample batches.</li> <li>• At the laboratory, the samples were oven dried at 105 degrees for a minimum of 24 hours and secondary crushed to 3 mm fraction and then pulverised to 90% passing 75 µm. Excess residue was maintained for storage while the rest of the sample placed in 8x4 packets and sent to the central weighing laboratory. The samples were submitted for analysis using XRF-ICP-MS method.</li> <li>• A laboratory repeat was taken at ~ 1 in 21 samples;</li> <li>• Commercially obtained standards were inserted by the laboratory at a rate of ~ 1</li> </ul>

	<i>submarine nodules) may warrant disclosure of detailed information.</i>	<i>in 9 into the sample sequence.</i>
<i>Drilling techniques</i>	<i>Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g., core diameter, triple or standard tube, depth of diamond tails, face-sampling bit, or other type, whether core is oriented and if so, by what method, etc).</i>	<ul style="list-style-type: none"> <li>• <i>McLeod Drilling used a Toyota Land air core rig and support vehicle for the aircore drilling.</i></li> <li>• <i>Aircore drilling is a form of reverse circulation drilling where the sample is collected at the face and returned inside the inner tube. The drill cuttings are removed by injection of compressed air into the hole via the annular area between the inner tube and the drill rod.</i></li> <li>• <i>Aircore drill rods used were 3 m long.</i></li> <li>• <i>NQ diameter (76 mm) drill bits and rods were used.</i></li> <li>• <i>All aircore drill holes were vertical with depths varying between 2 m and 36 m.</i></li> </ul>
<i>Drill sample recovery</i>	<i>Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	<ul style="list-style-type: none"> <li>• <i>Drill sample recovery for aircore is monitored by recording sample condition descriptions where 'Poor' to 'Very Poor' were used to identify any samples recovered which were potentially not representative of the interval drilled.</i></li> <li>• <i>A comment was included where water injection was required to recover the sample from a particular interval. The use of water injection can potentially bias a sample and very little water injection was required during this drilling programme.</i></li> <li>• <i>No significant losses of samples were observed due to the shallow drilling depths (&lt;36 m).</i></li> <li>• <i>The rotary splitter was set to an approximate 20% split, which produced approximately 1.5 kg sample for each meter interval.</i></li> <li>• <i>The 1.5 kg sample was collected in a pre-numbered calico bags and the remaining 80% (5 kg to 8 kg) was collected in plastic UV bags labelled with the hole number and sample interval.</i></li> <li>• <i>At the end of each drill rod, the drill string is cleaned by blowing down with air to remove any clay and silt potentially built up in the sample pipes and cyclone.</i></li> </ul>

		<ul style="list-style-type: none"> <li>No relationship exists between sample recovery and grade.</li> </ul>
Logging	<p>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged.</p>	<ul style="list-style-type: none"> <li>All aircore samples collected in calico bags were logged for lithology, colour, cement type, hardness, percentage rock estimate, sorting, and any relevant comments such as moisture, sample condition, or vegetation.</li> <li>Geological logging data for all drill holes was qualitatively logged onto Microsoft Excel spreadsheet using a Panasonic Toughbook with validation rules built into the spreadsheet including specific drop-down menus for each variable. The data was uploaded to the Australian Rare Earths Azure Data Studio database.</li> <li>Every drill hole was logged in full and logging was undertaken with reference to a drilling template with codes prescribed and guidance to ensure consistent and systematic data collection</li> </ul>
Sub-sampling techniques and sample preparation	<p>If core, whether cut or sawn and whether quarter, half or all cores taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality, and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half</p>	<ul style="list-style-type: none"> <li>1 m aircore sample interval were homogenised within the cyclone and the rotary splitter was set to an approximate 20% split producing around 1.5 kg sample for each metre interval.</li> <li>The 1.5 kg sample was collected in a pre-numbered calico bag and the 80% (5 kg to 8 kg) portion was collected in plastic UV bags labelled with hole identity and interval.</li> <li>Duplicates were generally taken within the clay lithologies above the basement as this is the likely zone of REE enrichment. These duplicate samples were normally collected by using a second calico bag and placing it under the rotary splitter collecting a 20% split but due to the difficulties of placing a second calico bag under the rotary splitter during sample collection, some duplicates were collected by hand from the plastic UV bags which captured the other 80% of the material recovered from any particular interval.</li> <li>The material in the plastic UV bags was mixed up and every attempt to take as</li> </ul>



	<p>sampling. Whether sample sizes are appropriate to the grain size of the material being sampled.</p>	<p>representative sample of the material as possible by hand was made and then placed in a pre-numbered calico bag.</p> <ul style="list-style-type: none"> <li>• The 1.5 kg sample collected in the calico bag was logged by the geologist onsite. The logged samples were placed in polyweave bags and sent to Naracoorte base at the end of each day. The polyweave bags were then placed on pallets and dispatched to Bureau Veritas laboratory in Adelaide in Bulka Bags.</li> <li>• The remaining 80% split from the aircore interval was stored for future reference.</li> <li>• Field duplicates of all the samples were completed at a frequency of 1 in 38 samples. Field standards were inserted into the sample sequence at a frequency of 1:59. Standard reference Material (SRM) samples were inserted into the sample batches at a frequency rate of 1 per 10 samples by the laboratory and a repeat sample was taken at a rate of 1 per 21 samples.</li> <li>• A rig geologist oversaw the sampling and logging process while a second geologist selected samples for analysis based on the logging descriptions and Pxf analysis. Clay rich sample and those adjacent to the limestone basement contact were selected for assay. REEs are known to be contained within the clay component of the sediment package based on analysis of XRF data and previous exploration work.</li> </ul>
<p>Quality of assay data and laboratory tests</p>	<p>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.</p>	<ul style="list-style-type: none"> <li>• The detailed geological logging of samples provides lithology (clay component) and proximity to the limestone basement which is sufficient for the purpose of determining the mineralised zone.</li> <li>• The 1.5 kg aircore samples were assayed by Bureau Veritas laboratory in Wingfield, Adelaide, South Australia, which is considered the Primary laboratory.</li> <li>• The samples were initially oven dried at 105 degrees Celsius for 24 hours. Samples were secondary crushed to 3 mm fraction and the weight recorded. The sample was then pulverised to 90% passing 75 µm. Excess residue was maintained for storage while the rest of the sample placed in 8x4 packets</li> </ul>

	<p><i>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.</i></p>	<p><i>and sent to the central weighing laboratory.</i></p> <ul style="list-style-type: none"> <li>• <i>All weighed samples were then analysed using the Multiple Elements Fusion/Mixed Acid Digest analytical method;</i></li> <li>• <i>ICP Scan (Mixed Acid Digest – Lithium Borate Fusion) Samples are digested using a mixed acid digest and also fused with Lithium Borate to ensure all elements are brought into solution. The digests are then analysed for the following elements (detection Limits shown): Al (100) As (1) Ba (1) Be (0.5) Ca(100) Ce (0.1) Co (1) Cr (10) Dy (0.05) Er (0.05) Eu(0.05) Fe(100) Gd (0.2) Ho (0.02) K (100) La (0.5) Lu (0.02) Mg (100) Mn (2) Na (100) Nd (0.05) Ni (2) Pr (0.2) S (50) Sc (1) Si (100) Sm(0.05) Sr (0.5) Th (0.1) Ti (50) Tm (0.2) U (0.1) V (5) Y (0.1) Yb (0.05) Zr (1)</i></li> <li>• <i>Field duplicates were collected and submitted at a frequency of 1 per 36 samples.</i></li> <li>• <i>Bureau Veritas completed its own internal QA/QC checks that included a Laboratory repeat every 21<sup>st</sup> sample and a standard reference sample every 9<sup>th</sup> sample prior to the results being released.</i></li> <li>• <i>Analysis of QA/QC samples show the laboratory data to be of acceptable accuracy and precision;</i></li> <li>• <i>Australian Rare Earths submitted field standards at a frequency of 1:59 samples.</i></li> <li>• <i>Australian Rare Earths requested BV insert blank washes at a frequency of 1:40 samples. These blank washes were inserted in the sample sequence behind samples which were thought to be mineralized to ensure that no contamination from higher grade samples was occurring. Frequency of blank samples totaled 1 in 24 samples.</i></li> </ul> <p><i>The adopted QA/QC protocols are acceptable for this stage of test work. The sample preparation and assay techniques used are industry standard and provide a total analysis.</i></p>
<p><i>Verification of sampling and assaying</i></p>	<p><i>The verification of significant intersections by either independent or</i></p>	<ul style="list-style-type: none"> <li>• <i>All results are checked by the company's Technical Director.</i></li> <li>• <i>Field based geological logging for drill</i></li> </ul>

	<p><i>alternative company personnel.</i></p> <p><i>The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></p> <p><i>Discuss any adjustment to assay data.</i></p>	<p><i>holes was entered directly into an Excel spreadsheet format with validation rules built into the spreadsheet including specific drop-down menus for each variable. This digital data was then uploaded to the Australian Rare Earths Azure Data Studio database.</i></p> <ul style="list-style-type: none"> <li>• <i>Assay data was received in digital format from the laboratory and was uploaded Australian Rare Earths Azure Data Studio database.</i></li> <li>• <i>Field and laboratory duplicate data pairs of each batch are plotted to identify potential quality control issues.</i></li> <li>• <i>Standard Reference Material sample results are checked from each sample batch to ensure they are within tolerance (&lt;3SD) and that there is no bias.</i></li> <li>• <i>The field and laboratory data was exported and imported into Datamine by IHC Robbins which is appropriate for this stage in the program. Data validation criteria are included to check for overlapping sample intervals, end of hole match between 'Lithology', 'Sample', 'Survey' files and other common errors.</i></li> <li>• <i>Assay data yielding elemental concentrations for rare earths (REE) within the sample are converted to their stoichiometric oxides (REO) in a calculation performed within the database using the conversion factors in the below table.</i></li> <li>• <i>Rare earth oxide is the industry accepted form for reporting rare earths. The following calculations have been used for reporting throughout this report:</i></li> <li>• <i>Note that Y2O3 is included in the TREO, HREO and CREO calculation.</i></li> </ul> <p><b>TREO</b> = La<sub>2</sub>O<sub>3</sub> + CeO<sub>2</sub> + Pr<sub>6</sub>O<sub>11</sub> + Nd<sub>2</sub>O<sub>3</sub> + Sm<sub>2</sub>O<sub>3</sub>+ Eu<sub>2</sub>O<sub>3</sub> + Gd<sub>2</sub>O<sub>3</sub> + Tb<sub>4</sub>O<sub>7</sub> + Dy<sub>2</sub>O<sub>3</sub> + Ho<sub>2</sub>O<sub>3</sub> + Er<sub>2</sub>O<sub>3</sub> + Tm<sub>2</sub>O<sub>3</sub> + Yb<sub>2</sub>O<sub>3</sub> + Lu<sub>2</sub>O<sub>3</sub>+ Y<sub>2</sub>O<sub>3</sub></p> <p><b>CREO</b> = Nd<sub>2</sub>O<sub>3</sub> + Eu<sub>2</sub>O<sub>3</sub> + Tb<sub>4</sub>O<sub>7</sub> + Dy<sub>2</sub>O<sub>3</sub> + Y<sub>2</sub>O<sub>3</sub></p> <p><b>LREO</b> = La<sub>2</sub>O<sub>3</sub> + CeO<sub>2</sub> + Pr<sub>6</sub>O<sub>11</sub> + Nd<sub>2</sub>O<sub>3</sub></p>
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**HREO** = Sm<sub>2</sub>O<sub>3</sub> + Eu<sub>2</sub>O<sub>3</sub> + Gd<sub>2</sub>O<sub>3</sub> + Tb<sub>4</sub>O<sub>7</sub> + Dy<sub>2</sub>O<sub>3</sub> + Ho<sub>2</sub>O<sub>3</sub> + Er<sub>2</sub>O<sub>3</sub> + Tm<sub>2</sub>O<sub>3</sub> + Yb<sub>2</sub>O<sub>3</sub> + Lu<sub>2</sub>O<sub>3</sub> + Y<sub>2</sub>O<sub>3</sub>  
**NdPr** = Nd<sub>2</sub>O<sub>3</sub> + Pr<sub>6</sub>O<sub>11</sub>

**TREO-Ce** = TREO - CeO<sub>2</sub>

**NdPr** = Nd + Pr

Element Oxide	Oxide Factor
CeO <sub>2</sub>	1.2284
Dy <sub>2</sub> O <sub>3</sub>	1.1477
Er <sub>2</sub> O <sub>3</sub>	1.1435
Eu <sub>2</sub> O <sub>3</sub>	1.1579
Gd <sub>2</sub> O <sub>3</sub>	1.1526
Ho <sub>2</sub> O <sub>3</sub>	1.1455
La <sub>2</sub> O <sub>3</sub>	1.1728
Lu <sub>2</sub> O <sub>3</sub>	1.1371
Nd <sub>2</sub> O <sub>3</sub>	1.1664
Pr <sub>6</sub> O <sub>11</sub>	1.2082
Sc <sub>2</sub> O <sub>3</sub>	1.5338
Sm <sub>2</sub> O <sub>3</sub>	1.1596
Tb <sub>4</sub> O <sub>7</sub>	1.1762
ThO <sub>2</sub>	1.1379
Tm <sub>2</sub> O <sub>3</sub>	1.1421
U <sub>3</sub> O <sub>8</sub>	1.1793
Y <sub>2</sub> O <sub>3</sub>	1.2699
Yb <sub>2</sub> O <sub>3</sub>	1.1387

Location of data points

Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control.

- Down hole surveys for shallow vertical aircore drill holes are not required.
- The drill hole collars were located using a GPS unit to identify the positions of the drill holes in the field. The handheld GPS has an accuracy of +/-5m in the horizontal.
- The datum used is GDA2020/MGA Zone 54.
- Topographic data over the southern area of the resource (including all Inferred/Indicated/Measured resource areas) is derived from a fixed wing LiDAR survey flown in May 2022 by Aerometrex using their RIEGL VQ-780ii sensor. The LiDAR survey data was captured at a minimum 25 points per meter and flown at a height of 591m to ensure ~10cm vertical

		<p>accuracy.</p> <ul style="list-style-type: none"> <li>• Topographic DTM surface over the northern area of the resource (Frances Exploration Target area) is derived from DGPS drill collar positions at this stage of exploration and the RL has been corrected using An Australian wide SRTM. The 1 second SRTM Level 2 Derived Smoothed Digital Elevation Model (DEM-S) is derived from the 2000 SRTM. The DEM-S has a ~30m grid which has been adaptively smoothed to improve the representation of the surface shape and is the preferred method for shape and vertical accuracy from STRM products. The smoothing process estimated typical improvements in the order of 2-3 m. This would make the DEM-S accuracy to be of approximately 5 m.</li> <li>• The accuracy of the locations is sufficient for this stage of exploration.</li> </ul>
<p>Data spacing and distribution</p>	<p>Data spacing for reporting of Exploration Results. Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied.</p>	<ul style="list-style-type: none"> <li>• The holes were largely drilled at between 100 m and 400 m spacings along accessible road verges.</li> <li>• Drill spacing within paddocks and forested areas was largely completed at 100 m to 120 m spacings, with a small portion of holes drilled at 60 m spacings.</li> <li>• The drilling of aircore holes was conducted to determine the regional prospectivity of the wider Koppamurra Project area and for the purposes of generating a mineral resource estimate.</li> <li>• No sample compositing has been applied.</li> </ul>
<p>Orientation of data in relation to geological structure</p>	<p>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</p>	<ul style="list-style-type: none"> <li>• The Koppamurra mineralisation is interpreted to be hosted in flay lying clays that are horizontal.</li> <li>• All drill holes are vertical which is appropriate for horizontal bedding and regolith profile.</li> <li>• The Koppamurra drilling was oriented perpendicular to the strike of mineralisation defined by previous exploration and current geological interpretation.</li> </ul>

	<p><i>considered to have introduced a sampling bias, this should be assessed and reported if material.</i></p>	<ul style="list-style-type: none"> <li>• <i>The strike of the mineralisation is north south, and the high grades follow a northwest-southeast trend.</i></li> <li>• <i>All drill holes were vertical, and the orientation of the mineralisation is relatively horizontal.</i></li> <li>• <i>The orientation of the drilling is considered appropriate for testing the lateral and vertical extent of mineralisation without any bias.</i></li> </ul>
<p><i>Sample security</i></p>	<p><i>The measures taken to ensure sample security.</i></p>	<ul style="list-style-type: none"> <li>• <i>After logging, the samples in calico bags were tied and placed into polyweave bags, labelled with the drill hole and sample numbers contained within the polyweave and transported to the base of operations, Naracoorte, at the end of each day.</i></li> <li>• <i>The samples were then placed on pallets ready for transport and remained in a secure compound until transport had been arranged. Pallets were labelled and then ‘shrink-wrapped’ by the transport contractor prior to departure from the Naracoorte base to the analytical laboratory.</i></li> <li>• <i>Samples for analysis were logged against pallet identifiers and a chain of custody form created.</i></li> <li>• <i>Transport to the analytical laboratory was undertaken by an agent for the TOLL Logistics Group, and consignment numbers were logged against the chain of custody forms.</i></li> <li>• <i>The laboratory inspected the packages and did not report tampering of the samples and provided a sample reconciliation report for each sample dispatch.</i></li> </ul>
<p><i>Audits or reviews</i></p>	<p><i>The results of any audits or reviews of sampling techniques and data.</i></p>	<ul style="list-style-type: none"> <li>• <i>Internal reviews were undertaken by AR3’s Exploration Manager and Technical Director during the drilling, sampling, and geological logging process and throughout the sample collection and dispatch process to ensure AR3’s protocols were followed.</i></li> <li>• <i>A review of the database was also undertaken by Wallbridge Gilbert Aztec (WGA) – Consulting Engineers.</i></li> </ul>

## Section 2 Reporting of Exploration Results

Criteria	Explanation	Comment
<p><i>Mineral tenement and land tenure status</i></p>	<p><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></p> <p><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></p>	<p><i>Koppamurra Project comprises of a granted South Australian Exploration Licences (EL), EL6509, EL6613, EL6690 and EL6691, along with Victorian EL007254 and EL7719 covering a combined area of ~4,000 km<sup>2</sup> which is in good standing.</i></p> <p><i>EL6509 is within 100m of a Glen Roy Conservation Park and the Naracoorte Caves National Park, the latter of which is excised from the tenement. The License area contains several small Extractive Mineral Leases (EML) held by others, Native Vegetation Heritage Agreement areas, as well as the Deadman's Swamp Wetlands which are wetlands of national importance.</i></p> <p><i>A Native Title Claim by the First Nations of the South East #1 has been registered but is yet to be determined. The claim area includes the areas covered by EL's 6509, 6613, 6690 and 6691.</i></p> <p><i>The exploration work was completed on the tenements (EL 6509 and EL6613) in South Australia and EL007254 and EL7719 which are 100% owned by the company Australian Rare Earths Ltd.</i></p> <p><i>The Exploration License EL6509 original date of grant was 15/09/2020 with an expiry date of 14/09/2028.</i></p> <p><i>The Exploration License EL6613 original date of grant was 07/07/2021 with an expiry date of 05/07/2027.</i></p> <p><i>The Exploration License EL007254 original date of grant was 29/04/2021 with an expiry date of 28/04/2028.</i></p> <p><i>The Exploration License EL007719 original date of grant was 29/08/2022 with an expiry date of 29/08/2027.</i></p> <p><i>Details regarding royalties are discussed in chapter 3.4 of Australian Rare Earths Prospectus dated 7 May 2021.</i></p>

<p><i>Exploration done by other parties</i></p>	<p><i>Acknowledgment and appraisal of exploration by other parties.</i></p>	<p><i>Exploration activities by other exploration companies in the area have not previously targeted or identified REE mineralisation.</i></p> <p><i>Historical exploration activities in the vicinity of Koppamurra include investigations for coal, gold and base metals, uranium, and heavy mineral sands.</i></p> <p><i>Historical exploration by other parties is detailed in Chapter 7 of Australian Rare Earths Prospectus dated 7 May 2021.</i></p>
<p><i>Geology</i></p>	<p><i>Deposit type, geological setting and style of mineralisation.</i></p>	<p><i>The ionic clay hosted REE mineralisation at Koppamurra is hosted by clayey sediments interpreted to have been deposited onto a limestone base (Gambier Limestone) and accumulated in an interdunal, lagoonal or estuarine environment which has been extensively mapped east of the Kanawinka fault in SE SA. A dedicated post-doctoral research program investigating the source of the REE at Koppamurra is ongoing, with no definitive source of the REE confirmed to date although preliminary results of this study have ruled out the alkali volcanics in south-eastern Australia which was originally considered. Mineralogical test work conducted on clay samples from the project area established that the dominant clay minerals are smectite and kaolin, and that the few REE-rich minerals detected during the scanning electron microscope (SEM) investigation were not considered inconsistent with the suggestion that a significant proportion of REE are distributed in the material as adsorbed elements on clay and iron oxide surfaces.</i></p>
<p><i>Drill hole Information</i></p>	<p><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></p> <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 –</i></li> </ul>	<p><i>The material information for drill holes relating to this report are contained within Appendices of this release.</i></p>



	<p><i>elevation above sea level in metres) of the drill hole collar</i></p> <ul style="list-style-type: none"> <li>- <i>dip and azimuth of the hole</i></li> <li>- <i>down hole length and interception depth</i></li> <li>- <i>hole length.</i></li> </ul> <p><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></p>	
<p><i>Data aggregation methods</i></p>	<p><i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i></p> <p><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></p> <p><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></p>	<p><i>No metal equivalents have been used.</i></p> <p><i>Significant intercepts are calculated using downhole sample length weighted averages and a lower cut-off grade of 325 ppm TREO.</i></p> <p><i>A full list of drill holes with significant intercepts &gt;325 ppm TREO can be found in the appendices of this release.</i></p>
<p><i>Relationship between mineralisatio</i></p>	<p><i>These relationships are particularly important in the reporting of</i></p>	<p><i>All intercepts reported are down hole lengths.</i></p>

<p><i>n widths and intercept lengths</i></p>	<p><i>Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i></p>	<p><i>The mineralisation is interpreted to be flat lying. Morphology of the mineralised unit is influenced by the morphology of the undulating limestone basement below. Drilling is vertical perpendicular to mineralisation. Any internal variations to REE distribution within the horizontal layering was not defined, therefore the true width is considered not known.</i></p>
<p><i>Diagrams</i></p>	<p><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 drill hole collar locations and appropriate sectional views.</i></p>	<p><i>Diagrams are included in the body of this release.</i></p>
<p><i>Balanced reporting</i></p>	<p><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></p>	<p><i>This release contains all drilling results that are consistent with the JORC guidelines. Where data may have been excluded, it is considered not material.</i></p>
<p><i>Other substantive exploration data</i></p>	<p><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></p>	<p><i>All known relevant exploration data has been reported in this release.</i></p>

	<i>characteristics; potential deleterious or contaminating substances.</i>	
<i>Further work</i>	<p><i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></p> <p><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></p>	<p><i>AR3 intend to continue to define the Koppamurra resource during 2023. This will include (but not limited to) drilling, assay, ground based geophysical surveys and further metallurgical testwork.</i></p>

Hole ID	East (m)	North (m)	RL (m ASL)	Drill Method	Down Hole Width (mm)	Total Depth EOH (m)	Azimuth	Dip Direction
KM2269	496798	5877018	108.6	Aircore	76	6	0	-90
KM3594	492879	5889682	89.7	Aircore	76	12	0	-90
KM3595	491560	5885108	82.9	Aircore	76	12	0	-90
KM3596	491556	5885224	84.2	Aircore	76	15	0	-90
KM3597	491443	5885227	86.2	Aircore	76	7	0	-90
KM3598	491433	5885121	82.9	Aircore	76	6	0	-90
KM3599	491436	5885005	80.9	Aircore	76	9	0	-90
KM3600	491317	5884985	82.6	Aircore	76	6	0	-90
KM3601	491317	5885106	81.6	Aircore	76	6	0	-90
KM3602	491193	5885106	81.7	Aircore	76	13	0	-90
KM3603	491320	5885224	84.2	Aircore	76	6	0	-90
KM3604	491327	5885342	83.3	Aircore	76	12	0	-90
KM3605	491322	5885341	83.3	Aircore	76	15	0	-90
KM3606	491194	5885349	81.8	Aircore	76	6	0	-90
KM3607	491196	5885232	82.2	Aircore	76	6	0	-90
KM3608	491196	5884986	85.5	Aircore	76	3	0	-90
KM3609	491198	5884869	85.4	Aircore	76	15	0	-90
KM3610	491083	5884868	85.9	Aircore	76	6	0	-90
KM3611	491080	5884989	82.9	Aircore	76	12	0	-90
KM3612	491080	5885102	81.3	Aircore	76	21	0	-90
KM3613	491081	5885228	79.8	Aircore	76	9	0	-90
KM3614	491078	5885348	79.7	Aircore	76	6	0	-90
KM3615	490967	5885346	78.4	Aircore	76	6	0	-90
KM3616	490833	5885350	79.5	Aircore	76	9	0	-90
KM3617	490723	5885350	78.9	Aircore	76	15	0	-90
KM3618	490952	5884989	82.4	Aircore	76	9	0	-90
KM3619	490953	5884865	84.2	Aircore	76	6	0	-90
KM3620	491081	5884748	87.2	Aircore	76	15	0	-90
KM3621	490957	5884626	83.9	Aircore	76	6	0	-90
KM3622	490829	5884619	81.3	Aircore	76	15	0	-90
KM3623	490841	5884509	83.1	Aircore	76	6	0	-90
KM3624	490718	5884505	81.7	Aircore	76	6	0	-90
KM3625	490719	5884611	83.4	Aircore	76	6	0	-90
KM3626	490954	5884754	87.7	Aircore	76	6	0	-90
KM3627	490834	5884386	80.6	Aircore	76	15	0	-90
KM3628	490839	5884392	80.7	Aircore	76	15	0	-90
KM3629	490721	5884151	83.2	Aircore	76	21	0	-90
KM3630	490720	5884270	81.4	Aircore	76	17	0	-90
KM3631	490720	5884390	80.1	Aircore	76	6	0	-90
KM3632	490602	5884159	81.5	Aircore	76	27	0	-90
KM3633	490599	5884268	80.5	Aircore	76	6	0	-90
KM3634	490601	5884391	79.3	Aircore	76	9	0	-90
KM3635	490604	5884509	78.5	Aircore	76	24	0	-90
KM3636	490480	5884510	78.5	Aircore	76	9	0	-90
KM3637	490477	5884388	78.8	Aircore	76	18	0	-90
KM3638	490479	5884278	79.9	Aircore	76	6	0	-90
KM3639	490240	5884864	77.6	Aircore	76	9	0	-90
KM3640	490233	5884988	78	Aircore	76	18	0	-90
KM3641	490111	5884991	78.1	Aircore	76	21	0	-90
KM3642	490238	5885107	78.1	Aircore	76	6	0	-90
KM3643	490238	5885226	77.4	Aircore	76	9	0	-90
KM3644	490243	5885347	77.6	Aircore	76	15	0	-90
KM3645	490239	5885349	77.6	Aircore	76	15	0	-90
KM3646	490246	5885468	77.7	Aircore	76	6	0	-90
KM3647	490121	5885470	77.5	Aircore	76	12	0	-90
KM3648	490118	5885349	78.1	Aircore	76	12	0	-90
KM3649	490362	5885353	78.5	Aircore	76	6	0	-90
KM3650	490358	5885237	77.2	Aircore	76	9	0	-90
KM3651	490480	5885349	78.7	Aircore	76	6	0	-90
KM3652	490595	5885348	78.3	Aircore	76	6	0	-90
KM3653	490484	5885216	77.1	Aircore	76	7	0	-90
KM3654	490120	5885105	78.6	Aircore	76	18	0	-90
KM3655	490121	5885231	79	Aircore	76	24	0	-90
KM3656	489964	5885226	91.7	Aircore	76	3	0	-90
KM3657	489761	5885466	89.9	Aircore	76	3	0	-90
KM3658	489761	5885589	89.3	Aircore	76	3	0	-90
KM3659	489636	5885710	85	Aircore	76	3	0	-90
KM3660	489635	5885587	86.7	Aircore	76	6	0	-90
KM3661	489636	5885469	83.2	Aircore	76	3	0	-90
KM3662	489508	5885473	81.6	Aircore	76	5	0	-90
KM3663	489519	5885572	86.3	Aircore	76	5	0	-90
KM3664	489520	5885711	84.5	Aircore	76	3	0	-90

KM3665	489395	5885709	89.3	Aircore	76	3	0	-90
KM3666	489399	5885591	88.1	Aircore	76	3	0	-90
KM3667	489396	5885472	83	Aircore	76	9	0	-90
KM3668	489283	5885470	83.9	Aircore	76	3	0	-90
KM3669	489276	5885589	88.6	Aircore	76	6	0	-90
KM3670	489284	5885714	90.2	Aircore	76	3	0	-90
KM3671	489860	5885461	89.5	Aircore	76	3	0	-90
KM3672	489880	5885588	81.1	Aircore	76	12	0	-90
KM3673	489882	5885591	80.7	Aircore	76	12	0	-90
KM3674	489998	5885591	77.1	Aircore	76	9	0	-90
KM3675	489983	5885469	79.8	Aircore	76	22	0	-90
KM3676	490002	5885355	82.4	Aircore	76	12	0	-90
KM3677	489760	5885711	82.9	Aircore	76	3	0	-90
KM3678	489756	5885823	78.1	Aircore	76	12	0	-90
KM3679	489879	5885712	77.7	Aircore	76	12	0	-90
KM3680	489888	5885832	77	Aircore	76	15	0	-90
KM3681	489998	5885949	76.5	Aircore	76	12	0	-90
KM3682	489996	5885831	76.9	Aircore	76	12	0	-90
KM3683	489999	5885697	76.6	Aircore	76	10	0	-90
KM3684	490118	5885588	76	Aircore	76	12	0	-90
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KM3686	490235	5885595	77.8	Aircore	76	12	0	-90
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KM3688	490361	5885593	80.1	Aircore	76	18	0	-90
KM3689	490361	5885706	82	Aircore	76	6	0	-90
KM3690	490361	5885830	82	Aircore	76	9	0	-90
KM3691	490234	5885830	79.1	Aircore	76	9	0	-90
KM3692	490236	5885711	78.4	Aircore	76	6	0	-90
KM3693	490472	5885713	84.7	Aircore	76	6	0	-90
KM3694	490473	5885592	83.4	Aircore	76	12	0	-90
KM3695	490477	5885469	80.2	Aircore	76	6	0	-90
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KM3699	490716	5885470	80.8	Aircore	76	6	0	-90
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KM3703	492286	5889905	87.4	Aircore	76	15	0	-90
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KM3706	492154	5890039	86.6	Aircore	76	12	0	-90
KM3707	492157	5889673	86.8	Aircore	76	11	0	-90
KM3708	492272	5889555	87.1	Aircore	76	6	0	-90
KM3709	492283	5889674	86.9	Aircore	76	12	0	-90
KM3710	492278	5889781	86.9	Aircore	76	9	0	-90
KM3711	492038	5889664	86.8	Aircore	76	12	0	-90
KM3712	492033	5889790	86.8	Aircore	76	9	0	-90
KM3713	492033	5889905	86.5	Aircore	76	15	0	-90
KM3714	492039	5890024	86.5	Aircore	76	15	0	-90
KM3715	492038	5890023	86.5	Aircore	76	15	0	-90
KM3716	492041	5890151	86.5	Aircore	76	15	0	-90
KM3717	492038	5890267	86.7	Aircore	76	14	0	-90
KM3718	491913	5890259	86.9	Aircore	76	12	0	-90
KM3719	491916	5890157	86.8	Aircore	76	12	0	-90
KM3720	491915	5890019	86.8	Aircore	76	15	0	-90
KM3721	491913	5889909	86.7	Aircore	76	15	0	-90
KM3722	491924	5889789	86.6	Aircore	76	12	0	-90
KM3723	491920	5889672	86.9	Aircore	76	12	0	-90
KM3724	491795	5889665	87.1	Aircore	76	12	0	-90
KM3725	491801	5889785	86.7	Aircore	76	15	0	-90
KM3726	491796	5889903	86.5	Aircore	76	12	0	-90
KM3727	491679	5889912	86.4	Aircore	76	9	0	-90
KM3728	491683	5889793	86.8	Aircore	76	12	0	-90
KM3729	491558	5889786	87.1	Aircore	76	9	0	-90
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KM3731	491438	5889912	87	Aircore	76	12	0	-90
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KM3738	491680	5889669	87.2	Aircore	76	9	0	-90

KM3739	491677	5889553	87.8	Aircore	76	9	0	-90
KM3740	491798	5889539	87.2	Aircore	76	9	0	-90
KM3741	491907	5889558	87.1	Aircore	76	12	0	-90
KM3742	491919	5889429	87.2	Aircore	76	9	0	-90
KM3743	492040	5889429	87.1	Aircore	76	12	0	-90
KM3744	492042	5889548	86.9	Aircore	76	12	0	-90
KM3745	492159	5889544	86.8	Aircore	76	15	0	-90
KM3746	492158	5889544	86.8	Aircore	76	15	0	-90
KM3747	492157	5889433	87.1	Aircore	76	9	0	-90
KM3748	492271	5889434	88.2	Aircore	76	9	0	-90
KM3749	492402	5889664	87.9	Aircore	76	12	0	-90
KM3750	492400	5889789	88.3	Aircore	76	12	0	-90
KM3751	491799	5890025	86.7	Aircore	76	13	0	-90
KM3752	491798	5890151	87	Aircore	76	12	0	-90
KM3753	491677	5890267	86.9	Aircore	76	12	0	-90
KM3754	491678	5890150	86.6	Aircore	76	18	0	-90
KM3755	491667	5890031	86	Aircore	76	12	0	-90
KM3756	491560	5890270	86.3	Aircore	76	15	0	-90
KM3757	491435	5890276	86.2	Aircore	76	12	0	-90
KM3758	491555	5890137	85.4	Aircore	76	9	0	-90
KM3759	491559	5890031	86.4	Aircore	76	9	0	-90
KM3760	491436	5890032	86.4	Aircore	76	12	0	-90
KM3761	491450	5890147	85.3	Aircore	76	9	0	-90
KM3762	491795	5890266	87	Aircore	76	9	0	-90
KM3763	491679	5891111	84.5	Aircore	76	12	0	-90
KM3764	491795	5891225	84.4	Aircore	76	15	0	-90
KM3765	491795	5892071	82.8	Aircore	76	18	0	-90
KM3766	491444	5892191	82.5	Aircore	76	12	0	-90
KM3767	491557	5892191	83.8	Aircore	76	9	0	-90
KM3768	491444	5892297	82.6	Aircore	76	12	0	-90
KM3769	491803	5892187	82.8	Aircore	76	12	0	-90
KM3770	491915	5892179	82.6	Aircore	76	18	0	-90
KM3771	491796	5892306	82.8	Aircore	76	12	0	-90
KM3772	491798	5892417	82.8	Aircore	76	18	0	-90
KM3773	491920	5892549	82.9	Aircore	76	15	0	-90
KM3774	492030	5892548	82.5	Aircore	76	15	0	-90
KM3775	492157	5892308	82.3	Aircore	76	15	0	-90
KM3776	492169	5892421	82.9	Aircore	76	14	0	-90
KM3777	492162	5892550	83.7	Aircore	76	15	0	-90
KM3778	492160	5892551	83.7	Aircore	76	15	0	-90
KM3779	491800	5892549	82.8	Aircore	76	12	0	-90
KM3780	491682	5892540	82.7	Aircore	76	15	0	-90
KM3781	492151	5891471	82.6	Aircore	76	15	0	-90
KM3782	492271	5891349	83.1	Aircore	76	12	0	-90
KM3783	491920	5891468	83.8	Aircore	76	15	0	-90
KM3784	491919	5891349	83.8	Aircore	76	18	0	-90
KM3785	491918	5891232	84.6	Aircore	76	15	0	-90
KM3786	491914	5891109	85.9	Aircore	76	12	0	-90
KM3787	492038	5891110	85.2	Aircore	76	12	0	-90
KM3788	492038	5891230	84.5	Aircore	76	15	0	-90
KM3789	492036	5891344	83.3	Aircore	76	12	0	-90
KM3790	492037	5891470	83.1	Aircore	76	13	0	-90
KM3791	492157	5891335	83	Aircore	76	12	0	-90
KM3792	492160	5891228	83.8	Aircore	76	15	0	-90
KM3793	492143	5891108	85.4	Aircore	76	12	0	-90
KM3794	492279	5891226	84.2	Aircore	76	12	0	-90
KM3795	491800	5890991	86.4	Aircore	76	12	0	-90
KM3796	491918	5890989	86.6	Aircore	76	12	0	-90
KM3797	492035	5890990	86.2	Aircore	76	12	0	-90
KM3798	492638	5889908	89.6	Aircore	76	12	0	-90
KM3799	492642	5890030	90	Aircore	76	9	0	-90
KM3800	492543	5890028	89.6	Aircore	76	15	0	-90
KM3801	492534	5890028	89.5	Aircore	76	12	0	-90
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KM3805	492649	5889792	89.5	Aircore	76	12	0	-90
KM3806	492757	5889785	89.7	Aircore	76	15	0	-90
KM3807	492760	5889902	89.8	Aircore	76	9	0	-90
KM3808	492879	5889906	89.7	Aircore	76	12	0	-90
KM3809	492883	5889793	89.8	Aircore	76	9	0	-90
KM3810	492389	5889905	88.4	Aircore	76	12	0	-90
KM3811	494704	5879380	99.3	Aircore	76	15	0	-90
KM3812	494615	5879379	99.4	Aircore	76	24	0	-90

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KM3814	494507	5879381	101.1	Aircore	76	9	0	-90
KM3815	494408	5879381	102.5	Aircore	76	6	0	-90
KM3816	494367	5879281	102.1	Aircore	76	3	0	-90
KM3817	494459	5879281	105.2	Aircore	76	6	0	-90
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KM3819	494659	5879279	98.4	Aircore	76	6	0	-90
KM3820	494708	5879180	105.6	Aircore	76	6	0	-90
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KM3824	494789	5878983	103.1	Aircore	76	27	0	-90
KM3825	494893	5878977	103.3	Aircore	76	21	0	-90
KM3826	494842	5879080	102.8	Aircore	76	9	0	-90
KM3827	494752	5879082	104.9	Aircore	76	6	0	-90
KM3828	494803	5879178	102.2	Aircore	76	3	0	-90
KM3829	494749	5879283	100.3	Aircore	76	15	0	-90
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KM3832	495631	5878028	102.2	Aircore	76	15	0	-90
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KM3836	495280	5878033	103	Aircore	76	9	0	-90
KM3837	495160	5878022	100.3	Aircore	76	6	0	-90
KM3838	495040	5878021	97.2	Aircore	76	6	0	-90
KM3839	494920	5878033	94.4	Aircore	76	6	0	-90
KM3840	494801	5878032	91.4	Aircore	76	18	0	-90
KM3841	494673	5878155	94	Aircore	76	18	0	-90
KM3842	494801	5878147	96.3	Aircore	76	6	0	-90
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KM3844	495038	5878151	100.7	Aircore	76	6	0	-90
KM3845	495157	5878142	101.9	Aircore	76	9	0	-90
KM3846	495276	5878148	103.5	Aircore	76	9	0	-90
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KM3854	494814	5878277	96.6	Aircore	76	6	0	-90
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KM3858	494558	5878391	92.9	Aircore	76	27	0	-90
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KM3860	494801	5878389	100.2	Aircore	76	6	0	-90
KM3861	494920	5878378	100.2	Aircore	76	24	0	-90
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KM3866	495387	5878405	102.9	Aircore	76	27	0	-90
KM3867	495275	5878510	105.8	Aircore	76	21	0	-90
KM3868	495158	5878504	106.9	Aircore	76	9	0	-90
KM3869	495034	5878505	101.6	Aircore	76	6	0	-90
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KM3871	494796	5878513	101.6	Aircore	76	9	0	-90
KM3872	494680	5878507	97.4	Aircore	76	12	0	-90
KM3873	494571	5878505	94.8	Aircore	76	6	0	-90
KM3874	494439	5878509	99	Aircore	76	3	0	-90
KM3875	494443	5878636	101.6	Aircore	76	6	0	-90
KM3876	494682	5878629	98.4	Aircore	76	27	0	-90
KM3877	494799	5878625	102.2	Aircore	76	6	0	-90
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KM3879	494997	5878632	101.3	Aircore	76	9	0	-90
KM3880	495160	5878630	103.9	Aircore	76	6	0	-90
KM3881	494918	5878748	102.4	Aircore	76	3	0	-90
KM3882	495157	5878745	101.3	Aircore	76	6	0	-90
KM3883	495278	5878754	102.5	Aircore	76	6	0	-90
KM3884	495400	5878753	103.9	Aircore	76	6	0	-90
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KM3894	495752	5878274	107.2	Aircore	76	6	0	-90
KM3895	495754	5878154	105.4	Aircore	76	6	0	-90
KM3896	495759	5878054	101.5	Aircore	76	18	0	-90
KM3897	495873	5877907	104.4	Aircore	76	9	0	-90
KM3898	495866	5878023	101.6	Aircore	76	24	0	-90
KM3899	495876	5878279	108	Aircore	76	6	0	-90
KM3900	495872	5878151	102	Aircore	76	9	0	-90
KM3901	495998	5877907	105.4	Aircore	76	9	0	-90
KM3902	495994	5878027	102.4	Aircore	76	21	0	-90
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KM3905	495999	5878264	103.2	Aircore	76	6	0	-90
KM3906	495881	5878385	108.7	Aircore	76	6	0	-90
KM3907	495883	5878481	106.3	Aircore	76	9	0	-90
KM3908	495753	5878507	106.5	Aircore	76	9	0	-90
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KM3910	495757	5878747	105.9	Aircore	76	24	0	-90
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KM3915	495884	5878738	106.6	Aircore	76	6	0	-90
KM3916	495877	5878629	106.6	Aircore	76	6	0	-90
KM3917	496121	5878627	105.6	Aircore	76	6	0	-90
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KM3969	497443	5876351	109.4	Aircore	76	6	0	-90
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KM3990	497196	5877435	110.6	Aircore	76	6	0	-90
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KM3993	497319	5877193	108.5	Aircore	76	12	0	-90
KM3994	497321	5877307	108	Aircore	76	6	0	-90
KM3995	497326	5877546	114.6	Aircore	76	3	0	-90
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KM4010	497199	5878026	108.5	Aircore	76	9	0	-90
KM4011	497088	5878033	107.6	Aircore	76	9	0	-90
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KM4013	497083	5878261	109.3	Aircore	76	6	0	-90
KM4014	497080	5878387	112.1	Aircore	76	11	0	-90
KM4015	497088	5878493	112.9	Aircore	76	9	0	-90
KM4016	496964	5878393	110.3	Aircore	76	9	0	-90
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KM4027	496506	5878523	106.6	Aircore	76	15	0	-90
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KM4030	496958	5878143	107.9	Aircore	76	9	0	-90
KM4031	496956	5878032	107.5	Aircore	76	7	0	-90
KM4032	496845	5878027	108.4	Aircore	76	9	0	-90
KM4033	496838	5878147	109	Aircore	76	9	0	-90
KM4034	496843	5878271	108.2	Aircore	76	9	0	-90

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KM4040	496961	5877912	106.2	Aircore	76	9	0	-90
KM4041	496960	5877794	105.8	Aircore	76	15	0	-90
KM4042	496960	5877793	105.8	Aircore	76	15	0	-90
KM4043	497082	5877698	106	Aircore	76	18	0	-90
KM4044	497068	5877788	106.1	Aircore	76	9	0	-90
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KM4054	496835	5877065	110	Aircore	76	6	0	-90
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KM4056	496840	5877307	111.1	Aircore	76	15	0	-90
KM4057	496828	5877430	106.4	Aircore	76	12	0	-90
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KM4062	496962	5876838	107.3	Aircore	76	6	0	-90
KM4063	496968	5876949	109.8	Aircore	76	6	0	-90
KM4064	496858	5876825	105.3	Aircore	76	6	0	-90
KM4065	496752	5876735	106.4	Aircore	76	9	0	-90
KM4066	496834	5876714	104.7	Aircore	76	9	0	-90
KM4067	496834	5876582	105.4	Aircore	76	9	0	-90
KM4068	496839	5876474	107.2	Aircore	76	12	0	-90
KM4069	496832	5876345	106.3	Aircore	76	15	0	-90
KM4070	496717	5876347	104.1	Aircore	76	12	0	-90
KM4071	496721	5876466	106.5	Aircore	76	15	0	-90
KM4072	496594	5876467	103.5	Aircore	76	15	0	-90
KM4073	496607	5876586	105.9	Aircore	76	12	0	-90
KM4074	496954	5876348	105	Aircore	76	9	0	-90
KM4075	496959	5876229	107.3	Aircore	76	12	0	-90
KM4076	496957	5876109	107.2	Aircore	76	18	0	-90
KM4077	496957	5875987	106.4	Aircore	76	12	0	-90
KM4078	497085	5876110	108.2	Aircore	76	12	0	-90
KM4079	497077	5876229	106.3	Aircore	76	12	0	-90
KM4080	496835	5876230	104.6	Aircore	76	6	0	-90
KM4081	496837	5876112	103.9	Aircore	76	12	0	-90
KM4082	496834	5875982	103.6	Aircore	76	6	0	-90
KM4083	496719	5875989	101.5	Aircore	76	6	0	-90
KM4084	496718	5876093	104	Aircore	76	6	0	-90
KM4085	496718	5876226	104.2	Aircore	76	9	0	-90
KM4086	496637	5876091	103.2	Aircore	76	6	0	-90
KM4087	496600	5876229	104.5	Aircore	76	9	0	-90
KM4088	497078	5875988	110.9	Aircore	76	15	0	-90
KM4089	497075	5875869	108.4	Aircore	76	15	0	-90
KM4090	497074	5875742	107.6	Aircore	76	6	0	-90
KM4091	496960	5875627	100.7	Aircore	76	27	0	-90
KM4092	496961	5875745	104.8	Aircore	76	6	0	-90
KM4093	496957	5875864	105.6	Aircore	76	6	0	-90
KM4094	496836	5875858	104	Aircore	76	9	0	-90
KM4095	496866	5875746	99.3	Aircore	76	27	0	-90
KM4096	497199	5875752	109.6	Aircore	76	15	0	-90
KM4097	497200	5875870	110.6	Aircore	76	12	0	-90
KM4098	497200	5875988	110.6	Aircore	76	9	0	-90
KM4099	497202	5876111	106.9	Aircore	76	12	0	-90
KM4100	497321	5875989	108.7	Aircore	76	6	0	-90
KM4101	497317	5875868	109.3	Aircore	76	9	0	-90
KM4102	497438	5875871	109.7	Aircore	76	6	0	-90
KM4103	497440	5875992	110.1	Aircore	76	9	0	-90
KM4104	497318	5875743	109.1	Aircore	76	9	0	-90
KM4105	497317	5875634	105.9	Aircore	76	9	0	-90
KM4106	497315	5875511	104.7	Aircore	76	6	0	-90
KM4107	497317	5875387	106.2	Aircore	76	6	0	-90
KM4108	497317	5875264	104.9	Aircore	76	9	0	-90

KM4109	497319	5875150	103.6	Aircore	76	6	0	-90
KM4110	497325	5875028	98.8	Aircore	76	6	0	-90
KM4111	497202	5875165	97.4	Aircore	76	27	0	-90
KM4112	497198	5875274	99.5	Aircore	76	15	0	-90
KM4113	497202	5875394	102.7	Aircore	76	9	0	-90
KM4114	497196	5875511	102.6	Aircore	76	9	0	-90
KM4115	497200	5875631	106.3	Aircore	76	9	0	-90
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KM4117	497079	5875513	100.1	Aircore	76	18	0	-90
KM4118	497079	5875389	97.3	Aircore	76	21	0	-90
KM4119	497445	5875024	103.7	Aircore	76	12	0	-90
KM4120	497435	5875150	103.7	Aircore	76	6	0	-90
KM4121	497440	5875263	107.4	Aircore	76	9	0	-90
KM4122	497438	5875393	108.4	Aircore	76	9	0	-90
KM4123	497439	5875509	108.6	Aircore	76	9	0	-90
KM4124	497438	5875626	105.7	Aircore	76	9	0	-90
KM4125	497435	5875748	106.4	Aircore	76	15	0	-90
KM4126	497438	5875748	106.4	Aircore	76	15	0	-90
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KM4128	496598	5877062	110.4	Aircore	76	15	0	-90
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KM4130	496200	5877074	105.7	Aircore	76	12	0	-90
KM4131	496193	5877065	105.6	Aircore	76	12	0	-90
KM4132	496003	5877066	103.6	Aircore	76	6	0	-90
KM4133	495821	5877166	100.9	Aircore	76	18	0	-90
KM4134	495682	5877160	103.2	Aircore	76	3	0	-90
KM4135	495435	5877409	97.1	Aircore	76	3	0	-90
KM4136	495230	5877414	91.4	Aircore	76	18	0	-90
KM4137	495036	5877423	88.5	Aircore	76	15	0	-90
KM4138	494843	5877425	86.3	Aircore	76	18	0	-90
KM4139	494640	5877434	85.2	Aircore	76	18	0	-90
KM4140	494447	5877429	83.2	Aircore	76	18	0	-90
KM4141	495585	5876643	88.5	Aircore	76	18	0	-90
KM4142	495585	5876841	90.5	Aircore	76	13	0	-90
KM4143	495583	5877048	95.1	Aircore	76	21	0	-90
KM4144	495584	5877245	98.7	Aircore	76	6	0	-90
KM4145	495589	5877341	98.8	Aircore	76	12	0	-90
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KM4151	495593	5877842	104.8	Aircore	76	6	0	-90
KM4152	495436	5877934	101.4	Aircore	76	6	0	-90
KM4153	495248	5877940	99.6	Aircore	76	12	0	-90
KM4154	495047	5877945	97.8	Aircore	76	6	0	-90
KM4155	494427	5878139	86.7	Aircore	76	15	0	-90
KM4156	494429	5877938	85	Aircore	76	18	0	-90
KM4157	494430	5877734	84.4	Aircore	76	18	0	-90
KM4158	494432	5877535	83.6	Aircore	76	18	0	-90
KM4159	494427	5877140	80.5	Aircore	76	18	0	-90
KM4160	494438	5876949	79.1	Aircore	76	18	0	-90
KM4161	494611	5876867	80.5	Aircore	76	18	0	-90
KM4162	494804	5876510	79.6	Aircore	76	18	0	-90
KM4163	494772	5876338	78	Aircore	76	18	0	-90
KM4164	494823	5876158	77.9	Aircore	76	15	0	-90
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KM4166	494980	5875790	77.8	Aircore	76	17	0	-90
KM4167	495116	5875639	78.3	Aircore	76	15	0	-90
KM4168	496131	5876423	94	Aircore	76	18	0	-90
KM4169	496109	5876505	95.6	Aircore	76	27	0	-90
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KM4171	496057	5876709	99.6	Aircore	76	9	0	-90
KM4172	495971	5876750	99.4	Aircore	76	3	0	-90
KM4173	495933	5876814	100.4	Aircore	76	21	0	-90
KM4174	495952	5876919	102.1	Aircore	76	9	0	-90
KM4175	495968	5877009	101.8	Aircore	76	9	0	-90
KM4176	495964	5877128	103.4	Aircore	76	6	0	-90
KM4177	495964	5877209	102.5	Aircore	76	12	0	-90
KM4178	495964	5877296	103.6	Aircore	76	9	0	-90
KM4179	495961	5877437	105.2	Aircore	76	15	0	-90
KM4180	495973	5877518	104.5	Aircore	76	12	0	-90
KM4181	495972	5877609	104.5	Aircore	76	6	0	-90
KM4182	495976	5877708	103.5	Aircore	76	24	0	-90

KM4183	495837	5877875	105.1	Aircore	76	9	0	-90
KM4184	495645	5877939	103.2	Aircore	76	6	0	-90
KM4185	495674	5877446	101.3	Aircore	76	15	0	-90
KM4186	495780	5877445	103.8	Aircore	76	12	0	-90
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KM4189	495739	5877221	102	Aircore	76	6	0	-90
KM4190	495595	5877201	100	Aircore	76	6	0	-90
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KM4208	496723	5879594	112	Aircore	76	9	0	-90
KM4209	496840	5879588	112.8	Aircore	76	6	0	-90
KM4210	496966	5879586	112.5	Aircore	76	6	0	-90
KM4211	497082	5879585	112	Aircore	76	12	0	-90
KM4212	497200	5879595	112.2	Aircore	76	12	0	-90
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KM4215	497192	5879467	113.8	Aircore	76	18	0	-90
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KM4228	497448	5878988	116.7	Aircore	76	3	0	-90
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KM4231	497437	5879348	114.7	Aircore	76	3	0	-90
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KM4253	496955	5879108	112.3	Aircore	76	12	0	-90
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KM4256	496837	5879109	111.5	Aircore	76	6	0	-90

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KM4261	496468	5878872	107.6	Aircore	76	15	0	-90
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KM4263	496599	5878993	111.8	Aircore	76	8	0	-90
KM4264	496601	5878866	108.5	Aircore	76	9	0	-90
KM4265	496599	5878750	108.3	Aircore	76	9	0	-90
KM4266	496713	5878751	107.5	Aircore	76	12	0	-90
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KM4268	496719	5878992	111.1	Aircore	76	3	0	-90
KM4269	496841	5878986	111.3	Aircore	76	6	0	-90
KM4270	496839	5878871	111	Aircore	76	15	0	-90
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KM4273	496959	5878867	110	Aircore	76	15	0	-90
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KM4275	497423	5878745	114.8	Aircore	76	18	0	-90
KM4276	497430	5878625	114.9	Aircore	76	15	0	-90
KM4277	497433	5878514	114.2	Aircore	76	9	0	-90
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KM4279	497314	5878626	112.3	Aircore	76	15	0	-90
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KM4284	514362	5902504	136.7	Aircore	76	15	0	-90
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KM4287	514244	5898854	131.9	Aircore	76	18	0	-90
KM4288	514339	5898735	132.7	Aircore	76	18	0	-90
KM4289	514459	5898585	133.7	Aircore	76	18	0	-90
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KM4291	514671	5898231	133.5	Aircore	76	15	0	-90
KM4292	515391	5897029	138.7	Aircore	76	18	0	-90
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KM4294	516113	5896495	145.1	Aircore	76	18	0	-90
KM4295	516299	5896367	144.7	Aircore	76	15	0	-90
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KM4298	516792	5896006	146.2	Aircore	76	11	0	-90
KM4299	516658	5894671	146	Aircore	76	24	0	-90
KM4300	516634	5894475	145.3	Aircore	76	24	0	-90
KM4301	516608	5894275	143.8	Aircore	76	18	0	-90
KM4302	516584	5894090	144.2	Aircore	76	15	0	-90
KM4303	516519	5893550	144.9	Aircore	76	18	0	-90
KM4304	516495	5893356	143.8	Aircore	76	21	0	-90
KM4305	516468	5893156	143	Aircore	76	15	0	-90
KM4306	515824	5895348	140.5	Aircore	76	27	0	-90
KM4307	515746	5895176	141.1	Aircore	76	24	0	-90
KM4308	515677	5894997	141.7	Aircore	76	21	0	-90
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KM4310	515387	5894225	143.2	Aircore	76	24	0	-90
KM4311	515242	5893805	140	Aircore	76	27	0	-90
KM4312	515176	5893616	138.9	Aircore	76	27	0	-90
KM4313	515137	5893427	137.4	Aircore	76	30	0	-90
KM4314	515071	5893232	137.9	Aircore	76	27	0	-90
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KM4316	514884	5892612	139.5	Aircore	76	13	0	-90
KM4317	514835	5892471	142	Aircore	76	21	0	-90
KM4318	514763	5892256	140	Aircore	76	18	0	-90
KM4319	514666	5891899	138.2	Aircore	76	17	0	-90
KM4320	510678	5894223	124.7	Aircore	76	18	0	-90
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KM4323	510631	5893729	123.6	Aircore	76	18	0	-90
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KM4325	510599	5893346	121.9	Aircore	76	18	0	-90
KM4326	510584	5893158	120.4	Aircore	76	18	0	-90
KM4327	510566	5892985	120.6	Aircore	76	15	0	-90
KM4328	510562	5892980	120.6	Aircore	76	18	0	-90
KM4329	510551	5892787	121.2	Aircore	76	18	0	-90
KM4330	510533	5892589	121.3	Aircore	76	18	0	-90

KM4331	510513	5892417	120.2	Aircore	76	15	0	-90
KM4332	510499	5892217	120.8	Aircore	76	14	0	-90
KM4333	510480	5892004	125	Aircore	76	18	0	-90
KM4334	510444	5891544	123.8	Aircore	76	18	0	-90
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KM4339	511386	5892020	125.3	Aircore	76	21	0	-90
KM4340	511598	5891992	126.2	Aircore	76	21	0	-90
KM4341	511787	5891964	127.3	Aircore	76	21	0	-90
KM4342	511910	5891951	128.6	Aircore	76	21	0	-90
KM4343	510446	5897325	125.4	Aircore	76	18	0	-90
KM4344	510462	5897448	125.5	Aircore	76	18	0	-90
KM4345	510485	5897653	126.1	Aircore	76	21	0	-90
KM4346	509712	5898781	124.9	Aircore	76	21	0	-90
KM4347	509517	5898806	124	Aircore	76	21	0	-90
KM4348	509330	5898830	123.6	Aircore	76	18	0	-90
KM4349	509113	5898861	123.8	Aircore	76	18	0	-90
KM4350	508671	5898917	125.1	Aircore	76	15	0	-90
KM4351	508313	5898956	122.9	Aircore	76	12	0	-90
KM4352	506774	5899148	116.6	Aircore	76	12	0	-90
KM4353	506351	5899198	116.4	Aircore	76	12	0	-90
KM4354	504858	5899400	111.2	Aircore	76	9	0	-90
KM4355	504672	5899423	112.1	Aircore	76	9	0	-90
KM4356	506718	5894265	116.7	Aircore	76	15	0	-90
KM4357	506584	5893253	118.8	Aircore	76	12	0	-90
KM4358	506539	5904081	118.2	Aircore	76	12	0	-90
KM4359	506930	5904031	117.3	Aircore	76	12	0	-90
KM4360	507580	5903944	121.2	Aircore	76	12	0	-90
KM4361	508016	5903891	119.7	Aircore	76	9	0	-90
KM4362	507971	5903503	119.5	Aircore	76	15	0	-90
KM4363	507918	5903099	119.6	Aircore	76	12	0	-90
KM4364	508202	5903075	121.1	Aircore	76	12	0	-90
KM4365	508603	5903021	121	Aircore	76	15	0	-90
KM4366	508533	5907966	118.9	Aircore	76	15	0	-90
KM4367	508484	5907619	115.5	Aircore	76	18	0	-90
KM4368	508460	5907375	117.9	Aircore	76	18	0	-90
KM4369	508423	5907083	111.9	Aircore	76	15	0	-90
KM4370	508391	5906803	112.2	Aircore	76	18	0	-90
KM4371	508363	5906619	110.2	Aircore	76	18	0	-90
KM4372	508338	5906374	118	Aircore	76	15	0	-90
KM4373	508271	5905837	120.5	Aircore	76	18	0	-90
KM4374	508247	5905703	120.9	Aircore	76	15	0	-90
KM4375	513610	5905582	135.1	Aircore	76	30	0	-90
KM4376	513678	5906131	133.6	Aircore	76	30	0	-90
KM4377	513763	5906807	135	Aircore	76	21	0	-90
KM4378	500617	5909871	110	Aircore	76	12	0	-90
KM4379	500630	5909971	110.4	Aircore	76	12	0	-90
KM4380	500657	5910181	109.2	Aircore	76	12	0	-90
KM4381	500680	5910372	108.8	Aircore	76	12	0	-90
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KM4384	500725	5910724	109.1	Aircore	76	12	0	-90
KM4385	500755	5910955	109.7	Aircore	76	15	0	-90
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KM4390	500678	5911886	110.5	Aircore	76	18	0	-90
KM4391	500454	5911914	111.1	Aircore	76	18	0	-90
KM4392	500329	5911930	111.3	Aircore	76	12	0	-90
KM4393	500161	5912046	111.4	Aircore	76	18	0	-90
KM4394	500159	5912260	112.1	Aircore	76	15	0	-90
KM4395	500156	5912444	112.1	Aircore	76	18	0	-90
KM4396	500157	5912648	111.7	Aircore	76	21	0	-90
KM4397	500843	5908652	106	Aircore	76	12	0	-90
KM4398	500816	5908466	106.1	Aircore	76	15	0	-90
KM4399	500818	5908471	106.1	Aircore	76	15	0	-90
KM4400	500789	5908247	106.7	Aircore	76	12	0	-90
KM4401	500765	5908068	107.4	Aircore	76	9	0	-90
KM4402	500761	5908015	107.7	Aircore	76	9	0	-90
KM4403	500714	5907660	106.4	Aircore	76	9	0	-90
KM4404	500692	5907469	105.3	Aircore	76	9	0	-90

KM4405	500652	5907172	105.2	Aircore	76	6	0	-90
KM4406	500634	5906980	105.2	Aircore	76	6	0	-90
KM4407	500601	5906769	104.5	Aircore	76	9	0	-90
KM4408	500198	5905817	105.1	Aircore	76	12	0	-90
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KM4410	499863	5905571	104.6	Aircore	76	18	0	-90
KM4411	499872	5905579	104.6	Aircore	76	18	0	-90
KM4412	499650	5905418	104.6	Aircore	76	12	0	-90
KM4413	499506	5905318	103.7	Aircore	76	9	0	-90
KM4414	498228	5904396	101.2	Aircore	76	9	0	-90
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KM4416	497869	5904378	100.7	Aircore	76	9	0	-90
KM4417	497466	5903946	101.3	Aircore	76	6	0	-90
KM4418	497468	5903751	100.9	Aircore	76	9	0	-90
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KM4421	497471	5903155	100.5	Aircore	76	3	0	-90
KM4422	497909	5902738	100.1	Aircore	76	6	0	-90
KM4423	498096	5902717	100.9	Aircore	76	9	0	-90
KM4424	500614	5902396	104.7	Aircore	76	6	0	-90
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KM4427	501839	5902245	106.9	Aircore	76	7	0	-90
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KM4432	502860	5902121	108.9	Aircore	76	9	0	-90
KM4433	503269	5902068	108	Aircore	76	9	0	-90
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KM4435	503449	5902040	108.3	Aircore	76	8	0	-90
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KM4442	503117	5897024	109.4	Aircore	76	12	0	-90
KM4443	502937	5897043	109.2	Aircore	76	12	0	-90
KM4444	502742	5897062	109	Aircore	76	10	0	-90
KM4445	502539	5897092	109.1	Aircore	76	9	0	-90
KM4446	502425	5897107	109	Aircore	76	12	0	-90
KM4447	501521	5897207	108.3	Aircore	76	7	0	-90
KM4448	501308	5897244	107.9	Aircore	76	12	0	-90
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KM4450	499637	5897442	106.3	Aircore	76	9	0	-90
KM4451	499483	5897464	106.3	Aircore	76	5	0	-90
KM4452	499310	5897487	106	Aircore	76	12	0	-90
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KM4463	502142	5897143	109.1	Aircore	76	9	0	-90
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KM4466	515620	5886299	139	Aircore	76	18	0	-90
KM4467	515622	5886294	139	Aircore	76	18	0	-90
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KM4471	515940	5888838	143.9	Aircore	76	18	0	-90
KM4472	515988	5889230	142.5	Aircore	76	21	0	-90
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KM4475	507544	5909512	116.6	Aircore	76	18	0	-90
KM4476	507563	5909678	117	Aircore	76	13	0	-90
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KM4478	507401	5910136	115	Aircore	76	18	0	-90

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KM4480	507478	5910816	115.1	Aircore	76	18	0	-90
KM4481	507493	5910991	115.5	Aircore	76	21	0	-90
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KM4484	507692	5911836	117.3	Aircore	76	18	0	-90
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KM4492	506098	5917181	114	Aircore	76	21	0	-90
KM4493	505682	5917240	114.6	Aircore	76	21	0	-90
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KM4552	503570	5914762	115.9	Aircore	76	21	0	-90



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KM4556	504347	5914147	113.4	Aircore	76	18	0	-90
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KM4566	504526	5911530	113.4	Aircore	76	17	0	-90
KM4567	504652	5911306	115	Aircore	76	15	0	-90
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KM4570	505226	5910623	115.6	Aircore	76	18	0	-90
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KM4601	497654	5928045	103.9	Aircore	76	18	0	-90
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KM4611	500369	5938846	110.5	Aircore	76	27	0	-90
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KM4615	499916	5941133	110.5	Aircore	76	27	0	-90
KM4616	499993	5941728	114.4	Aircore	76	27	0	-90
KM4617	501452	5938706	112.3	Aircore	76	26	0	-90
KM4618	502111	5938624	113.6	Aircore	76	27	0	-90
KM4619	502521	5939072	116.1	Aircore	76	27	0	-90
KM4620	502521	5939074	116.1	Aircore	76	27	0	-90
KM4621	503496	5938437	115.3	Aircore	76	27	0	-90
KM4622	504312	5938329	118.2	Aircore	76	27	0	-90
KM4623	505073	5938239	119.3	Aircore	76	27	0	-90
KM4624	506181	5938080	120.9	Aircore	76	27	0	-90
KM4625	507024	5937986	120.9	Aircore	76	12	0	-90
KM4626	508506	5937786	121.8	Aircore	76	27	0	-90

KM4627	509335	5937681	123.2	Aircore	76	27	0	-90
KM4628	510125	5937577	124	Aircore	76	27	0	-90
KM4629	511005	5937469	124.2	Aircore	76	26	0	-90
KM4630	511846	5937383	126.8	Aircore	76	27	0	-90
KM4631	512828	5937254	127.8	Aircore	76	27	0	-90
KM4632	513496	5937180	126.8	Aircore	76	27	0	-90
KM4633	502416	5938472	113.4	Aircore	76	27	0	-90
KM4634	502174	5937818	110.1	Aircore	76	24	0	-90
KM4635	502173	5937819	110.1	Aircore	76	27	0	-90
KM4636	501637	5936335	110.1	Aircore	76	27	0	-90
KM4637	501526	5935529	107.6	Aircore	76	22	0	-90
KM4638	501524	5935523	107.6	Aircore	76	21	0	-90
KM4639	502675	5931809	107.4	Aircore	76	21	0	-90
KM4640	514967	5924595	126.9	Aircore	76	24	0	-90
KM4641	518561	5927768	134.5	Aircore	76	27	0	-90
KM4642	513175	5921370	137.3	Aircore	76	24	0	-90
KM4643	511837	5919200	127.9	Aircore	76	26	0	-90
KM4644	514519	5903707	136.8	Aircore	76	12	0	-90
KM4645	514497	5903548	136.9	Aircore	76	9	0	-90
KM4646	514442	5903185	136.5	Aircore	76	9	0	-90
KM4647	514408	5902956	136.6	Aircore	76	9	0	-90
KM4648	514398	5902802	137.3	Aircore	76	9	0	-90
KM4649	514371	5902397	136.9	Aircore	76	12	0	-90
KM4650	514351	5902418	136.6	Aircore	76	9	0	-90
KM4651	514319	5901767	134.4	Aircore	76	9	0	-90
KM4652	514375	5901604	132.1	Aircore	76	15	0	-90
KM4653	514249	5901615	132.8	Aircore	76	12	0	-90
KM4654	514168	5900951	134.4	Aircore	76	18	0	-90
KM4655	500504	5909016	103.8	Aircore	76	12	0	-90
KM4656	500531	5909190	105.7	Aircore	76	12	0	-90
KM4657	500525	5909196	105.8	Aircore	76	12	0	-90
KM4658	500589	5909646	107.8	Aircore	76	12	0	-90
KM4659	500482	5908804	104.4	Aircore	76	12	0	-90
KM4660	500832	5908588	106	Aircore	76	18	0	-90
KM4661	500806	5908363	106.2	Aircore	76	9	0	-90
KM4662	500784	5908174	106.9	Aircore	76	12	0	-90
KM4663	500757	5907982	107.7	Aircore	76	3	0	-90
KM4664	500732	5907776	107.1	Aircore	76	12	0	-90
KM4665	500731	5907779	107.1	Aircore	76	9	0	-90
KM4666	500671	5907303	104.8	Aircore	76	9	0	-90
KM4667	500647	5907090	105.3	Aircore	76	9	0	-90

Appendix 3 – Table of Significant Intersections

Hold ID	From (m)	To (m)	Width (m)	TREO (ppm)	Pr <sub>6</sub> O <sub>11</sub> ppm	Pr <sub>6</sub> O <sub>11</sub> TREO %	Nd <sub>2</sub> O <sub>3</sub> ppm	Nd <sub>2</sub> O <sub>3</sub> TREO %	Tb <sub>4</sub> O <sub>7</sub> ppm	Tb <sub>4</sub> O <sub>7</sub> TREO %	Dy <sub>2</sub> O <sub>3</sub> ppm	Dy <sub>2</sub> O <sub>3</sub> TREO %
KM2269	2	4	2	907	45	5	175	19.3	4	0.5	23	2.6
KM3594	7	10	3	1483	100	6.7	366	24.7	7	0.5	38	2.6
KM3595	7	9	2	625	29	4.6	107	17.1	3	0.5	16	2.6
KM3596	12	13	1	411	19	4.6	77	18.8	2	0.5	11	2.7
KM3597	0	1	1	484	22	4.6	87	17.9	2	0.5	13	2.6
KM3598	1	2	1	795	42	5.2	148	18.6	4	0.4	20	2.5
KM3599	5	6	1	602	23	3.8	89	14.7	3	0.5	19	3.1
KM3600	4	6	2	766	36	4.7	131	17.1	3	0.4	15	2
KM3601	0	2	2	423	21	4.9	77	18.3	2	0.4	11	2.5
KM3602	3	7	4	616	30	4.8	104	17	2	0.4	14	2.3
KM3603	2	3	1	504	22	4.3	84	16.7	2	0.5	14	2.8
KM3604	5	7	2	1124	54	4.8	191	17	4	0.4	22	1.9
KM3605	7	8	1	1145	29	2.5	109	9.5	4	0.3	23	2
KM3606	4	6	2	527	19	3.6	72	13.6	2	0.4	12	2.3
KM3608	0	1	1	690	40	5.7	147	21.3	3	0.5	19	2.8
KM3609	8	9	1	440	22	4.9	78	17.8	2	0.4	10	2.2
KM3609	2	4	2	438	14	3.1	52	11.9	2	0.4	12	2.6
KM3610	3	4	1	411	15	3.8	61	14.8	2	0.5	13	3.2
KM3611	7	9	2	479	25	5.2	90	18.7	2	0.4	11	2.3
KM3613	4	6	2	386	16	4.2	61	15.8	2	0.5	11	2.9
KM3614	3	5	2	519	20	3.8	77	14.9	2	0.5	14	2.8
KM3615	2	3	1	382	17	4.6	65	17.1	2	0.4	9	2.3
KM3616	1	4	3	528	25	4.8	92	17.5	2	0.4	11	2.1
KM3618	3	6	3	760	37	4.9	131	17.3	3	0.4	16	2.1
KM3621	0	3	3	580	32	5.4	116	20.1	2	0.4	13	2.2
KM3622	3	10	7	892	33	3.7	119	13.4	3	0.4	19	2.1
KM3626	3	4	1	488	19	3.9	72	14.7	2	0.4	13	2.7
KM3627	8	11	3	888	36	4	130	14.7	3	0.4	19	2.1
KM3628	9	13	4	565	29	5.1	106	18.7	3	0.5	15	2.6
KM3629	12	15	3	440	18	4.2	67	15.3	2	0.4	11	2.4
KM3629	2	5	3	393	16	4.2	62	15.9	2	0.5	11	2.9
KM3630	14	15	1	418	19	4.5	67	15.9	1	0.3	8	2
KM3630	12	13	1	519	21	4	75	14.5	2	0.3	10	1.9
KM3631	3	5	2	584	23	3.9	87	14.9	3	0.5	18	3.1
KM3632	12	16	4	737	43	5.8	152	20.6	3	0.4	16	2.1
KM3633	2	5	3	504	21	4.1	76	15.1	2	0.4	13	2.6
KM3634	4	6	2	931	39	4.2	141	15.2	4	0.4	24	2.6
KM3635	9	11	2	1233	68	5.5	246	20	5	0.4	29	2.3
KM3636	5	7	2	1618	77	4.7	294	18.1	7	0.4	41	2.5
KM3637	14	16	2	818	39	4.8	148	18	3	0.4	16	2
KM3638	4	5	1	992	53	5.3	189	19.1	3	0.4	18	1.8
KM3639	6	9	3	698	32	4.6	119	17	3	0.4	17	2.4
KM3640	8	13	5	1358	62	4.5	237	17.5	7	0.5	41	3
KM3641	12	16	4	644	30	4.7	114	17.7	3	0.5	17	2.6
KM3642	4	6	2	1327	68	5.1	259	19.5	6	0.5	36	2.7
KM3643	4	6	2	1306	62	4.7	231	17.7	6	0.5	37	2.8
KM3644	11	12	1	433	21	4.8	64	14.8	2	0.4	9	2.1
KM3644	8	10	2	464	14	3	47	10.1	2	0.4	10	2.1
KM3645	9	10	1	479	21	4.3	63	13.1	2	0.4	9	1.9
KM3646	2	5	3	712	35	4.9	124	17.3	3	0.4	17	2.4
KM3647	7	8	1	503	24	4.7	77	15.2	2	0.5	13	2.7
KM3649	2	4	2	661	25	3.8	90	13.6	3	0.4	16	2.3
KM3650	4	7	3	679	26	3.8	95	14	4	0.6	23	3.4
KM3651	2	4	2	741	35	4.8	133	18	4	0.5	20	2.7
KM3652	4	5	1	821	24	2.9	80	9.7	3	0.4	17	2.1
KM3653	4	6	2	1569	64	4.1	251	16	8	0.5	47	3
KM3654	14	16	2	842	42	5	167	19.9	4	0.5	23	2.7
KM3655	17	21	4	521	28	5.3	92	17.7	2	0.4	11	2.2
KM3660	1	3	2	411	17	4.2	66	16.2	2	0.4	10	2.4
KM3661	1	2	1	401	18	4.5	70	17.4	2	0.5	10	2.5
KM3662	1	2	1	381	19	5	73	19.3	2	0.4	9	2.4
KM3663	1	2	1	353	14	4	56	15.9	2	0.5	9	2.6
KM3667	4	5	1	476	20	4.2	80	16.8	2	0.5	13	2.8
KM3667	2	3	1	401	16	3.9	61	15.2	2	0.4	9	2.4
KM3668	1	2	1	432	18	4.1	66	15.4	2	0.4	10	2.3
KM3669	1	2	1	351	17	4.8	65	18.4	1	0.4	8	2.2
KM3672	6	10	4	558	24	4.4	94	16.9	2	0.4	13	2.3
KM3673	8	10	2	879	43	4.9	161	18.3	4	0.4	19	2.2
KM3673	6	7	1	468	21	4.6	85	18.2	2	0.5	12	2.6
KM3674	5	6	1	376	13	3.5	52	13.9	2	0.5	12	3.1
KM3675	12	18	6	997	42	4.2	157	15.8	4	0.4	23	2.3
KM3688	11	16	5	511	23	4.6	85	16.7	2	0.4	11	2.2

KM3690	2	5	3	1315	75	5.7	277	21	5	0.4	25	1.9
KM3692	2	4	2	552	21	3.9	82	14.8	2	0.4	12	2.2
KM3693	1	4	3	586	24	4.2	93	15.9	3	0.4	14	2.5
KM3694	4	5	1	524	22	4.2	84	16	2	0.4	13	2.4
KM3695	1	2	1	489	23	4.6	83	16.9	2	0.4	10	2
KM3696	2	4	2	618	25	4.1	98	15.9	3	0.4	16	2.5
KM3697	3	5	2	640	25	3.8	99	15.4	3	0.5	20	3.1
KM3698	3	4	1	824	39	4.8	148	18	4	0.4	20	2.4
KM3699	3	4	1	703	30	4.2	108	15.3	2	0.3	11	1.6
KM3700	1	3	2	527	26	4.9	100	19	3	0.5	14	2.7
KM3701	6	11	5	741	34	4.6	128	17.3	3	0.4	16	2.1
KM3702	6	7	1	364	14	3.8	54	14.9	2	0.5	11	3
KM3703	6	7	1	1052	40	3.8	160	15.2	5	0.5	27	2.6
KM3704	7	8	1	377	13	3.6	54	14.4	2	0.5	10	2.8
KM3705	4	6	2	469	19	4	72	15.4	2	0.5	13	2.7
KM3706	6	9	3	876	35	4.1	143	16.3	4	0.5	25	2.8
KM3707	10	11	1	1107	46	4.1	164	14.9	5	0.4	28	2.5
KM3708	3	4	1	1152	47	4	190	16.5	5	0.5	30	2.6
KM3709	7	9	2	1654	83	5	305	18.5	6	0.4	35	2.1
KM3710	2	6	4	720	27	3.8	110	15.3	3	0.4	18	2.6
KM3711	7	9	2	595	24	4.1	103	17.3	4	0.6	22	3.6
KM3712	6	7	1	1728	75	4.3	302	17.5	7	0.4	37	2.1
KM3713	9	11	2	443	18	4.2	72	16.3	2	0.4	11	2.4
KM3714	7	11	4	1188	58	4.9	223	18.8	5	0.4	27	2.2
KM3715	8	9	1	934	32	3.4	138	14.7	5	0.5	28	3
KM3715	6	7	1	397	15	3.8	59	14.8	1	0.4	8	2.1
KM3716	8	9	1	1352	55	4.1	220	16.3	6	0.4	31	2.3
KM3717	6	7	1	1105	52	4.7	204	18.5	5	0.4	26	2.3
KM3718	8	9	1	381	11	3	49	13	2	0.6	13	3.3
KM3719	7	9	2	1057	37	3.5	155	14.6	5	0.4	26	2.4
KM3720	9	11	2	871	37	4.2	152	17.4	4	0.5	23	2.7
KM3721	10	11	1	353	16	4.5	61	17.3	1	0.4	7	2
KM3721	6	8	2	1583	78	4.9	286	18.1	6	0.4	30	1.9
KM3722	5	7	2	763	24	3.2	100	13.1	4	0.5	23	3
KM3723	6	9	3	1700	77	4.5	312	18.3	7	0.4	38	2.3
KM3726	7	10	3	485	24	4.9	89	18.4	2	0.4	11	2.2
KM3727	5	6	1	1262	49	3.9	194	15.3	5	0.4	30	2.4
KM3728	6	10	4	1436	78	5.4	290	20.2	6	0.4	31	2.2
KM3729	5	8	3	872	25	2.9	102	11.7	3	0.4	21	2.4
KM3730	5	6	1	698	25	3.7	103	14.7	4	0.5	22	3.1
KM3731	9	11	2	808	37	4.6	133	16.4	3	0.3	13	1.7
KM3732	7	9	2	643	26	4	106	16.5	4	0.6	20	3.1
KM3733	4	6	2	1098	42	3.8	162	14.8	5	0.5	28	2.6
KM3734	8	9	1	730	35	4.7	134	18.4	4	0.5	21	2.8
KM3735	4	7	3	596	26	4.3	103	17.3	3	0.5	17	2.8
KM3736	2	6	4	2081	104	5	403	19.3	9	0.4	48	2.3
KM3737	2	5	3	950	31	3.2	122	12.9	4	0.4	25	2.6
KM3738	2	7	5	637	23	3.6	91	14.2	3	0.4	16	2.5
KM3739	5	6	1	1339	75	5.6	300	22.4	6	0.4	28	2.1
KM3740	4	7	3	567	22	3.9	85	14.9	3	0.4	14	2.5
KM3741	7	9	2	572	18	3.2	77	13.4	3	0.5	18	3.2
KM3742	5	7	2	1071	47	4.4	201	18.7	5	0.5	25	2.4
KM3743	5	6	1	2816	134	4.8	524	18.6	12	0.4	62	2.2
KM3744	6	7	1	738	24	3.3	107	14.6	4	0.6	23	3.1
KM3745	8	9	1	411	19	4.6	76	18.6	2	0.4	9	2.2
KM3746	7	9	2	612	25	4	106	17.4	3	0.5	16	2.6
KM3747	5	7	2	724	27	3.7	120	16.6	4	0.6	22	3.1
KM3748	4	6	2	1767	93	5.3	365	20.6	7	0.4	32	1.8
KM3749	8	9	1	359	13	3.7	58	16.2	2	0.7	14	3.8
KM3749	3	4	1	411	15	3.7	65	15.7	2	0.5	12	2.8
KM3750	3	8	5	563	21	3.8	94	16.7	3	0.6	18	3.1
KM3750	1	2	1	442	19	4.4	78	17.8	2	0.5	10	2.3
KM3751	7	10	3	509	21	4.2	88	17.2	2	0.5	13	2.6
KM3752	6	9	3	993	34	3.5	145	14.6	4	0.4	22	2.2
KM3753	10	11	1	371	17	4.7	70	18.7	2	0.4	8	2.3
KM3753	7	9	2	1514	68	4.5	278	18.4	6	0.4	33	2.2
KM3754	14	15	1	901	37	4.1	159	17.6	4	0.4	19	2.1
KM3755	5	8	3	641	27	4.3	113	17.7	3	0.5	17	2.7
KM3756	8	11	3	682	24	3.5	112	16.4	4	0.6	22	3.2
KM3757	9	11	2	584	17	3	75	12.8	3	0.5	18	3.1
KM3758	4	6	2	464	15	3.3	69	14.8	3	0.6	16	3.5
KM3759	5	6	1	441	15	3.4	67	15.2	3	0.6	15	3.4
KM3811	9	12	3	1558	48	3.1	180	11.5	7	0.4	37	2.4

KM3812	18	19	1	473	20	4.2	72	15.2	2	0.4	11	2.4
KM3813	7	8	1	441	19	4.3	71	16.2	2	0.4	10	2.3
KM3813	5	6	1	617	27	4.4	100	16.2	3	0.4	14	2.3
KM3814	6	7	1	753	36	4.7	129	17.2	3	0.4	18	2.5
KM3815	3	5	2	885	46	5.2	169	19.1	4	0.4	20	2.2
KM3818	0	1	1	383	18	4.7	68	17.9	2	0.4	9	2.4
KM3819	3	5	2	508	23	4.6	84	16.6	2	0.4	11	2.1
KM3820	3	4	1	866	40	4.6	153	17.6	4	0.5	24	2.8
KM3820	0	2	2	527	23	4.3	88	16.6	2	0.4	13	2.5
KM3821	10	11	1	394	18	4.6	69	17.6	2	0.5	11	2.7
KM3821	8	9	1	456	22	4.8	86	18.9	2	0.5	13	2.8
KM3821	4	6	2	396	16	4	61	15.5	2	0.5	12	3
KM3822	7	20	13	637	24	3.8	95	14.9	3	0.5	17	2.7
KM3823	0	2	2	392	17	4.4	65	16.7	2	0.4	9	2.2
KM3826	3	5	2	884	48	5.4	168	19	4	0.5	23	2.6
KM3829	10	11	1	373	16	4.2	60	16	2	0.5	9	2.4
KM3830	6	9	3	698	23	3.4	91	13	3	0.4	14	2
KM3831	1	2	1	841	48	5.7	163	19.4	4	0.5	20	2.3
KM3832	11	12	1	459	18	3.9	67	14.7	2	0.4	11	2.3
KM3832	7	8	1	368	17	4.6	68	18.5	3	0.7	13	3.6
KM3833	3	6	3	745	27	3.6	95	12.8	3	0.3	14	1.9
KM3834	0	2	2	540	28	5.2	99	18.3	2	0.4	12	2.3
KM3836	7	8	1	408	14	3.4	65	16	2	0.5	11	2.6
KM3838	2	3	1	463	17	3.7	64	13.9	2	0.4	11	2.5
KM3842	1	3	2	365	13	3.7	51	14.1	1	0.4	8	2.1
KM3843	3	4	1	728	44	6	138	18.9	2	0.3	12	1.6
KM3844	5	6	1	442	23	5.3	90	20.4	2	0.5	11	2.4
KM3844	3	4	1	1132	51	4.5	171	15.2	5	0.4	27	2.3
KM3845	2	6	4	510	20	3.8	73	14.4	2	0.4	12	2.3
KM3846	3	5	2	966	54	5.6	195	20.2	5	0.5	27	2.8
KM3847	1	5	4	481	21	4.4	79	16.3	2	0.5	12	2.4
KM3848	0	4	4	555	22	4	84	15	2	0.4	13	2.3
KM3849	1	3	2	494	21	4.2	79	16.1	2	0.4	11	2.3
KM3850	1	2	1	427	18	4.3	72	16.9	2	0.5	11	2.5
KM3852	11	12	1	360	15	4.1	59	16.5	2	0.5	10	2.8
KM3852	3	10	7	885	34	3.9	130	14.7	4	0.4	21	2.4
KM3853	3	6	3	1624	66	4	250	15.4	6	0.3	29	1.8
KM3854	2	4	2	472	16	3.5	67	14.1	2	0.5	13	2.8
KM3855	9	11	2	426	18	4.1	73	17	2	0.6	14	3.3
KM3856	20	24	4	373	14	3.8	51	13.7	1	0.3	5	1.5
KM3857	8	9	1	412	15	3.7	56	13.5	1	0.3	7	1.7
KM3859	2	4	2	1360	65	4.8	250	18.3	6	0.4	31	2.3
KM3860	2	6	4	793	33	4.2	131	16.5	3	0.4	19	2.3
KM3861	20	21	1	802	40	5	133	16.6	3	0.4	16	1.9
KM3862	7	9	2	378	13	3.5	54	14.2	2	0.5	10	2.7
KM3863	6	8	2	1112	57	5.1	232	20.8	6	0.5	31	2.8
KM3864	10	13	3	870	43	5	154	17.7	3	0.4	17	2
KM3865	5	6	1	380	14	3.7	55	14.6	2	0.5	9	2.5
KM3866	21	22	1	425	19	4.5	60	14.1	1	0.2	5	1.1
KM3867	17	19	2	600	29	4.9	99	16.5	2	0.4	12	2
KM3868	3	6	3	504	20	3.9	78	15.4	2	0.5	13	2.7
KM3869	2	3	1	637	23	3.5	89	14	3	0.4	14	2.2
KM3870	0	4	4	645	33	5.1	123	19.1	3	0.4	15	2.4
KM3871	1	5	4	1012	45	4.4	170	16.8	4	0.4	22	2.2
KM3872	5	9	4	784	36	4.6	127	16.2	4	0.5	21	2.7
KM3873	1	2	1	507	20	4	81	15.9	2	0.4	11	2.3
KM3876	6	8	2	457	15	3.2	60	13.1	2	0.5	11	2.5
KM3876	4	5	1	520	16	3.1	72	13.7	3	0.6	16	3.1
KM3878	1	5	4	573	24	4.2	93	16.3	3	0.4	13	2.3
KM3879	4	6	2	551	27	4.9	102	18.5	3	0.5	15	2.7
KM3880	1	4	3	614	29	4.7	109	17.7	3	0.4	14	2.2
KM3882	2	4	2	978	36	3.7	132	13.5	4	0.4	24	2.4
KM3883	2	4	2	1466	62	4.2	222	15.1	5	0.4	30	2
KM3884	2	4	2	1323	56	4.3	220	16.6	5	0.4	30	2.3
KM3885	2	4	2	725	19	2.7	82	11.3	3	0.4	18	2.4
KM3886	2	4	2	1546	73	4.7	286	18.5	6	0.4	32	2.1
KM3887	11	15	4	627	20	3.3	72	11.5	3	0.4	16	2.5
KM3888	3	5	2	1942	95	4.9	365	18.8	8	0.4	44	2.2
KM3889	2	5	3	1165	47	4	161	13.8	5	0.5	29	2.5
KM3890	5	6	1	388	16	4.2	61	15.8	1	0.4	8	2
KM3890	3	4	1	2025	102	5	372	18.4	7	0.4	37	1.8
KM3891	4	6	2	1149	57	5	205	17.8	5	0.4	25	2.2
KM3892	4	7	3	1311	61	4.7	222	17	5	0.4	26	2

KM3893	3	6	3	1183	54	4.6	198	16.7	6	0.5	31	2.6
KM3894	1	3	2	620	22	3.5	81	13.1	3	0.5	17	2.7
KM3895	2	4	2	535	23	4.3	87	16.4	3	0.5	16	2.9
KM3896	12	14	2	675	26	3.9	87	12.9	3	0.4	14	2.1
KM3897	3	6	3	1256	59	4.7	203	16.1	5	0.4	27	2.2
KM3898	17	18	1	513	23	4.5	80	15.6	2	0.4	10	1.9
KM3898	15	16	1	355	13	3.7	47	13.1	1	0.4	8	2.2
KM3898	13	14	1	807	35	4.3	110	13.7	3	0.4	17	2.1
KM3900	6	8	2	453	16	3.4	57	12.5	2	0.4	10	2.1
KM3901	3	6	3	1777	84	4.7	291	16.4	8	0.4	42	2.4
KM3904	4	5	1	1393	55	3.9	166	11.9	5	0.3	24	1.7
KM3905	3	5	2	1123	54	4.8	177	15.8	4	0.4	21	1.9
KM3906	5	6	1	436	15	3.5	58	13.3	2	0.4	11	2.4
KM3906	2	4	2	1060	34	3.2	117	11.1	4	0.4	25	2.4
KM3907	1	3	2	386	16	4.1	72	18.6	2	0.5	10	2.6
KM3908	4	7	3	1601	63	3.9	280	17.5	7	0.4	41	2.6
KM3909	2	4	2	1901	99	5.2	443	23.3	7	0.4	40	2.1
KM3910	18	19	1	413	18	4.3	76	18.4	1	0.3	7	1.7
KM3911	7	8	1	441	16	3.6	74	16.9	2	0.5	15	3.3
KM3912	4	5	1	770	35	4.5	133	17.3	3	0.4	16	2
KM3912	2	3	1	1622	58	3.6	265	16.3	7	0.5	45	2.8
KM3913	1	2	1	1254	44	3.5	174	13.9	5	0.4	27	2.1
KM3915	2	4	2	728	35	4.8	132	18.1	3	0.4	15	2
KM3916	1	3	2	1214	51	4.2	228	18.8	5	0.4	30	2.4
KM3917	1	2	1	644	22	3.4	99	15.4	2	0.4	14	2.1
KM3918	2	4	2	901	41	4.5	183	20.3	4	0.4	22	2.4
KM3919	2	7	5	726	29	4	124	17.1	3	0.4	16	2.2
KM3920	2	3	1	630	32	5.1	121	19.2	2	0.4	14	2.1
KM3921	5	9	4	535	21	4	92	17.1	2	0.4	12	2.2
KM3922	0	4	4	1210	48	4	216	17.9	5	0.4	31	2.6
KM3923	0	2	2	778	38	4.9	165	21.3	3	0.4	19	2.5
KM3924	1	2	1	1450	60	4.1	215	14.8	4	0.3	24	1.7
KM3925	3	5	2	447	21	4.8	91	20.3	2	0.4	8	1.9
KM3926	4	6	2	483	21	4.3	91	18.8	2	0.4	11	2.3
KM3927	4	6	2	1024	39	3.8	148	14.4	3	0.3	18	1.7
KM3928	1	4	3	962	33	3.4	140	14.5	4	0.4	23	2.4
KM3929	1	2	1	760	39	5.1	154	20.2	3	0.4	19	2.5
KM3930	4	6	2	1222	48	3.9	219	18	5	0.4	31	2.5
KM3931	4	6	2	1297	55	4.2	226	17.4	6	0.5	33	2.6
KM3932	1	3	2	866	40	4.6	164	19	4	0.5	24	2.7
KM3933	4	6	2	888	35	3.9	152	17.1	5	0.5	27	3
KM3934	3	5	2	700	26	3.7	105	15	3	0.5	19	2.7
KM3935	2	5	3	764	33	4.3	131	17.2	4	0.5	22	2.8
KM3936	1	3	2	651	25	3.9	104	15.9	3	0.4	16	2.5
KM3937	4	6	2	763	30	4	126	16.5	3	0.4	19	2.4
KM3938	4	6	2	519	24	4.6	100	19.2	3	0.5	15	2.8
KM3938	0	3	3	412	17	4	73	17.8	2	0.4	11	2.6
KM3939	6	8	2	849	33	3.9	141	16.6	4	0.5	24	2.8
KM3941	6	11	5	575	23	4.1	96	16.8	3	0.5	17	2.9
KM3942	0	4	4	667	31	4.7	132	19.8	3	0.4	17	2.6
KM3943	2	4	2	806	33	4.1	138	17.1	4	0.5	22	2.7
KM3945	6	8	2	679	31	4.5	127	18.7	3	0.5	18	2.7
KM3946	6	9	3	1067	56	5.2	224	21	5	0.4	25	2.4
KM3947	2	5	3	696	32	4.5	119	17.1	2	0.3	13	1.8
KM3948	5	7	2	1507	67	4.4	278	18.4	6	0.4	32	2.1
KM3949	2	5	3	1242	54	4.3	224	18.1	6	0.5	34	2.7
KM3950	2	4	2	894	31	3.5	129	14.5	4	0.5	25	2.8
KM3951	2	4	2	1016	59	5.8	235	23.1	4	0.4	22	2.2
KM3952	2	4	2	504	19	3.8	83	16.6	2	0.4	12	2.4
KM3953	5	7	2	956	36	3.7	151	15.8	5	0.5	25	2.6
KM3954	4	6	2	1182	43	3.7	190	16.1	6	0.5	31	2.6
KM3955	4	7	3	765	29	3.8	127	16.5	4	0.5	24	3.1
KM3956	1	4	3	1106	48	4.3	214	19.3	6	0.5	31	2.8
KM3957	4	6	2	1064	66	6.2	276	25.9	4	0.4	19	1.8
KM3958	4	6	2	1948	80	4.1	350	17.9	7	0.3	35	1.8
KM3959	2	4	2	1658	85	5.1	375	22.6	7	0.4	36	2.1
KM3960	4	6	2	1018	42	4.1	160	15.7	4	0.4	22	2.2
KM3961	3	4	1	494	20	4	92	18.6	2	0.5	12	2.5
KM3962	2	4	2	847	36	4.3	167	19.7	4	0.4	20	2.3
KM3963	4	7	3	683	28	4.1	116	17.1	3	0.4	16	2.4
KM3964	1	3	2	643	31	4.9	117	18.2	3	0.4	14	2.2
KM3965	0	3	3	935	38	4	160	17.2	4	0.4	21	2.3
KM3966	2	5	3	1160	53	4.6	236	20.4	5	0.4	25	2.2

KM3967	3	4	1	1414	73	5.1	320	22.6	7	0.5	37	2.6
KM3968	3	4	1	392	15	3.9	70	17.8	2	0.4	9	2.2
KM3969	2	3	1	435	14	3.3	65	15	2	0.5	11	2.6
KM3970	3	5	2	568	23	4	96	16.8	3	0.5	15	2.6
KM3971	2	5	3	762	33	4.3	144	18.8	3	0.4	18	2.3
KM3972	3	6	3	933	43	4.6	194	20.8	6	0.6	32	3.4
KM3973	5	6	1	596	20	3.4	96	16.1	3	0.4	15	2.5
KM3974	4	5	1	374	15	4.1	67	18	1	0.3	6	1.7
KM3975	3	5	2	656	22	3.3	98	14.9	4	0.6	22	3.4
KM3976	6	7	1	496	12	2.4	53	10.6	1	0.2	7	1.4
KM3977	5	7	2	604	19	3.1	88	14.5	2	0.4	13	2.2
KM3978	7	8	1	381	13	3.4	59	15.5	1	0.4	8	2.1
KM3978	4	6	2	465	14	3	65	14	2	0.4	11	2.3
KM3978	1	3	2	426	14	3.2	64	15	2	0.4	9	2.1
KM3979	0	1	1	421	15	3.6	73	17.3	2	0.4	10	2.3
KM3980	6	9	3	1549	62	4	266	17.1	5	0.3	28	1.8
KM3981	1	4	3	565	19	3.4	89	15.7	2	0.4	13	2.2
KM3982	1	3	2	734	35	4.7	139	18.9	3	0.5	18	2.4
KM3983	1	2	1	819	40	4.9	157	19.2	3	0.4	18	2.2
KM3984	0	2	2	611	22	3.6	96	15.8	3	0.5	16	2.6
KM3985	1	3	2	973	48	5	190	19.5	4	0.4	22	2.3
KM3986	0	4	4	618	19	3.1	87	14	3	0.4	15	2.3
KM3987	1	2	1	969	43	4.5	164	17	3	0.4	19	2
KM3988	6	8	2	3161	165	5.2	533	16.9	4	0.1	19	0.6
KM3989	7	9	2	382	13	3.5	61	15.9	1	0.4	8	2.1
KM3990	2	3	1	479	21	4.4	94	19.7	2	0.4	9	1.9
KM3994	3	4	1	416	14	3.4	62	14.8	1	0.4	8	1.9
KM3994	0	1	1	479	13	2.8	64	13.3	2	0.4	10	2
KM3995	0	2	2	658	26	3.9	108	16.5	3	0.5	18	2.7
KM3996	6	7	1	665	42	6.4	142	21.4	3	0.4	15	2.3
KM3997	1	3	2	566	22	3.9	89	15.8	3	0.5	16	2.8
KM3998	2	4	2	875	36	4.1	142	16.3	4	0.5	26	3
KM3999	5	6	1	584	20	3.4	80	13.7	3	0.4	14	2.4
KM3999	1	4	3	723	25	3.4	99	13.7	3	0.4	15	2
KM4000	1	2	1	403	14	3.6	59	14.6	2	0.5	11	2.7
KM4002	3	4	1	388	14	3.5	56	14.4	2	0.4	9	2.4
KM4002	0	2	2	515	19	3.7	81	15.7	3	0.5	15	2.8
KM4003	10	11	1	372	18	4.8	73	19.6	2	0.4	9	2.4
KM4003	5	9	4	501	16	3.1	64	12.7	2	0.4	12	2.4
KM4003	1	3	2	539	21	3.9	86	15.9	2	0.4	14	2.5
KM4004	1	4	3	437	15	3.5	63	14.5	2	0.5	11	2.6
KM4005	4	5	1	422	15	3.5	62	14.6	2	0.5	12	2.8
KM4005	1	3	2	1042	45	4.3	165	15.9	6	0.5	34	3.3
KM4006	2	4	2	394	18	4.7	74	18.8	2	0.4	10	2.4
KM4007	2	7	5	431	17	4	72	16.6	2	0.5	12	2.7
KM4009	3	5	2	578	28	4.8	117	20.3	3	0.5	17	3
KM4010	5	7	2	1602	79	4.9	310	19.4	6	0.4	33	2
KM4011	4	6	2	558	24	4.4	101	18.2	3	0.5	16	2.8
KM4012	0	2	2	1009	46	4.5	145	14.4	3	0.3	18	1.8
KM4013	3	4	1	711	23	3.2	97	13.6	4	0.5	23	3.2
KM4014	0	1	1	848	38	4.5	161	19	4	0.5	25	2.9
KM4015	0	2	2	507	22	4.3	94	18.5	3	0.5	15	2.9
KM4018	10	11	1	400	19	4.7	72	18	2	0.5	10	2.5
KM4020	7	10	3	819	27	3.4	112	13.7	4	0.4	18	2.2
KM4021	6	9	3	415	16	3.9	66	15.8	2	0.5	11	2.6
KM4021	4	5	1	455	21	4.5	78	17.2	2	0.5	11	2.3
KM4022	2	3	1	380	16	4.3	64	16.9	2	0.5	9	2.4
KM4023	1	2	1	917	36	4	148	16.2	4	0.4	21	2.3
KM4024	0	2	2	519	25	4.8	98	18.9	2	0.5	13	2.5
KM4025	2	3	1	1191	62	5.2	251	21.1	7	0.6	36	3
KM4026	4	5	1	654	34	5.2	132	20.2	3	0.5	19	2.9
KM4027	3	10	7	935	36	3.9	145	15.6	5	0.5	25	2.6
KM4029	6	7	1	1663	64	3.9	244	14.7	6	0.3	31	1.9
KM4030	2	7	5	1527	43	2.8	171	11.2	6	0.4	31	2
KM4031	4	5	1	648	29	4.5	112	17.2	3	0.5	18	2.8
KM4032	1	4	3	509	20	4	80	15.7	2	0.5	14	2.7
KM4033	3	6	3	1163	48	4.2	185	15.9	5	0.4	26	2.2
KM4035	1	4	3	852	43	5	168	19.7	4	0.4	20	2.3
KM4036	0	3	3	615	29	4.7	121	19.7	3	0.6	18	3
KM4037	3	4	1	1296	69	5.4	276	21.3	6	0.5	33	2.5
KM4038	7	8	1	510	22	4.2	93	18.3	2	0.5	15	2.9
KM4038	3	5	2	2181	86	4	388	17.8	12	0.6	74	3.4
KM4039	4	8	4	948	37	3.9	156	16.5	4	0.4	25	2.6

KM4040	6	8	2	1031	46	4.4	190	18.4	4	0.4	26	2.5
KM4041	12	14	2	1247	55	4.4	226	18.2	5	0.4	26	2.1
KM4042	10	13	3	2547	133	5.2	512	20.1	10	0.4	50	2
KM4043	9	10	1	780	34	4.3	128	16.5	3	0.4	17	2.2
KM4044	7	8	1	1616	62	3.8	243	15	6	0.4	33	2
KM4045	4	6	2	503	21	4.2	92	18.4	3	0.6	18	3.7
KM4046	1	2	1	727	30	4.1	129	17.8	4	0.5	22	3
KM4047	1	5	4	1083	42	3.9	173	16	5	0.5	29	2.7
KM4048	3	4	1	1038	45	4.3	187	18	6	0.5	33	3.1
KM4049	4	7	3	779	31	4	133	17.1	4	0.5	23	2.9
KM4050	2	5	3	1335	62	4.7	252	18.8	6	0.4	30	2.2
KM4051	1	2	1	837	43	5.2	168	20.1	3	0.4	18	2.2
KM4052	2	5	3	749	23	3.1	95	12.6	3	0.5	21	2.7
KM4053	0	3	3	857	39	4.6	162	18.9	4	0.5	25	2.9
KM4054	1	2	1	1291	59	4.6	225	17.4	5	0.4	30	2.3
KM4055	4	5	1	483	27	5.6	102	21.2	2	0.4	11	2.2
KM4055	2	3	1	439	17	4	72	16.3	2	0.5	13	2.9
KM4056	7	10	3	389	19	4.9	74	19.1	2	0.4	10	2.5
KM4057	9	10	1	601	19	3.2	72	12	2	0.4	15	2.6
KM4057	6	7	1	366	16	4.3	59	16.2	2	0.6	14	3.8
KM4058	8	10	2	825	40	4.9	152	18.4	4	0.5	26	3.1
KM4059	8	9	1	355	19	5.2	73	20.5	2	0.6	11	3.1
KM4059	3	7	4	1228	46	3.8	184	15	7	0.6	42	3.4
KM4060	3	5	2	899	31	3.5	125	13.9	4	0.5	28	3.1
KM4061	4	6	2	792	29	3.6	116	14.7	4	0.5	24	3
KM4062	0	2	2	616	29	4.6	114	18.5	3	0.5	19	3.1
KM4063	2	4	2	1071	47	4.4	191	17.8	6	0.5	31	2.9
KM4064	1	3	2	1049	41	3.9	164	15.7	5	0.5	31	3
KM4065	4	9	5	943	36	3.8	144	15.3	6	0.6	36	3.8
KM4066	2	4	2	1677	56	3.3	220	13.2	8	0.5	48	2.8
KM4067	4	8	4	780	34	4.4	132	16.9	4	0.5	21	2.7
KM4068	6	10	4	993	56	5.6	203	20.5	4	0.4	19	1.9
KM4069	6	8	2	1154	53	4.6	203	17.6	6	0.5	36	3.1
KM4070	6	8	2	1580	62	3.9	225	14.2	6	0.4	35	2.2
KM4071	8	14	6	746	35	4.6	126	16.9	3	0.4	17	2.3
KM4072	6	10	4	1399	73	5.2	264	18.8	6	0.4	33	2.4
KM4073	8	11	3	1266	53	4.2	192	15.2	6	0.5	32	2.6
KM4074	5	7	2	812	37	4.5	134	16.5	4	0.5	22	2.7
KM4075	4	5	1	4153	172	4.1	699	16.8	21	0.5	116	2.8
KM4076	5	10	5	1274	45	3.5	193	15.2	6	0.5	36	2.8
KM4077	4	8	4	653	27	4.1	117	17.9	4	0.7	25	3.8
KM4078	5	7	2	777	28	3.6	124	15.9	5	0.7	30	3.9
KM4079	5	7	2	486	17	3.5	74	15.3	2	0.5	13	2.8
KM4080	2	3	1	895	40	4.4	155	17.3	4	0.5	23	2.6
KM4081	2	5	3	1351	62	4.6	244	18	6	0.5	34	2.5
KM4082	1	3	2	697	31	4.4	114	16.3	3	0.4	16	2.3
KM4084	1	4	3	723	25	3.5	104	14.4	3	0.5	20	2.7
KM4085	4	9	5	490	25	5	96	19.7	3	0.5	15	3.1
KM4086	1	2	1	380	18	4.6	68	17.9	2	0.5	10	2.7
KM4087	2	6	4	551	23	4.1	86	15.6	2	0.4	12	2.2
KM4088	6	8	2	1531	76	5	281	18.3	9	0.6	50	3.2
KM4089	3	7	4	1254	46	3.7	169	13.5	6	0.5	37	3
KM4090	3	5	2	1218	52	4.3	184	15.1	6	0.5	36	2.9
KM4091	21	23	2	378	18	4.7	57	14.9	1	0.4	7	1.9
KM4093	2	4	2	854	49	5.7	159	18.6	3	0.4	19	2.2
KM4096	6	9	3	879	39	4.4	153	17.4	4	0.5	25	2.8
KM4097	5	9	4	1958	88	4.5	338	17.2	9	0.5	49	2.5
KM4098	1	4	3	527	18	3.3	68	12.9	2	0.3	10	1.9
KM4099	3	6	3	601	28	4.7	99	16.4	2	0.4	14	2.2
KM4100	1	2	1	603	31	5.1	102	17	3	0.4	15	2.5
KM4101	4	6	2	1355	60	4.4	230	17	6	0.4	38	2.8
KM4102	2	4	2	1799	111	6.2	427	23.7	8	0.5	47	2.6
KM4103	2	5	3	483	22	4.7	79	16.3	2	0.4	12	2.4
KM4104	3	6	3	1969	116	5.9	454	23.1	7	0.4	40	2.1
KM4105	3	6	3	866	45	5.1	174	20.1	4	0.4	22	2.6
KM4106	1	3	2	615	31	5	107	17.4	2	0.4	15	2.4
KM4107	1	3	2	726	38	5.3	146	20.1	3	0.4	17	2.3
KM4108	1	2	1	620	36	5.8	114	18.4	2	0.4	13	2.1
KM4114	4	8	4	919	36	4	130	14.1	3	0.3	19	2.1
KM4115	2	5	3	806	41	5.1	153	19	4	0.5	23	2.9
KM4116	3	6	3	739	41	5.5	144	19.5	3	0.4	17	2.4