

13 February 2023

American Rare Earths further extends zone at Halleck Creek, Wyoming

New assays show high rare earth grades from surface to depths of 175.5 metres

Highlights

- Assays confirm rare earth mineralisation to new depths of 175.5 metres
- Depth of mineralisation is 75.5% deeper than original exploration target
- 27% of rare earths includes highly valuable magnetic rare earth elements
- Deposit remains open and with significant upside potential
- Major intercepts include:
 - HC22- RM015 averages 4,303 ppm over 169.5 metres.
 - HC22- RM022 averages 6,948 ppm over 37.5 metres.
 - HC22-RM007 averages 3,966 ppm TREO over 150 metres, over the complete length of the hole.

American Rare Earths (ASX: ARR | OTCQB: ARRN | FSE: 1BHA) or the ‘**Company**’ is pleased to announce assay results for 600 samples from six reverse circulation (RC) holes at the Halleck Creek Rare Earths project in Wyoming, refer to Table 1.

The Company now has complete assay data for 15 holes and partial assays for three (3) additional holes in the Red Mountain project area at the Halleck Mining district, refer to Table 2.

Since the previous release, the Company has received the remaining assay results from HC22-RM015. These confirm enriched rare earth mineralisation over an interval length of 169.5m (487 feet) to a total depth of 175.5m (576 feet). This is an increase of 75.5% over the depth drilled for the maiden drill campaign of 100 metres. Please note, the exploration target of 1.01 to 1.27 billion tonnes announced to market on 1 September 2022, was also based off a depth of 100 metres. Encouragingly, mineralisation remains open at depth.

Drill hole HC22-RM007 showed outstanding results with an average total rare earths oxide (TREO) value of 3,996 ppm from surface along the entire 150m length of the hole. Likewise, drill hole HC22-RM022 contains an interval of 37.5m with an average grade of 6,948 ppm TREO. The Company awaits the final results for three additional holes in the Red Mountain project area and

20 holes in the Overton Mountain project area. ALS laboratories in Vancouver, British Columbia performed the analysis.

Chief Executive Officer and Managing Director Chris Gibbs said he was delighted to announce the recent assay news.

“These are outstanding results and we have consistently seen mineralisation from surface to depths of 150 metres. Although only one hole, it is extremely encouraging to see mineralisation now extend to at least 175.5 metres. This is a 75.5% increase in depth from the maiden drill campaign and well exceeds the basis of the original exploration target of 100 metres.

“We are encouraged about the prospect of a significant rare earth structure at depth and are looking forward to conducting further drilling to determine how deep the deposit is. However, our priority is to establish a significant JORC resource, and at depths of 175.5 metres we already see the basis for a large scale, long life open pit mine on the magnitude of the major copper/gold porphyry deposits, so often seen in the Western USA.

“Let’s keep in mind, these recent assay results are from the Red Mountain area, which is only one of seven zones we have identified in this massive rare earth district.

“We’re eagerly anticipating the remaining drill assay results, including assays for the Overton Mountain zone which was also drilled during this most recent campaign.”

Assay Results

Preliminary assay results from 15 RC holes in the Red Mountain project area have an average TREO of 3,603 ppm, refer to Table 2. Magnetic rare earth oxides (MREO) including the valuable Neodymium and Praseodymium continue to comprise approximately 27% of the rare earths at Red Mountain, refer to Figure 1. A tabulation of the assay results received to date are in Appendix B below.

18 RC holes were drilled in the Red Mountain project area, refer to Figure 2, and an additional 20 holes were drilled in the Overton Mountain project area between October and December 2022.

Table 1 Summary of Recently Received Assays

DHID	Sample Count	Total Thick (m)	TREO			MREO			LREO			HREO		
			Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
HC22-RM005	26	39	2,623	1,687	4,233	702	402	1,098	2,300	1,359	3,844	323	149	495
HC22-RM006	16	24	2,480	1,619	3,832	687	463	995	2,123	1,418	3,293	357	201	539
HC22-RM007	100	150	3,966	2,238	6,666	1,084	620	1,801	3,523	1,965	5,881	443	269	785
HC22-RM008	3	4.5	1,585	1,513	1,663	509	491	536	1,258	1,201	1,321	327	312	342
HC22-RM021	78	117	2,800	1,504	7,183	779	430	1,942	2,492	1,216	6,589	309	239	594
HC22-RM022	25	37.5	6,948	1,828	10,636	1,990	493	3,097	6,239	1,620	9,704	710	208	964
Grand Total	248	372	3,635	1,504	10,636	1,007	402	3,097	3,226	1,201	9,704	408	149	964

TREO: Total rare earth oxide, MREO: Magnetic rare earth oxide, LREO: Light rare earth oxide, HREO: heavy rare earth oxide

**TREO 1,500ppm cut-off

Table 2 Summary of Enriched RE Holes in ppm – All Holes to Date

DHID	Sample Count	Total Thick (m)	TREO			MREO			LREO			HREO		
			Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
HC22-RM005	26	39.0	2,623	1,687	4,233	702	402	1,098	2,300	1,359	3,844	323	149	495
HC22-RM006	16	24.0	2,480	1,619	3,832	687	463	995	2,123	1,418	3,293	357	201	539
HC22-RM007	100	150.0	3,966	2,238	6,666	1,084	620	1,801	3,523	1,965	5,881	443	269	785
HC22-RM008	3	4.5	1,585	1,513	1,663	509	491	536	1,258	1,201	1,321	327	312	342
HC22-RM012	45	67.5	2,281	1,603	2,985	602	438	783	2,040	1,379	2,699	241	187	345
HC22-RM013	50	75.0	3,583	1,699	4,323	965	453	1,196	3,283	1,498	3,952	301	194	371
HC22-RM014	99	148.5	3,958	2,897	4,572	1,053	766	1,260	3,639	2,621	4,200	319	239	372
HC22-RM015	113	169.5	4,303	1,635	5,762	1,189	470	1,596	3,860	1,373	5,084	443	230	678
HC22-RM016	99	148.5	3,495	1,890	4,246	954	497	1,174	3,106	1,686	3,782	389	204	464
HC22-RM017	88	132.0	3,922	1,903	5,969	1,092	607	1,705	3,382	1,334	5,129	540	357	984
HC22-RM018	33	49.5	2,225	1,507	4,639	700	459	1,342	1,824	1,212	4,182	401	274	604
HC22-RM019	63	94.5	3,071	1,597	8,784	866	464	2,321	2,722	1,310	8,335	349	215	730
HC22-RM020	8	12.0	3,602	1,592	8,359	983	446	2,307	3,162	1,367	7,466	439	225	893
HC22-RM021	78	117.0	2,800	1,504	7,183	779	430	1,942	2,492	1,216	6,589	309	239	594
HC22-RM022	25	37.5	6,948	1,828	10,636	1,990	493	3,097	6,239	1,620	9,704	710	208	964
Grand Total	846	1269.0	3,603	1,504	10,636	992	402	3,097	3,209	1,201	9,704	394	149	984

TREO: Total rare earth oxide, MREO: Magnetic rare earth oxide, LREO: Light rare earth oxide, HREO: heavy rare earth oxide

**TREO 1,500ppm cut-off

Figure 1 Distribution of Magnet Rare Earth Oxide Elements

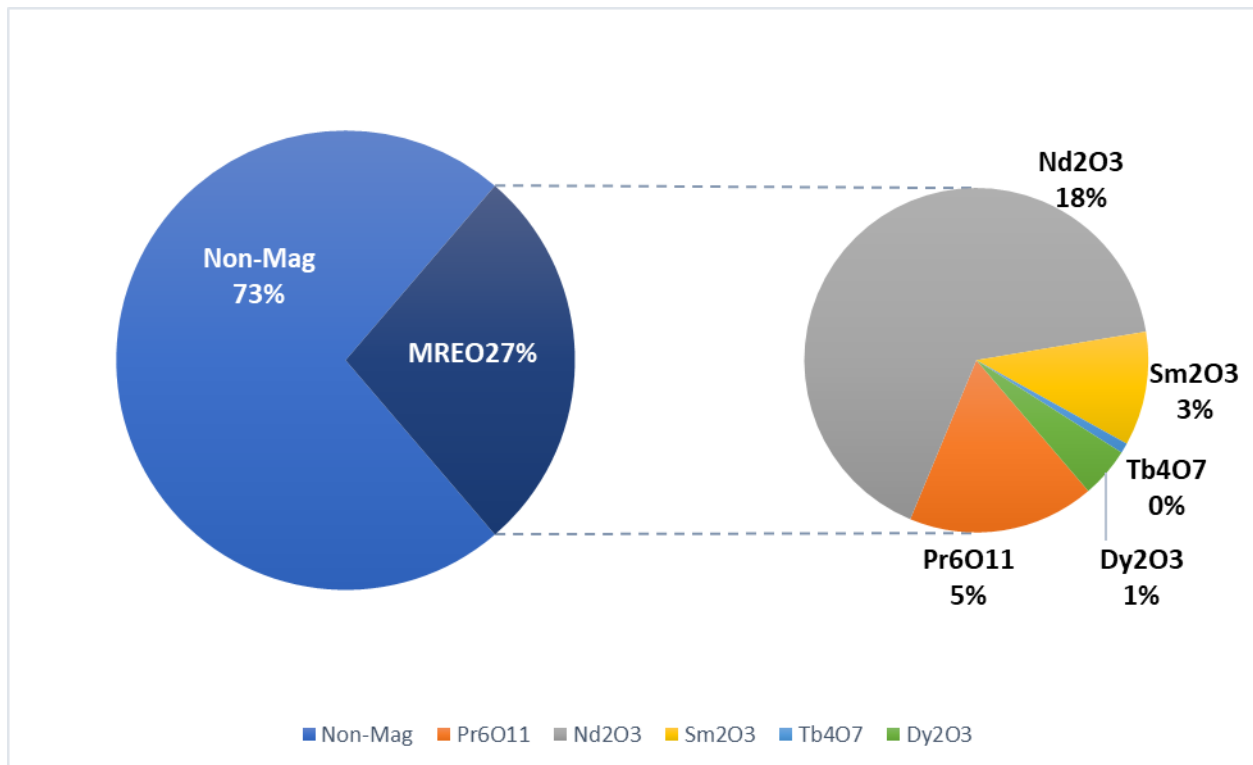
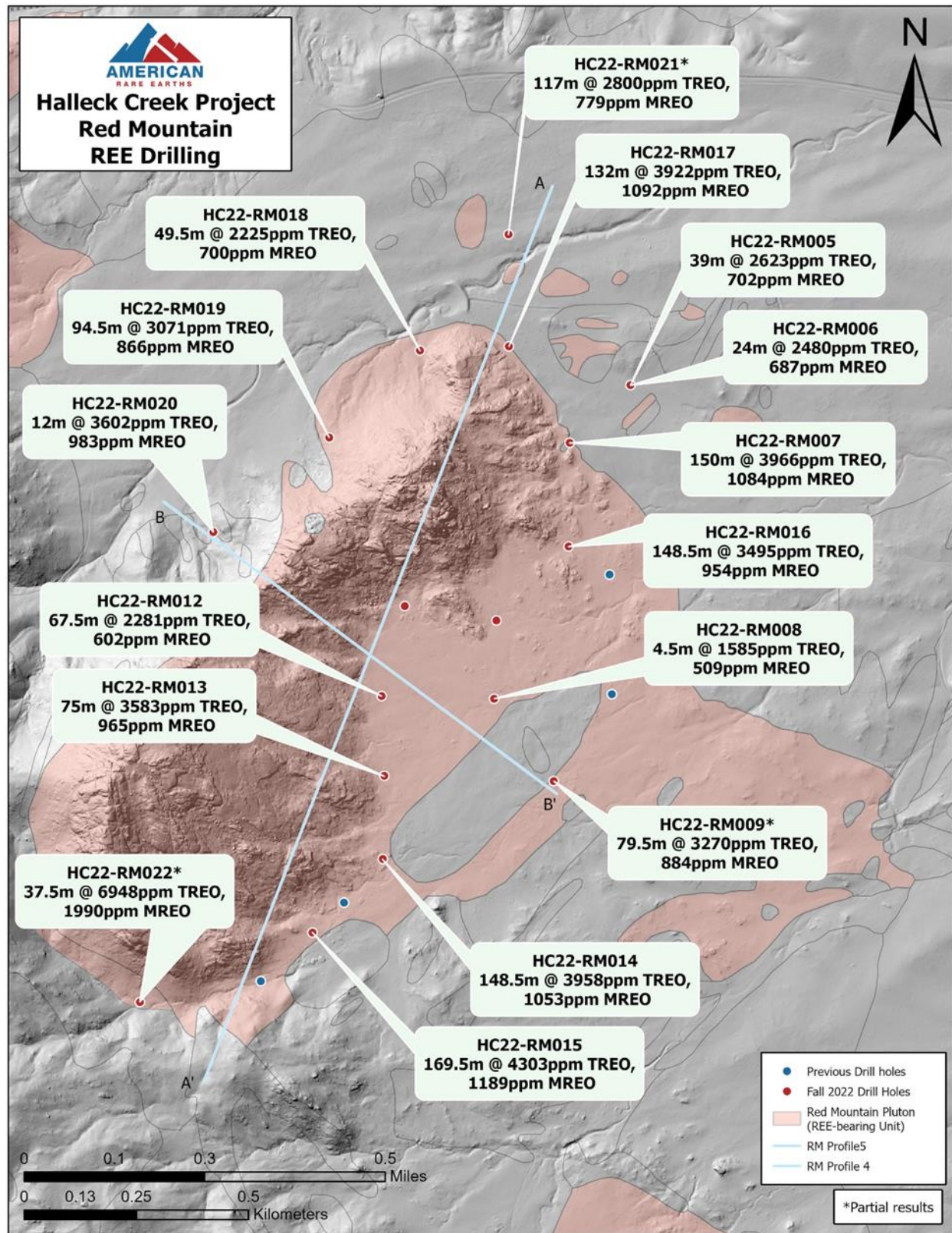


Figure 2 Red Mountain Area Drill Holes



The assay results demonstrate consistent rare earth mineralisation associated with clinopyroxene quartz monzonite (CQM) and fayalite monzonite (FM) rocks of the Red Mountain Pluton (RMP). Drill hole HC22-RM007 shows TREO value exceeding 1,500ppm along the entire 150m length of the drill hole, refer to Figure 3. The average TREO for the drill hole is 3,966ppm.

Drill hole HC22-RM015 was drilled to 175.5 metres (576 feet) and consisted primarily of CQM, refer to Figure 4. As previously released, the last sample in drill hole HC22-RM015 contains a TREO value of 3,665 ppm. Since the previous release, the Company received all assays for drill hole HC22-RM015. This hole has an average TREO value of 4,303 ppm over an interval of 169.5 metres (487 feet).

Drill hole HC22-RM022 contains a highly enriched zone 37.5m long which contains an average TREO of 6,948 ppm. Additionally, one sample contains 10,636ppm or 1.06% TREO.

Drill hole HC22-RM008 consists of biotite hornblende syenite with lower REO grades. HC22-RM008 only contains 4.5m of material exceeding TREO of 1,500m. However, HC22-RM008 contains 96m of material with TREO exceeding 1,000ppm.

Figure 3 Drill hole HC22-RM007

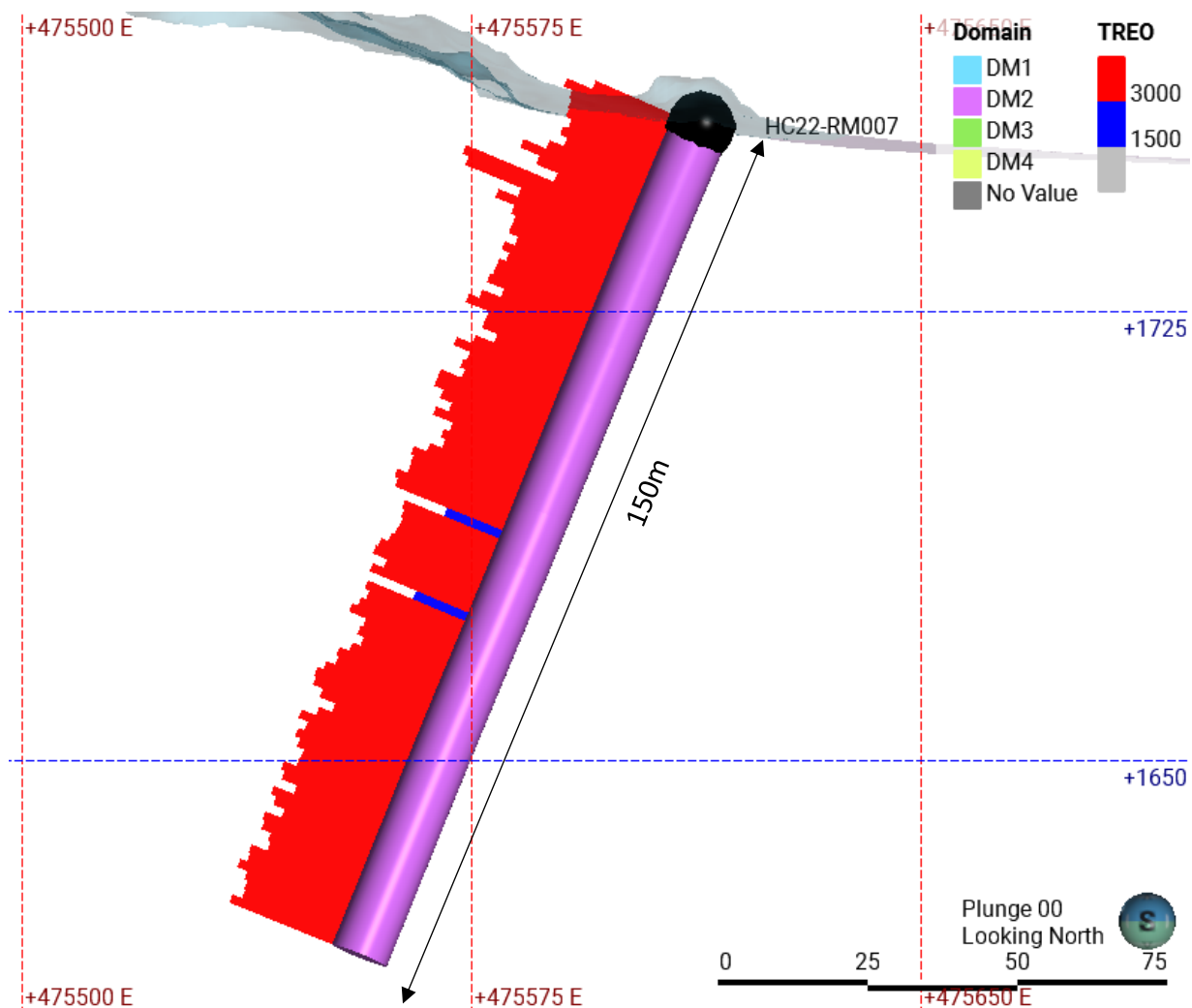
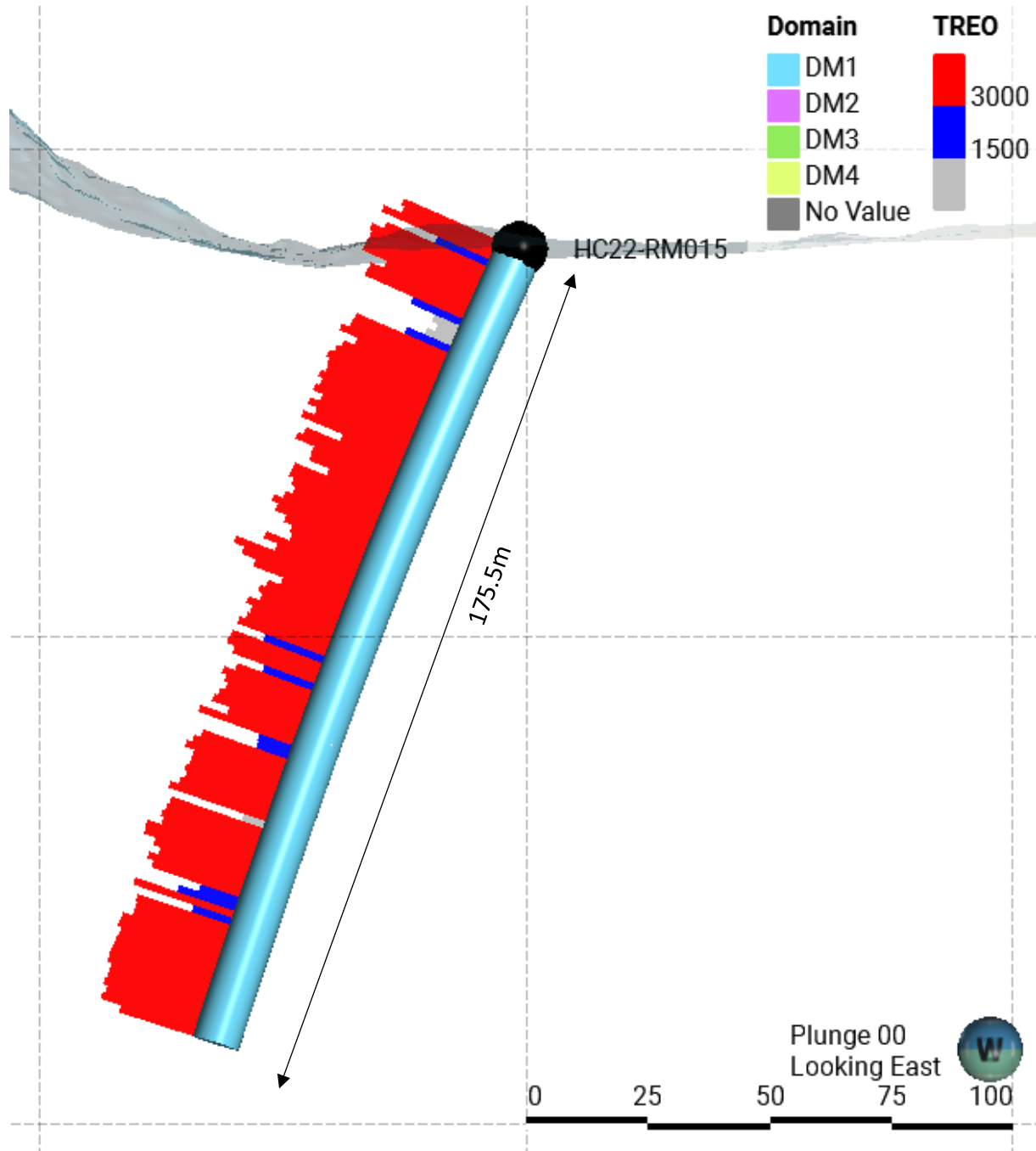


Figure 4 Drill hole HC22-RM015



Average values for the penalty elements of Thorium and Uranium remain very low, Table 3.

Table 3 Average Thorium Oxide and Uranium Oxide values in ppm

DHID	ThO2	UO2
HC22-RM005	51	7
HC22-RM006	45	6
HC22-RM007	70	8
HC22-RM008	16	6
HC22-RM012	45	6
HC22-RM013	74	8
HC22-RM014	81	8
HC22-RM015	80	9
HC22-RM016	64	9
HC22-RM017	62	9
HC22-RM018	23	6
HC22-RM019	44	6
HC22-RM020	61	10
HC22-RM021	41	5
HC22-RM022	94	12
Grand Total	63	8

Figure 2 shows lines of section crossing the Red Mountain Resource area. Figure 2 and Figure 3 illustrate the extent of the CQM and BHS lithological units within the Red Mountain Pluton. While the CQM unit contain the highest REO grades, the BHS unit shows considerable TREO grades between 1,000ppm and 1,500ppm as observed in drill hole HC22-RM008.

This market announcement has been authorised for release to the market by the Board of American Rare Earths Limited.

Mr Chris Gibbs
CEO & Managing Director

Competent Persons Statement:

The information in this document is based on company work performed in January 2023. This work was reviewed and approved for release by Mr Dwight Kinnes (Society of Mining Engineers #4063295RM) is employed by American Rare Earths and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 JORC Code. Mr Kinnes consents to the inclusion in the report of the matters based upon the information in the form and context in which it appears.

About American Rare Earths:

One of the only ASX listed companies with exposure to the rapidly expanding US market, American Rare Earths is developing its 100% owned magnet metals projects, La Paz in Arizona, and Halleck Creek in Wyoming. Both have potential to be among the largest, rare earths deposits in North America. The Company is concurrently evaluating other exploration opportunities while collaborating with US Government supported R&D to develop a sustainable domestic supply chain for the renewable future.

Figure 2 Red Mountain Cross-Section A-A'

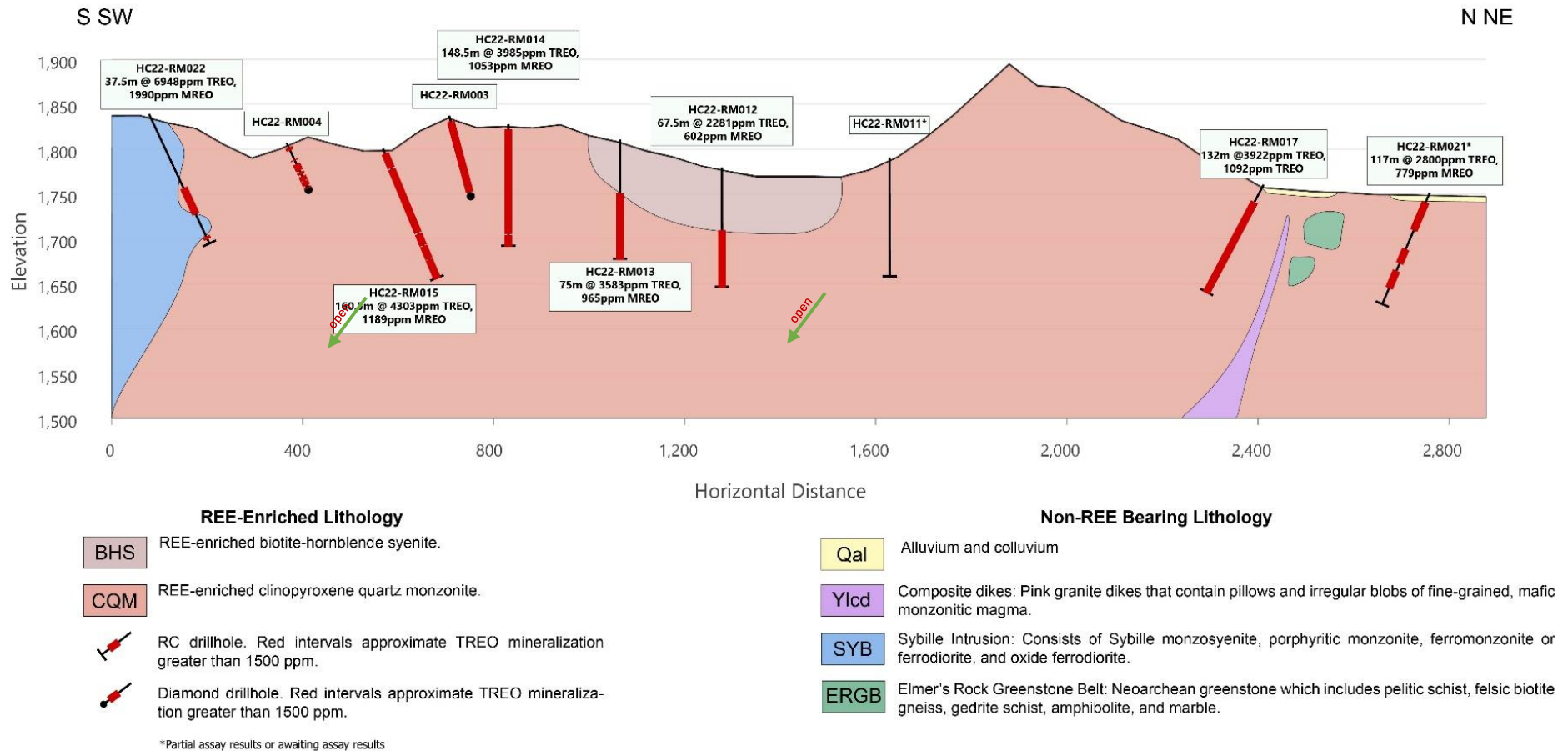
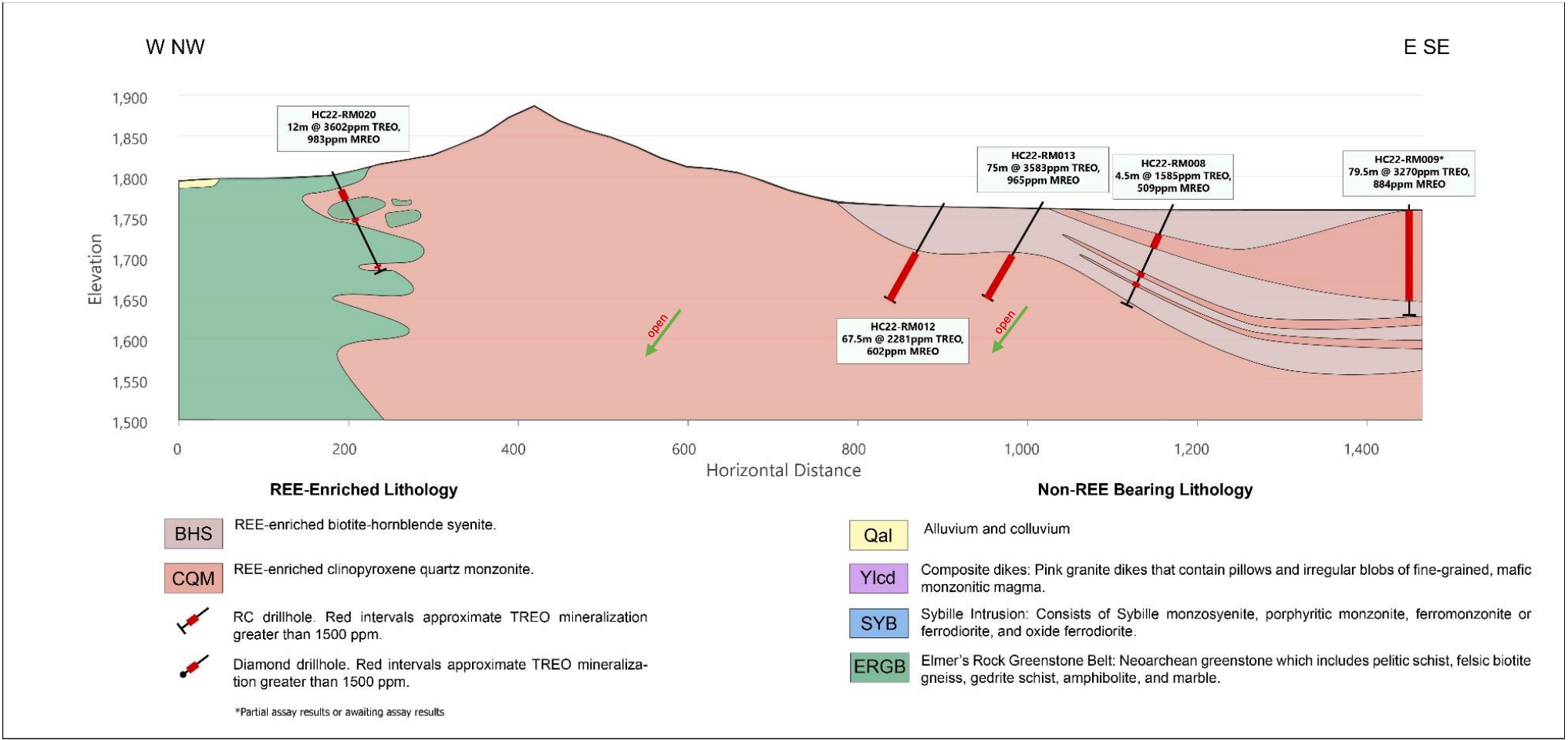


Figure 3 Red Mountain Cross Section – B-B'



Appendix – JORC Table 1

JORC Code, 2012 Edition – Table 1 Halleck Creek Exploration Area		
Section 1 Sampling Techniques and Data		
(Criteria in this section apply to all succeeding sections.)		
Criteria	JORC Code explanation	Commentary
Sampling techniques	<i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole gamma sondes, handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</i>	ARR drilled 38 reverse circulation (RC) holes across the Halleck Creek Resource Claim area. All holes were approximately 150 meters (492.13 feet) deep. With the exception of HC22-RM015 which went to a depth of 175.5 meters (576 feet). Chip samples were collected at 1.5 meter continuous intervals via rotary splitter. In March and April 2022, ARR drilled nine HQ-sized core holes across the Halleck Creek Resource claim area. All holes were approximately 350 ft with the exception of one hole which was terminated at 194 ft. Total drilled length of 3,008 ft (917 m). Rock core was divided into sample lengths of 5 ft (1.52 m) long and at key lithological breaks. An additional 71 surface rock samples were collected on claim areas east of the Overton Mountain study area. A total of 513 surface rock samples exist at the Halleck Creek. Surface rock samples collected by ARR are logged, photographed and located using handheld GPS units. As part of reverse circulation (RC) exploration drilling at Halleck Creek. ARR collected XRF readings on RC chip samples. Elements included in XRF measurements include: Lanthanum, Cerium, Neodymium, and Praseodymium. ARR collected three XRF readings on each sample, then averaged the readings. Readings are performed at 25-meter intervals down each drill hole. These values are considered to be qualitative in natures and provide only rough indications of grade.

		Currently, ARR has received complete assay results for 13 drill holes and partial results for two additional holes. The assay data is shown in Appendix B.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	Core recoveries and RQDs were calculated by ARR field geologists.
	<i>Aspects of the determination of mineralisation that are Material to the Public Report.</i>	
	<i>In cases where 'industry standard' work has been done, this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</i>	Reverse circulation rock chip samples were collected at 1.5-meter continuous intervals via rotary splitter. For each interval chip samples were placed in labelled sample bags weighing between 1-2kg. A 0.5-1kg sample was collected for reserve analysis and logging. Chip samples were also placed into chip trays with 20 slots for logging and XRF analysis. Rock core samples 5 ft (1.52 m) long are being fillet cut. The fillet cuts are being pulverised and sampled for 60 elements including rare earth elements using ICP-MS and industry standards. A select number of samples are additionally being assayed for whole rock geochemistry. American Assay Labs in Sparks, NV is performed the analyses.
		RC chip samples were sent to ALS labs in Twin Falls, ID for preparation and forwarded on to ALS labs in Vancouver, BC for ICP-MS analysis.

<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 another type, whether the core is oriented and if so, by what method, etc.).</i>	A Schraam T-450 reverse circulation drill rig was used to drill all 38 RC drill holes. A continuous rotary sample splitter was used to collect the RC samples at 1.5m intervals.
<i>Drill sample recovery</i>	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	A continuous rotary sample splitter was used to collect the RC samples at 1.5m intervals. All RC samples were visually logged by ARR geologists. Drill core was collected in lengths 1.5 meters. Samples at 25m intervals were photos and analysed using an Olympus Vanta handheld XRF analyser in triplicate. Lanthanum, Cerium, Neodymium, and Praseodymium were analysed.
	<i>Measures are taken to maximise sample recovery and ensure the representative nature of the samples.</i>	Reverse circulation rock chip samples were collected at 1.5-meter continuous intervals via rotary splitter. For each interval chip samples were placed in labelled sample bags weighing between 1-2kg. A 0.5-1kg sample was collected for reserve analysis and logging. Chip samples were also placed into chip trays with 20 slots for logging and XRF analysis. All core and associated samples were immediately placed in core boxes.
	<i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	Recoveries were very high in competent rock. No loss or gain of grade or grade bias related to recovery
<i>Logging</i>	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i>	All RC samples were visually logged by ARR geologists from chip trays using 10x binocular microscopes. Samples at 25m intervals were photos and analysed using an Olympus Vanta handheld XRF analyser in triplicate. Lanthanum, Cerium, Neodymium, and Praseodymium were analysed.

	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i>	RC samples and logging is quantitative in nature. Chip samples are stored in secure sample trays. Chip samples were photographed and 25m intervals.
	<i>The total length and percentage of the relevant intersections logged.</i>	All RC samples were visually logged by ARR geologists for each 1.5-meter continuous sample. All drill core was visually logged, measured, and photographed by ARR geologists. Drill core was collected in lengths (runs) of 5 feet (1.52m). ARR geologists calculated recoveries for each core run. ARR geologists logged lithology, various types of alteration and mineralisation, fractures, fracture conditions, and RQD.
<i>Sub-sampling techniques and sample preparation</i>	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	
	<i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i>	Samples varied between wet and dry. The coarse crystalline nature of the deposit minimizes adverse effects of wet samples. Samples were rotary split during drilling and sample collection.
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	RC samples were from Pulverize split of up to 250 g to better than 85 % passing minus 75 microns.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise the representivity of samples.</i>	ARR submitted CRM sample blanks, CRM standard REE samples from CND Labs and duplicate samples for analysis. Blank samples were added one for every 10 core samples, REE samples were added one for every 25 core samples, and Duplicate samples were added one per every 25 core samples.

	<i>Measures are taken to ensure that the sampling is representative of the in situ material collected, including, for instance, results for field duplicate/second-half sampling.</i>	A continuous rotary sample splitter was used to segregate three samples per 1.5m interval.
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	Allanite is generally well distributed across the core and the sample sizes are representative of the fine grain size of the Allanite.
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	ALS uses a 5-acid digestion and 48 elements by lithium borate fusion and ICP-MS. For quantitative results of all elements, including those encapsulated in resistive minerals
	<i>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.</i>	Samples at 25m intervals were photos and analysed using an Olympus Vanta handheld XRF analyser in triplicate. Lanthanum, Cerium, Neodymium, and Praseodymium were analysed. Simple average values of three XRF readings were calculated. No downhole geophysical tools used in the drilling program.
	<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>	For the RC drilling, ARR submitted CRM sample blanks, CRM standard REE samples from CND Labs and duplicate samples for analysis. CRM and Blank samples were inserted alternately at 20 sample intervals. Internal laboratory blanks and standards will additionally be inserted during analysis.
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	RC chip samples have not yet been verified by independent personnel.
	<i>The use of twinned holes.</i>	No twinned holes were used.

	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	Data entry was performed by ARR personnel and checked by ARR geologists. All field logs were scanned and uploaded to company file servers. All photographs of the core were also uploaded to the file server daily. Drilling data will be imported into the DHDB drill hole database. All scanned documents are cross-referenced and directly available from the database. Assay data for the RC drilling was received electronically from ALS. Digital copies of the final data are cross-referenced in DHDB. The spreadsheets of data from ALS are imported directly into DHDB.
	<i>Discuss any adjustment to assay data.</i>	Oxide values are calculated in the database using the molar mass of the element and the oxide
<i>Location of data points</i>	<i>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.</i>	RC drill holes have been located using handheld GPS units. Final surveys of hole locations will be performed by professional surveyors.
	<i>Specification of the grid system used.</i>	The grid system used to compile data was NAD83 Zone 13N.
	<i>Quality and adequacy of topographic control.</i>	Topography control is +/- 10 ft (3 m).
<i>Data spacing and distribution</i>	<i>Data spacing for reporting of Exploration Results.</i>	Both randomly spaced and localised clustering of drillholes.
	<i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i>	The drill hole data is at a sufficient spacing to determine a mineral resource or reserve. However, until all assay results of the RC drilling have been received, verified and modeled, no resources or reserves are being reported for the Halleck creek area.
	<i>Whether sample compositing has been applied.</i>	Each sample is the result of assaying a 1.5m interval. Composite assay values have not been calculated or applied.
<i>Orientation of data in relation to geological structure</i>	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	All the RC holes were drilled at 65 degree angles using azimuth toward the primary rock formation.

	<i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	
<i>Sample security</i>	<i>The measures are taken to ensure sample security.</i>	All RC chip samples were collected from the drill rigs and stored in a secured, locked facility. Sample pallets were shipped weekly, by bonded carrier, directly to ALS labs in Twin Falls, ID. Chains of custody were maintained at all times. All rock samples were in the direct control of company geologists until dispatched to ALS Labs.
<i>Audits or reviews</i>	<i>The results of any audits or reviews of sampling techniques and data.</i>	No external audits or reviews have been conducted to date. However, sampling techniques are consistent with industry standards.

Section 2 Reporting of Exploration Results		
(Criteria listed in the preceding section also apply to this section.)		
Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership, including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	AREL acquired 5 unpatented federal lode claims on BLM US Federal Land totalling 71.6 acres (29 has) from Zenith Minerals Ltd. in 2021. 67 unpatented federal lode claims were staked by ARR that totalled 1193.3 acres (482 ha) in summer 2021. AREL staked 182 unpatented federal lode claims in March 2022 covering an area of approximately 3,088 acres (1,250 ha). AREL staked 118 unpatented federal lode claims in November 2022 covering an area of approximately 2,113 acres (855 ha). As of 31 December 2022, AREL controlled 367 unpatented federal lode claims and 4 Wyoming State mineral licenses covering 8,165 acres (3,304 ha).
	The security of the tenure held at the time of reporting and any known impediments to obtaining a licence to operate in the area.	No impediments to holding the claims exist. To maintain the claims an annual holding fee of \$165/claim (\$11,880.00) is payable to the BLM. To maintain the State leases minimum rental payments of \$1/acre for 1-5 years; \$2/acre for 6-10 years; and \$3/acre if held for 10 years or longer.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Prior to sampling by WIM on behalf of Blackfire Minerals and Zenith Minerals there was no previous sampling by any other groups within the ARR claim and Wyoming State Lease blocks.
Geology	Deposit type, geological setting and style of mineralisation.	The REE's occur within Allanite which occurs as a variable constituent of the Red Mountain Pluton. The occurrence can be characterised as a disseminated type rare earth deposit.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:	FTE DRILLING USA INC. of Mount Uniacke, Nova Scotia used a Schraam T-450 track mounted rig to drill 38 reverse circulation drill holes. Drill hole depths for 327 holes was 150m and one hole at 175.5m.

		Authentic Drilling from Kiowa, Colorado used both a track mounted and ATV mounted core rig to drill nine HQ diameter core holes. From March to April 2022, ARR drilled nine core holes across the Halleck Creek claim area. Drill holes ranged in depth from 194 to 352.5 ft with a total drilled length of 3,008 ft (917 m).
	<i>easting and northing of the drill hole collar</i>	All relevant information for this section can be found in Table 1 of the report entitled "Summary of Maiden Exploration Drilling at the Halleck Creek Project Area", May 2022. A preliminary summary of the Halleck Creek RC program can be found in the report entitled "Summary of Fall 2022 Exploration Drilling at the Halleck Creek Project Area", December 2022.
	<i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i>	
	<i>dip and azimuth of the hole</i>	
	<i>downhole length and interception depth</i>	
	<i>Hole length.</i>	
	<i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i>	No Drilling data has been excluded
<i>Data aggregation methods</i>	<i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</i>	Average Grade values were cut at minimum of TREO 1,500 ppm.
	<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>	Assays are representative of 1.5m sample intervals for RC chips. Core samples were collected every 1.52m.
	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	No metal equivalents used.
<i>Relationship between mineralisation widths and intercept lengths</i>	<i>These relationships are particularly important in the reporting of Exploration Results.</i> <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i> <i>If it is unknown and only the downhole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</i>	The geometry of the mineralisation with respect to drill hole angle is not yet known. Vertical holes represent true depth and angled holes represent down-hole length.

<i>Diagrams</i>	<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>	See Figures in ASX Release “Halleck Creek Drilling Update” dated 24 November 2022.
<i>Balanced reporting</i>	<i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practised to avoid misleading reporting of Exploration Results.</i>	ARR currently has assay results for approximately 1517 samples for 15 full drill holes in the Red Mountain area. The REO values for 600 samples being included in Appendix B of this release.
<i>Other substantive exploration data</i>	<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 characteristics; potential deleterious or contaminating substances.</i>	In hand specimen this rock is a red colored, hard and dense granite with areas of localised fracturing. The rock shows significant iron staining and deep weathering. Microscopic description: In hand specimen the samples represent light colored, fairly coarse-grained granitic rock composed of visible secondary iron oxide, amphibole, opaques, clear quartz and pink to white colored feldspar. All of the specimens show moderate to strong weathering and fracturing. Allanite content is variable from trace to 2%. Rare Earths are found within the Allanite. Historical metallurgical testing consisted of concentrating the Allanite by both gravity and magnetic separation. The current program employs sequential high gradient magnetic separation and flotation to produce a concentrate suitable for downstream rare earth elements extraction.
<i>Further work</i>	<i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	Further drilling, mapping and sampling is planned.
	<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>	Additional drilling is planned in new exploration areas and to increase resource confidence levels.

Appendix B –Incremental Assay Results – Converted to Oxides

DHID	sample_no	from	to	TREO	HREO	MREO	LREO	La2O3	Ce2O3	Pr6O11	Nd2O3	Sm2O3	Y2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3
HC22-RM005	HC22-0824	0.0	1.5																			
HC22-RM005	HC22-0825	1.5	3.0																			
HC22-RM005	HC22-0826	3.0	4.5	1065	157	283	908	205	440	48	183	32	87	5	24	3	17	3	9	1	7	1
HC22-RM005	HC22-0827	4.5	6.0	1197	159	307	1038	240	512	55	198	33	86	5	25	3	18	3	9	1	8	1
HC22-RM005	HC22-0828	6.0	7.5	1070	117	277	953	222	469	50	183	29	61	5	20	3	12	2	6	1	6	1
HC22-RM005	HC22-0830	7.5	9.0	1020	116	270	904	213	437	48	178	28	61	5	19	3	13	2	6	1	5	1
HC22-RM005	HC22-0831	9.0	10.5	1081	129	282	952	219	468	49	185	31	68	5	21	3	14	3	7	1	6	1
HC22-RM005	HC22-0832	10.5	12.0	940	141	249	799	185	383	43	160	28	78	5	20	3	15	3	8	1	7	1
HC22-RM005	HC22-0833	12.0	13.5	3809	390	984	3419	793	1695	179	652	100	209	9	67	9	44	8	21	3	17	3
HC22-RM005	HC22-0834	13.5	15.0	2322	337	625	1985	430	975	105	404	71	189	6	51	7	38	7	19	3	15	2
HC22-RM005	HC22-0835	15.0	16.5	1459	222	371	1237	278	615	64	238	42	127	5	30	4	23	5	13	2	11	2
HC22-RM005	HC22-0836	16.5	18.0	289	51	71	238	60	113	12	45	8	30	2	6	1	5	1	3		3	
HC22-RM005	HC22-0837	18.0	19.5	489	106	130	383	88	178	21	80	16	63	2	13	2	11	2	6	1	5	1
HC22-RM005	HC22-0838	19.5	21.0	336	87	93	249	50	117	14	56	12	52	1	10	2	9	2	5	1	4	1
HC22-RM005	HC22-0839	21.0	22.5	1071	145	279	926	216	450	49	180	31	82	4	21	3	16	3	8	1	6	1
HC22-RM005	HC22-0840	22.5	24.0	3839	341	975	3498	863	1707	181	650	97	180	9	61	8	39	7	18	2	15	2
HC22-RM005	HC22-0841	24.0	25.5	3281	314	823	2967	725	1462	152	545	83	167	9	54	7	36	7	17	2	13	2
HC22-RM005	HC22-0842	25.5	27.0	1714	149	402	1565	392	790	78	268	37	79	8	24	3	16	3	8	1	6	1
HC22-RM005	HC22-0843	27.0	28.5	906	146	237	760	173	369	40	150	28	81	5	21	3	16	3	9	1	6	1
HC22-RM005	HC22-0844	28.5	30.0	1917	297	506	1620	358	797	85	323	57	162	7	46	7	34	7	17	2	13	2
HC22-RM005	HC22-0845	30.0	31.5	1769	249	464	1520	342	749	80	297	52	133	7	40	6	29	5	14	2	11	2
HC22-RM005	HC22-0846	31.5	33.0	2093	204	531	1889	446	941	98	349	55	104	7	38	5	24	4	11	1	9	1
HC22-RM005	HC22-0847	33.0	34.5	2338	234	606	2104	490	1039	112	402	61	127	5	40	5	26	5	12	2	10	2
HC22-RM005	HC22-0848	34.5	36.0	1688	329	476	1359	277	647	76	303	56	194	8	44	6	35	7	17	2	14	2
HC22-RM005	HC22-0850	36.0	37.5	4233	389	1098	3844	925	1873	206	734	106	214	9	68	9	43	8	19	2	15	2
HC22-RM005	HC22-0851	37.5	39.0	2569	258	663	2311	552	1131	123	439	66	140	7	43	6	29	5	13	2	11	2
HC22-RM005	HC22-0852	39.0	40.5	2182	287	580	1895	423	930	103	379	60	158	9	45	6	32	6	15	2	12	2
HC22-RM005	HC22-0853	40.5	42.0	2591	336	686	2255	503	1110	121	449	72	189	10	51	7	37	7	17	2	14	2
HC22-RM005	HC22-0854	42.0	43.5	1741	215	454	1526	349	749	82	299	47	119	9	33	4	22	4	11	2	9	2
HC22-RM005	HC22-0855	43.5	45.0	3900	440	1015	3460	814	1689	187	667	103	242	9	69	9	49	9	24	3	22	4
HC22-RM005	HC22-0856	45.0	46.5	3123	449	827	2674	603	1302	144	537	88	255	8	64	9	49	9	25	4	22	4
HC22-RM005	HC22-0857	46.5	48.0	886	129	226	757	177	369	41	147	23	76	3	17	2	13	3	7	1	6	1
HC22-RM005	HC22-0858	48.0	49.5	742	119	194	623	143	300	34	126	20	67	5	16	2	12	2	7	1	6	1
HC22-RM005	HC22-0859	49.5	51.0	361	78	87	283	69	135	15	54	10	45	3	8	1	7	2	5	1	5	1
HC22-RM005	HC22-0860	51.0	52.5	282	67	64	215	57	101	11	39	7	39	3	6	1	6	1	4	1	5	1
HC22-RM005	HC22-0861	52.5	54.0	331	79	76	252	64	120	13	47	8	46	3	8	1	7	2	5	1	5	1
HC22-RM005	HC22-0862	54.0	55.5	471	129	120	342	76	160	18	73	15	81	3	13	2	12	3	7	1	6	1
HC22-RM005	HC22-0863	55.5	57.0	547	97	143	450	103	216	24	91	16	55	4	12	2	10	2	5	1	5	1
HC22-RM005	HC22-0864	57.0	58.5	551	108	143	443	101	211	24	91	16	63	4	13	2	10	2	6	1	6	1
HC22-RM005	HC22-0865	58.5	60.0	530	111	137	419	95	200	22	86	16	65	4	12	2	11	2	7	1	6	1
HC22-RM005	HC22-0866	60.0	61.5	504	116	129	388	89	183	21	80	15	70	3	12	2	11	2	7	1	7	1
HC22-RM005	HC22-0867	61.5	63.0	479	94	121	385	91	184	21	76	13	54	4	10	2	9	2	5	1	6	1
HC22-RM005	HC22-0868	63.0	64.5	801	163	214	638	142	303	35	133	25	97	4	19	3	18	3	9	1	8	1
HC22-RM005	HC22-0869	64.5	66.0	785	137	208	648	144	312	35	134	23	80	4	17	2	14	3	8	1	7	1

HC22-RM005	HC22-0871	66.0	67.5	736	134	202	602	130	287	33	128	24	79	2	18	3	14	3	7	1	6	1
HC22-RM005	HC22-0872	67.5	69.0	676	133	200	543	107	253	31	125	27	78	2	20	3	14	3	6	1	5	1
HC22-RM005	HC22-0873	69.0	70.5	1016	210	316	806	146	372	47	198	43	121	3	37	5	23	4	9	1	6	1
HC22-RM005	HC22-0874	70.5	72.0	1143	258	353	885	159	408	52	216	50	150	4	44	6	29	5	11	1	7	1
HC22-RM005	HC22-0875	72.0	73.5	846	154	260	692	131	322	41	164	34	85	3	28	4	17	3	7	1	5	1
HC22-RM005	HC22-0876	73.5	75.0	1759	216	491	1543	324	757	85	321	56	119	5	39	5	24	4	10	1	8	1
HC22-RM005	HC22-0877	75.0	76.5	873	144	232	729	166	349	40	149	25	84	4	18	3	15	3	8	1	7	1
HC22-RM005	HC22-0878	76.5	78.0	757	131	198	626	142	301	34	127	22	77	4	17	2	13	3	7	1	6	1
HC22-RM005	HC22-0879	78.0	79.5	770	172	202	598	133	284	33	125	23	104	5	20	3	18	3	9	1	8	1
HC22-RM005	HC22-0880	79.5	81.0	915	143	243	772	174	373	43	156	26	82	5	20	3	15	3	7	1	6	1
HC22-RM005	HC22-0881	81.0	82.5	1094	164	293	930	196	461	50	190	33	97	4	23	3	17	3	8	1	7	1
HC22-RM005	HC22-0882	82.5	84.0	1069	170	294	899	189	437	50	190	33	101	3	23	3	18	3	9	1	8	1
HC22-RM005	HC22-0883	84.0	85.5	1103	152	319	951	207	445	51	215	33	84	4	25	3	17	3	7	1	7	1
HC22-RM005	HC22-0884	85.5	87.0	3622	427	1020	3195	667	1566	166	694	102	226	12	75	9	49	8	22	3	20	3
HC22-RM005	HC22-0885	87.0	88.5	3801	495	1068	3306	684	1621	167	721	113	270	13	81	11	56	10	24	4	23	3
HC22-RM005	HC22-0886	88.5	90.0	3058	424	871	2634	536	1284	137	582	95	231	12	70	9	48	8	20	3	20	3
HC22-RM005	HC22-0887	90.0	91.5	1905	316	554	1589	339	737	86	365	62	180	8	46	6	35	6	16	2	15	2
HC22-RM005	HC22-0888	91.5	93.0	1864	290	545	1574	335	732	84	363	60	159	10	45	6	32	6	14	2	14	2
HC22-RM005	HC22-0890	93.0	94.5	2662	389	749	2273	463	1112	118	498	82	213	11	62	8	43	8	19	3	19	3
HC22-RM005	HC22-0891	94.5	96.0	1497	243	433	1254	271	582	67	286	48	135	8	35	5	27	5	12	2	12	2
HC22-RM005	HC22-0892	96.0	97.5	2735	370	758	2365	490	1166	120	509	80	203	10	60	7	42	7	19	2	17	3
HC22-RM005	HC22-0893	97.5	99.0	1687	254	476	1433	313	676	76	317	51	144	7	37	5	27	5	12	2	13	2
HC22-RM005	HC22-0894	99.0	100.5	447	82	129	365	79	168	20	84	14	47	1	11	2	9	2	4	1	4	1
HC22-RM005	HC22-0895	100.5	102.0	341	53	98	288	62	135	16	64	11	30	1	8	1	6	1	3		3	
HC22-RM005	HC22-0896	102.0	103.5	21	3	5	18	5	8	1	3	1	3									
HC22-RM005	HC22-0897	103.5	105.0	91	16	26	75	16	35	4	17	3	9	1	2		2		1		1	
HC22-RM005	HC22-0898	105.0	106.5	549	138	163	411	77	187	23	104	20	84	2	17	2	14	3	7	1	7	1
HC22-RM005	HC22-0899	106.5	108.0	859	222	269	637	117	279	36	171	34	123	10	30	4	24	4	11	2	12	2
HC22-RM005	HC22-0900	108.0	109.5	835	208	268	627	111	274	36	171	35	116	9	27	4	22	4	11	2	11	2
HC22-RM005	HC22-0901	109.5	111.0	955	246	311	709	122	305	41	201	40	138	11	33	4	25	5	13	2	13	2
HC22-RM005	HC22-0902	111.0	112.5	936	252	309	684	115	292	39	198	40	140	11	34	5	27	5	13	2	13	2
HC22-RM005	HC22-0903	112.5	114.0	1003	259	331	744	125	321	43	212	43	144	12	35	5	28	5	13	2	13	2
HC22-RM005	HC22-0904	114.0	115.5	987	254	323	733	127	314	43	209	40	143	12	33	5	26	5	12	2	14	2
HC22-RM005	HC22-0905	115.5	117.0	1006	260	317	746	133	328	42	202	41	147	11	34	5	27	5	14	2	13	2
HC22-RM005	HC22-0906	117.0	118.5	940	238	306	702	124	301	40	197	40	133	11	32	4	25	5	12	2	12	2
HC22-RM005	HC22-0907	118.5	120.0	887	217	287	670	121	290	38	185	36	119	11	29	4	24	4	11	2	11	2
HC22-RM005	HC22-0908	120.0	121.5	862	223	279	639	109	278	37	179	36	125	10	30	4	23	4	11	2	12	2
HC22-RM005	HC22-0910	121.5	123.0	984	258	312	726	128	318	42	199	39	147	10	34	5	27	5	13	2	13	2
HC22-RM005	HC22-0911	123.0	124.5	1001	242	312	759	144	334	41	201	39	139	9	33	5	26	4	12	2	11	1
HC22-RM005	HC22-0912	124.5	126.0	961	221	286	740	146	335	42	184	33	127	8	30	4	23	4	11	2	10	2
HC22-RM005	HC22-0913	126.0	127.5	948	279	283	669	124	297	38	174	36	166	6	33	5	30	6	15	2	14	2
HC22-RM005	HC22-0914	127.5	129.0	858	220	262	638	118	285	36	166	33	127	8	28	4	23	4	11	2	11	2
HC22-RM005	HC22-0915	129.0	130.5	843	226	256	617	115	274	35	162	31	131	7	28	4	24	4	12	2	12	2
HC22-RM005	HC22-0916	130.5	132.0	628	173	189	455	85	202	26	118	24	102	6	21	3	18	3	9	1	9	1
HC22-RM005	HC22-0917	132.0	133.5	422	116	116	306	65	139	16	73	13	69	4	12	2	12	2	7	1	6	1
HC22-RM005	HC22-0918	133.5	135.0	875	234	260	641	124	286	35	162	34	140	7	28	4	25	4	11	2	11	2

HC22-RM005	HC22-0919	135.0	136.5	683	194	198	489	98	217	28	122	24	115	5	23	3	21	4	11	1	10	1
HC22-RM005	HC22-0920	136.5	138.0	429	92	116	337	77	156	19	72	13	52	3	11	2	10	2	5	1	5	1
HC22-RM005	HC22-0921	138.0	139.5	554	148	160	406	84	180	23	99	20	88	5	17	2	16	3	8	1	7	1
HC22-RM005	HC22-0922	139.5	141.0	752	184	222	568	115	253	33	140	27	109	6	22	3	19	3	11	1	9	1
HC22-RM005	HC22-0923	141.0	142.5	834	216	247	618	123	273	35	157	30	127	7	26	3	22	4	12	2	11	2
HC22-RM005	HC22-0924	142.5	144.0	616	160	171	456	98	206	26	106	20	96	5	18	2	17	3	9	1	8	1
HC22-RM005	HC22-0925	144.0	145.5	694	177	199	517	107	232	29	123	26	107	5	20	3	18	3	10	1	9	1
HC22-RM005	HC22-0926	145.5	147.0	697	137	194	560	124	259	31	124	22	80	5	17	2	15	2	8	1	6	1
HC22-RM005	HC22-0927	147.0	148.5	861	273	238	588	119	262	34	143	30	172	5	28	4	27	5	15	2	13	2
HC22-RM005	HC22-0928	148.5	150.0	835	240	241	595	118	264	34	149	30	146	6	26	4	24	4	14	2	12	2
HC22-RM006	HC22-0929	0.0	1.5	501	100	139	401	86	188	22	89	16	56	4	13	2	10	2	6	1	5	1
HC22-RM006	HC22-0931	1.5	3.0	524	107	147	417	89	195	23	93	17	61	3	14	2	12	2	6	1	5	1
HC22-RM006	HC22-0932	3.0	4.5	1008	153	290	855	189	396	46	192	32	83	5	25	3	17	3	8	1	7	1
HC22-RM006	HC22-0933	4.5	6.0	1619	201	463	1418	321	661	78	309	49	107	7	34	4	23	4	11	1	9	1
HC22-RM006	HC22-0934	6.0	7.5	1061	140	300	921	213	427	51	199	31	73	6	23	3	16	3	8	1	6	1
HC22-RM006	HC22-0935	7.5	9.0	1166	160	332	1006	229	466	56	220	35	86	6	26	3	18	3	9	1	7	1
HC22-RM006	HC22-0936	9.0	10.5	892	151	252	741	168	340	41	165	27	86	5	21	3	16	3	8	1	7	1
HC22-RM006	HC22-0937	10.5	12.0	951	162	274	789	179	356	44	179	31	92	5	23	3	17	3	9	1	8	1
HC22-RM006	HC22-0938	12.0	13.5	1153	212	328	941	210	430	51	213	37	120	6	30	4	23	4	12	2	10	1
HC22-RM006	HC22-0939	13.5	15.0	400	97	120	303	66	129	17	75	16	55	4	14	2	10	2	5	1	4	
HC22-RM006	HC22-0940	15.0	16.5	773	129	242	644	130	289	37	157	31	70	4	23	3	14	2	6	1	5	1
HC22-RM006	HC22-0941	16.5	18.0	695	105	194	590	135	274	33	127	21	58	5	15	2	11	2	5	1	5	1
HC22-RM006	HC22-0942	18.0	19.5	711	118	187	593	140	280	32	122	19	67	4	16	2	12	2	7	1	6	1
HC22-RM006	HC22-0943	19.5	21.0	881	148	246	733	166	340	41	159	27	83	5	21	3	16	3	8	1	7	1
HC22-RM006	HC22-0944	21.0	22.5	744	147	210	597	134	271	33	135	24	83	6	20	3	15	3	8	1	7	1
HC22-RM006	HC22-0945	22.5	24.0	610	150	174	460	98	206	26	108	22	88	6	18	2	16	3	8	1	7	1
HC22-RM006	HC22-0946	24.0	25.5	787	151	223	636	140	292	35	143	26	86	5	21	3	16	3	8	1	7	1
HC22-RM006	HC22-0947	25.5	27.0	780	184	221	596	129	269	33	138	27	108	6	24	3	20	3	10	1	8	1
HC22-RM006	HC22-0948	27.0	28.5	859	162	242	697	158	319	38	154	28	90	7	22	3	19	3	9	1	7	1
HC22-RM006	HC22-0950	28.5	30.0	521	126	146	395	85	179	22	92	17	74	4	16	2	13	2	7	1	6	1
HC22-RM006	HC22-0951	30.0	31.5	780	177	219	603	131	274	34	137	27	106	4	23	3	18	3	10	1	8	1
HC22-RM006	HC22-0952	31.5	33.0	739	182	218	557	113	248	32	138	26	106	6	25	3	19	3	10	1	8	1
HC22-RM006	HC22-0953	33.0	34.5	445	112	126	333	71	149	19	78	16	67	4	13	2	11	2	6	1	5	1
HC22-RM006	HC22-0954	34.5	36.0	685	117	179	568	138	265	30	116	19	69	3	15	2	12	2	6	1	6	1
HC22-RM006	HC22-0955	36.0	37.5	909	179	232	730	167	353	40	144	26	108	3	22	3	19	4	10	1	8	1
HC22-RM006	HC22-0956	37.5	39.0	319	62	84	257	58	123	14	53	9	37	2	8	1	7	1	3		3	
HC22-RM006	HC22-0957	39.0	40.5	1893	406	523	1487	304	715	84	321	63	234	8	55	9	46	9	22	3	17	3
HC22-RM006	HC22-0958	40.5	42.0	1425	343	398	1082	216	513	61	244	48	203	5	44	7	38	7	19	3	15	2
HC22-RM006	HC22-0959	42.0	43.5	1952	369	523	1583	340	770	86	327	60	211	5	53	8	42	8	21	3	16	2
HC22-RM006	HC22-0960	43.5	45.0	3832	539	995	3293	769	1603	178	640	103	305	8	81	12	62	12	29	4	23	3
HC22-RM006	HC22-0961	45.0	46.5	2223	321	594	1902	416	935	104	383	64	180	5	50	7	36	7	18	2	14	2
HC22-RM006	HC22-0962	46.5	48.0	980	145	263	835	189	402	46	170	28	79	5	22	3	16	3	8	1	7	1
HC22-RM006	HC22-0963	48.0	49.5	1096	157	294	939	212	453	51	192	31	87	5	24	3	17	3	9	1	7	1
HC22-RM006	HC22-0964	49.5	51.0	971	138	259	833	191	402	45	167	28	74	6	21	3	16	3	7	1	6	1
HC22-RM006	HC22-0965	51.0	52.5	905	121	242	784	178	380	43	158	25	64	5	19	3	13	2	7	1	6	1
HC22-RM006	HC22-0966	52.5	54.0	965	125	258	840	193	405	46	169	27	66	6	20	3	13	3	6	1	6	1

HC22-RM006	HC22-0967	54.0	55.5	1011	162	270	849	192	408	47	172	30	90	6	24	3	18	3	9	1	7	1
HC22-RM006	HC22-0968	55.5	57.0	918	124	244	794	182	384	43	159	26	67	6	20	3	13	2	6	1	5	1
HC22-RM006	HC22-0970	57.0	58.5	955	130	256	825	188	398	45	166	28	69	6	20	3	14	3	7	1	6	1
HC22-RM006	HC22-0971	58.5	60.0	1007	134	272	873	198	420	48	178	29	71	6	21	3	14	3	7	1	7	1
HC22-RM006	HC22-0972	60.0	61.5	1002	135	273	867	194	418	47	179	29	72	5	22	3	15	3	7	1	6	1
HC22-RM006	HC22-0973	61.5	63.0	1005	127	272	878	199	424	48	179	28	66	5	21	3	14	3	7	1	6	1
HC22-RM006	HC22-0974	63.0	64.5	997	131	272	866	194	418	48	178	28	68	6	21	3	15	3	7	1	6	1
HC22-RM006	HC22-0975	64.5	66.0	951	127	258	824	186	397	45	170	26	67	5	20	3	14	3	7	1	6	1
HC22-RM006	HC22-0976	66.0	67.5	789	106	214	683	155	328	38	139	23	55	5	17	2	12	2	6	1	5	1
HC22-RM006	HC22-0977	67.5	69.0	927	128	254	799	178	384	44	166	27	67	6	20	3	14	3	7	1	6	1
HC22-RM006	HC22-0978	69.0	70.5	865	124	235	741	165	357	41	153	25	65	5	20	3	13	3	7	1	6	1
HC22-RM006	HC22-0979	70.5	72.0	832	129	230	703	155	335	39	148	26	69	5	19	3	14	3	7	1	7	1
HC22-RM006	HC22-0980	72.0	73.5	837	146	228	691	153	329	38	145	26	80	6	21	3	16	3	8	1	7	1
HC22-RM006	HC22-0981	73.5	75.0	952	174	258	778	172	371	43	163	29	98	5	24	4	19	4	10	1	8	1
HC22-RM006	HC22-0982	75.0	76.5	840	150	229	690	152	328	38	146	26	84	6	21	3	16	3	8	1	7	1
HC22-RM006	HC22-0983	76.5	78.0	746	125	205	621	138	295	35	130	23	66	6	18	3	14	3	7	1	6	1
HC22-RM006	HC22-0984	78.0	79.5	705	112	190	593	133	284	33	123	20	61	5	16	2	12	2	6	1	6	1
HC22-RM006	HC22-0985	79.5	81.0	697	120	187	577	129	276	32	120	20	67	5	16	2	13	2	7	1	6	1
HC22-RM006	HC22-0986	81.0	82.5	908	137	245	771	174	370	43	158	26	75	6	20	3	15	3	7	1	6	1
HC22-RM006	HC22-0987	82.5	84.0	703	122	191	581	129	276	32	123	21	67	5	17	2	13	3	7	1	6	1
HC22-RM006	HC22-0988	84.0	85.5	695	188	188	507	107	236	29	112	23	110	6	23	4	20	4	11	1	8	1
HC22-RM006	HC22-0989	85.5	87.0	1102	201	307	901	212	409	52	195	33	114	6	27	4	23	4	11	1	10	1
HC22-RM006	HC22-0991	87.0	88.5	2198	319	601	1879	456	865	107	386	65	178	7	48	6	37	6	18	2	15	2
HC22-RM006	HC22-0992	88.5	90.0	3308	344	864	2964	686	1462	160	570	86	184	7	60	7	41	6	19	2	16	2
HC22-RM006	HC22-0993	90.0	91.5	3174	408	863	2766	619	1339	152	563	93	221	10	66	8	47	8	23	3	19	3
HC22-RM006	HC22-0994	91.5	93.0	1704	266	491	1438	331	651	84	318	54	147	7	40	5	30	5	15	2	13	2
HC22-RM006	HC22-0995	93.0	94.5	2714	382	759	2332	507	1117	130	495	83	204	12	62	8	43	7	21	3	19	3
HC22-RM006	HC22-0996	94.5	96.0	2744	411	776	2333	505	1108	131	503	86	224	11	63	8	48	8	23	3	20	3
HC22-RM006	HC22-0997	96.0	97.5	2894	420	821	2474	527	1182	137	534	94	227	12	68	8	48	8	22	3	21	3
HC22-RM006	HC22-0998	97.5	99.0	2034	298	601	1736	395	780	101	393	67	161	9	47	6	34	6	16	2	15	2
HC22-RM006	HC22-0999	99.0	100.5	2177	336	633	1841	420	834	106	409	72	181	10	53	7	39	7	19	2	16	2
HC22-RM006	HC22-1000	100.5	102.0	3507	444	968	3063	690	1468	169	633	103	236	11	75	9	54	8	24	3	21	3
HC22-RM006	HC22-1001	102.0	103.5	1360	202	383	1158	273	528	67	250	40	112	6	32	4	22	4	11	1	9	1
HC22-RM006	HC22-1002	103.5	105.0	929	142	257	787	188	360	45	166	28	78	6	20	3	15	3	8	1	7	1
HC22-RM006	HC22-1003	105.0	106.5	873	163	250	710	163	318	42	160	27	92	6	22	3	18	3	9	1	8	1
HC22-RM006	HC22-1004	106.5	108.0	808	164	231	644	147	287	39	145	26	94	5	22	3	18	3	9	1	8	1
HC22-RM006	HC22-1005	108.0	109.5	317	62	90	255	56	116	15	58	10	39	1	7	1	6	1	3		4	
HC22-RM006	HC22-1006	109.5	111.0	288	42	83	246	58	111	14	53	10	23	2	6	1	5	1	2		2	
HC22-RM006	HC22-1007	111.0	112.5	788	180	245	608	122	263	37	156	30	98	9	25	3	19	3	10	1	10	2
HC22-RM006	HC22-1008	112.5	114.0	790	217	260	573	102	238	37	163	33	117	11	29	4	23	4	13	2	12	2
HC22-RM006	HC22-1010	114.0	115.5	815	226	275	589	103	239	38	173	36	122	12	30	4	24	4	13	2	13	2
HC22-RM006	HC22-1011	115.5	117.0	840	208	257	632	125	274	39	161	33	118	9	27	3	21	4	12	1	11	2
HC22-RM006	HC22-1012	117.0	118.5	964	183	262	781	186	355	45	167	28	107	7	23	3	19	3	10	1	9	1
HC22-RM006	HC22-1013	118.5	120.0	971	197	269	774	182	348	45	167	32	112	7	25	4	21	4	12	1	10	1
HC22-RM006	HC22-1014	120.0	121.5	825	218	268	607	113	253	39	167	35	119	11	29	4	23	4	13	2	11	2
HC22-RM006	HC22-1015	121.5	123.0	879	241	295	638	110	263	41	185	39	131	13	32	4	26	4	14	2	13	2

HC22-RM006	HC22-1016	123.0	124.5	761	210	252	551	98	227	36	157	33	114	11	27	4	22	4	12	2	12	2
HC22-RM006	HC22-1017	124.5	126.0	781	216	265	565	96	231	37	164	37	116	12	29	4	23	4	12	2	12	2
HC22-RM006	HC22-1018	126.0	127.5	895	219	284	676	131	289	41	178	37	118	10	30	4	24	4	13	2	12	2
HC22-RM006	HC22-1019	127.5	129.0	1703	242	519	1461	317	655	87	345	57	128	10	39	5	25	4	14	2	13	2
HC22-RM006	HC22-1020	129.0	130.5	1148	296	361	852	165	362	52	227	46	170	10	38	5	31	5	17	2	16	2
HC22-RM006	HC22-1021	130.5	132.0	896	282	280	614	111	258	39	170	36	159	9	35	5	30	6	17	2	16	3
HC22-RM006	HC22-1022	132.0	133.5	758	205	234	553	109	234	34	145	31	115	10	26	3	21	4	12	1	11	2
HC22-RM006	HC22-1023	133.5	135.0	913	206	261	707	157	314	41	165	30	120	6	26	3	22	4	11	1	11	2
HC22-RM006	HC22-1024	135.0	136.5	1032	271	306	761	157	330	46	191	37	159	8	34	4	28	5	15	2	14	2
HC22-RM006	HC22-1025	136.5	138.0	1032	252	308	780	151	354	45	190	40	142	8	34	5	28	5	14	2	12	2
HC22-RM006	HC22-1026	138.0	139.5	1102	322	321	780	144	355	46	192	43	192	7	38	6	34	6	19	2	16	2
HC22-RM006	HC22-1027	139.5	141.0	1060	267	307	793	154	365	46	190	38	157	8	33	5	28	5	14	2	13	2
HC22-RM006	HC22-1028	141.0	142.5	1011	261	296	750	143	344	43	183	37	150	7	34	5	28	5	15	2	13	2
HC22-RM006	HC22-1030	142.5	144.0	1426	300	399	1126	238	527	64	250	47	172	8	40	5	33	6	17	2	15	2
HC22-RM006	HC22-1031	144.0	145.5	1344	297	381	1047	215	488	59	238	47	173	8	38	5	32	6	17	2	14	2
HC22-RM006	HC22-1032	145.5	147.0	1067	302	305	765	147	350	45	184	39	181	6	35	5	32	6	18	2	15	2
HC22-RM006	HC22-1033	147.0	148.5	1152	332	332	820	154	375	49	199	43	196	7	39	6	35	6	21	3	17	2
HC22-RM006	HC22-1034	148.5	150.0	626	175	174	451	90	208	26	106	21	105	5	20	3	18	3	10	1	9	1
HC22-RM007	HC22-1035	0.0	1.5	3275	387	885	2888	619	1443	151	579	96	194	10	75	9	50	8	21	2	16	2
HC22-RM007	HC22-1036	1.5	3.0	4266	485	1145	3781	815	1892	199	748	127	248	13	93	11	60	10	25	3	19	3
HC22-RM007	HC22-1037	3.0	4.5	3917	461	1056	3456	741	1726	182	689	118	233	13	90	11	56	10	24	3	18	3
HC22-RM007	HC22-1038	4.5	6.0	3816	482	1040	3334	690	1677	174	675	118	243	13	92	12	61	10	26	3	19	3
HC22-RM007	HC22-1039	6.0	7.5	3750	473	1022	3277	715	1603	175	671	113	257	13	84	10	53	9	25	3	17	2
HC22-RM007	HC22-1040	7.5	9.0	3516	373	929	3143	665	1603	164	612	99	190	12	71	9	45	8	20	2	14	2
HC22-RM007	HC22-1041	9.0	10.5	3694	425	985	3269	700	1646	170	644	109	217	14	81	10	52	9	22	2	16	2
HC22-RM007	HC22-1042	10.5	12.0	3400	383	905	3017	640	1529	156	591	101	196	11	73	9	48	8	20	2	14	2
HC22-RM007	HC22-1043	12.0	13.5	3952	417	1052	3535	751	1793	184	694	113	213	13	80	10	51	8	22	2	16	2
HC22-RM007	HC22-1044	13.5	15.0	4839	539	1298	4300	926	2156	224	847	147	276	14	104	13	67	11	28	3	20	3
HC22-RM007	HC22-1045	15.0	16.5	4071	423	1081	3648	775	1855	186	713	119	215	13	82	10	53	9	22	2	15	2
HC22-RM007	HC22-1046	16.5	18.0	3229	377	857	2852	613	1437	149	559	94	194	12	70	9	46	8	20	2	14	2
HC22-RM007	HC22-1047	18.0	19.5	6666	785	1801	5881	1261	2936	308	1172	204	406	15	150	19	98	16	42	5	30	4
HC22-RM007	HC22-1048	19.5	21.0	6423	720	1717	5703	1220	2874	300	1122	187	366	15	142	17	91	15	39	4	27	4
HC22-RM007	HC22-1049	21.0	22.5	4236	494	1128	3742	794	1892	195	736	125	258	13	91	11	61	10	26	3	18	3
HC22-RM007	HC22-1051	22.5	24.0	4969	606	1337	4363	923	2193	229	865	153	314	14	113	14	76	12	32	4	24	3
HC22-RM007	HC22-1052	24.0	25.5	4220	522	1137	3698	782	1855	195	735	131	268	14	98	12	64	11	29	3	20	3
HC22-RM007	HC22-1053	25.5	27.0	4039	450	1074	3589	769	1812	187	704	117	230	14	86	11	55	9	23	3	17	2
HC22-RM007	HC22-1054	27.0	28.5	4042	428	1087	3614	778	1812	189	714	121	215	13	85	10	53	9	22	3	16	2
HC22-RM007	HC22-1055	28.5	30.0	3662	373	984	3289	702	1658	172	650	107	187	13	74	9	46	7	19	2	14	2
HC22-RM007	HC22-1056	30.0	31.5	4050	434	1071	3616	774	1836	189	702	115	218	13	84	10	55	9	23	3	17	2
HC22-RM007	HC22-1057	31.5	33.0	3758	388	989	3370	713	1726	173	650	108	197	12	75	9	49	8	20	2	14	2
HC22-RM007	HC22-1058	33.0	34.5	4000	426	1054	3574	766	1818	184	689	117	216	13	81	10	54	9	22	3	16	2
HC22-RM007	HC22-1059	34.5	36.0	4012	415	1054	3597	769	1836	184	693	115	209	13	81	10	52	8	22	2	16	2
HC22-RM007	HC22-1060	36.0	37.5	4107	423	1097	3684	782	1867	190	724	121	214	12	83	10	52	9	22	3	16	2
HC22-RM007	HC22-1061	37.5	39.0	3429	378	929	3051	692	1486	162	604	107	194	13	68	9	47	8	19	3	15	2
HC22-RM007	HC22-1062	39.0	40.5	4145	406	1119	3739	844	1836	199	734	126	206	14	78	10	50	8	20	3	15	2
HC22-RM007	HC22-1063	40.5	42.0	4542	444	1240	4098	935	1990	220	813	140	227	13	83	11	56	9	22	3	17	3

HC22-RM007	HC22-1064	42.0	43.5	3636	381	988	3255	732	1591	173	647	112	194	12	71	9	47	8	20	3	15	2
HC22-RM007	HC22-1065	43.5	45.0	3648	369	985	3279	745	1603	174	645	112	189	12	68	9	45	8	19	2	15	2
HC22-RM007	HC22-1066	45.0	46.5	3044	351	809	2693	602	1333	137	530	91	179	12	65	9	42	8	19	2	13	2
HC22-RM007	HC22-1067	46.5	48.0	3754	375	989	3379	755	1689	171	656	108	189	13	74	9	45	8	19	2	14	2
HC22-RM007	HC22-1068	48.0	49.5	4350	452	1180	3898	878	1904	209	787	120	232	14	89	11	53	9	22	3	16	3
HC22-RM007	HC22-1070	49.5	51.0	3710	417	1028	3293	727	1597	181	678	110	216	13	79	10	49	9	21	3	15	2
HC22-RM007	HC22-1071	51.0	52.5	3831	430	1046	3401	759	1658	184	688	112	221	14	82	11	51	9	21	3	16	2
HC22-RM007	HC22-1072	52.5	54.0	3642	408	1004	3234	717	1572	175	665	105	208	13	79	10	49	9	20	3	15	2
HC22-RM007	HC22-1073	54.0	55.5	4445	468	1208	3977	902	1935	214	799	127	239	14	91	12	56	10	23	3	17	3
HC22-RM007	HC22-1074	55.5	57.0	4446	496	1219	3950	897	1904	213	804	132	258	14	96	12	58	10	24	3	18	3
HC22-RM007	HC22-1075	57.0	58.5	4083	464	1111	3619	826	1750	195	731	117	237	14	89	12	56	10	23	3	17	3
HC22-RM007	HC22-1076	58.5	60.0	3615	392	989	3223	713	1578	177	652	103	203	13	74	10	47	8	19	2	14	2
HC22-RM007	HC22-1077	60.0	61.5	4093	447	1111	3646	830	1769	196	735	116	230	13	87	11	53	9	22	3	16	3
HC22-RM007	HC22-1078	61.5	63.0	3320	411	908	2909	634	1425	157	594	99	216	13	74	10	48	9	20	3	15	3
HC22-RM007	HC22-1079	63.0	64.5	3527	420	970	3107	686	1511	169	635	106	218	13	79	10	50	9	21	3	15	2
HC22-RM007	HC22-1080	64.5	66.0	3342	403	920	2939	646	1431	159	604	99	210	12	74	10	48	9	21	2	15	2
HC22-RM007	HC22-1081	66.0	67.5	3795	431	1033	3364	752	1640	182	679	111	224	14	81	11	50	9	21	3	16	2
HC22-RM007	HC22-1082	67.5	69.0	4295	482	1165	3813	874	1843	206	764	126	250	15	91	12	57	10	24	3	17	3
HC22-RM007	HC22-1083	69.0	70.5	4189	456	1143	3733	850	1806	201	756	120	232	15	89	12	54	10	23	3	16	2
HC22-RM007	HC22-1084	70.5	72.0	4162	468	1139	3694	830	1793	200	752	119	239	14	91	12	56	10	23	3	17	3
HC22-RM007	HC22-1085	72.0	73.5	4540	493	1239	4047	919	1959	219	820	130	257	14	95	12	58	10	24	3	17	3
HC22-RM007	HC22-1086	73.5	75.0	4394	444	1189	3950	903	1922	210	790	125	228	14	87	11	53	9	22	3	15	2
HC22-RM007	HC22-1087	75.0	76.5	2344	269	636	2075	457	1020	112	418	68	141	8	49	6	32	6	13	2	10	2
HC22-RM007	HC22-1088	76.5	78.0	3868	457	1060	3411	752	1664	185	698	112	239	13	85	11	54	10	23	3	16	3
HC22-RM007	HC22-1090	78.0	79.5	3765	433	1035	3332	724	1634	181	682	111	226	13	81	10	51	9	21	3	16	3
HC22-RM007	HC22-1091	79.5	81.0	3699	433	1020	3266	711	1597	178	670	110	225	14	80	11	51	9	22	3	16	2
HC22-RM007	HC22-1092	81.0	82.5	3737	417	1018	3320	732	1628	181	673	106	218	14	79	10	48	9	20	2	15	2
HC22-RM007	HC22-1093	82.5	84.0	3858	419	1066	3439	756	1677	187	702	117	214	14	82	10	50	9	21	2	15	2
HC22-RM007	HC22-1094	84.0	85.5	4137	436	1142	3701	809	1812	201	758	121	227	13	83	11	51	9	21	3	15	3
HC22-RM007	HC22-1095	85.5	87.0	4205	454	1150	3751	835	1830	203	760	123	233	14	88	11	53	10	23	3	16	3
HC22-RM007	HC22-1096	87.0	88.5	3650	414	1003	3236	706	1585	176	661	108	213	14	79	10	48	9	21	3	15	2
HC22-RM007	HC22-1097	88.5	90.0	4062	446	1119	3616	797	1763	196	739	121	230	14	85	11	52	9	22	3	17	3
HC22-RM007	HC22-1098	90.0	91.5	2238	273	620	1965	432	952	108	406	67	142	8	49	7	32	6	14	2	11	2
HC22-RM007	HC22-1099	91.5	93.0	3984	459	1099	3525	771	1720	193	723	118	237	14	87	11	54	10	23	3	17	3
HC22-RM007	HC22-1100	93.0	94.5	3797	447	1054	3350	731	1628	183	694	114	232	14	83	11	52	9	23	3	17	3
HC22-RM007	HC22-1101	94.5	96.0	3979	450	1103	3529	771	1720	193	730	115	232	14	84	11	54	10	22	3	17	3
HC22-RM007	HC22-1102	96.0	97.5	4185	473	1142	3712	833	1806	200	750	123	243	14	89	12	57	10	24	3	18	3
HC22-RM007	HC22-1103	97.5	99.0	3511	432	970	3079	672	1499	167	637	104	227	13	77	10	52	9	22	3	16	3
HC22-RM007	HC22-1104	99.0	100.5	3599	449	1001	3150	688	1529	173	654	106	226	14	84	11	57	10	24	3	17	3
HC22-RM007	HC22-1105	100.5	102.0	3332	412	924	2920	638	1419	161	603	99	206	14	78	10	51	9	22	3	16	3
HC22-RM007	HC22-1106	102.0	103.5	3640	452	1017	3188	699	1542	174	661	112	225	14	86	12	58	10	24	3	17	3
HC22-RM007	HC22-1107	103.5	105.0	4005	464	1111	3541	794	1707	193	728	119	230	15	89	12	59	10	25	3	18	3
HC22-RM007	HC22-1108	105.0	106.5	3907	419	1070	3488	793	1689	188	704	114	205	14	84	11	53	9	22	3	16	2
HC22-RM007	HC22-1109	106.5	108.0	4246	446	1176	3800	856	1836	207	779	122	218	15	90	12	56	9	23	3	17	3
HC22-RM007	HC22-1111	108.0	109.5	4462	468	1221	3994	903	1941	216	806	128	229	15	96	12	59	10	24	3	17	3
HC22-RM007	HC22-1112	109.5	111.0	4381	467	1218	3914	881	1886	213	802	132	231	15	93	12	59	10	24	3	17	3

HC22-RM007	HC22-1113	111.0	112.5	3984	431	1096	3553	802	1720	193	722	116	214	14	85	11	54	9	22	3	16	3
HC22-RM007	HC22-1114	112.5	114.0	3369	417	944	2952	646	1425	163	614	104	209	14	79	11	52	9	22	3	16	2
HC22-RM007	HC22-1115	114.0	115.5	3852	439	1064	3413	769	1646	186	699	113	220	14	84	11	55	9	23	3	17	3
HC22-RM007	HC22-1116	115.5	117.0	4405	485	1227	3920	881	1886	215	808	130	241	15	95	13	61	10	26	3	18	3
HC22-RM007	HC22-1117	117.0	118.5	4035	450	1122	3585	806	1726	196	738	119	222	14	88	12	57	10	24	3	17	3
HC22-RM007	HC22-1118	118.5	120.0	4262	471	1190	3791	855	1818	208	783	127	233	14	93	12	60	10	25	3	18	3
HC22-RM007	HC22-1119	120.0	121.5	4067	445	1126	3622	820	1744	198	739	121	220	14	88	12	56	9	23	3	17	3
HC22-RM007	HC22-1120	121.5	123.0	3784	429	1051	3355	742	1628	183	687	115	212	14	83	11	55	9	23	3	16	3
HC22-RM007	HC22-1121	123.0	124.5	3821	419	1066	3402	766	1634	188	699	115	206	14	83	11	53	9	22	3	16	2
HC22-RM007	HC22-1122	124.5	126.0	4294	470	1198	3824	854	1843	210	790	127	234	15	92	12	59	10	24	3	18	3
HC22-RM007	HC22-1123	126.0	127.5	4133	473	1149	3660	821	1763	199	752	125	232	15	93	13	60	10	25	3	19	3
HC22-RM007	HC22-1124	127.5	129.0	3534	442	991	3092	668	1499	170	646	109	222	14	84	11	55	9	24	3	17	3
HC22-RM007	HC22-1125	129.0	130.5	4300	467	1184	3833	854	1867	208	778	126	228	15	93	12	60	10	25	3	18	3
HC22-RM007	HC22-1126	130.5	132.0	4071	462	1126	3609	809	1744	196	741	119	229	15	90	12	58	10	24	3	18	3
HC22-RM007	HC22-1127	132.0	133.5	3622	442	1018	3180	681	1548	175	664	112	220	14	85	11	56	10	23	3	17	3
HC22-RM007	HC22-1128	133.5	135.0	4234	480	1179	3754	837	1812	204	773	128	240	15	92	12	62	10	25	3	18	3
HC22-RM007	HC22-1130	135.0	136.5	4139	471	1150	3668	820	1769	198	756	125	237	14	90	12	59	10	25	3	18	3
HC22-RM007	HC22-1131	136.5	138.0	3761	430	1023	3331	759	1615	178	671	108	213	14	82	11	55	9	23	3	17	3
HC22-RM007	HC22-1132	138.0	139.5	3650	424	1024	3226	701	1566	176	672	111	211	14	81	11	54	9	22	3	17	2
HC22-RM007	HC22-1133	139.5	141.0	4246	457	1176	3789	853	1830	208	772	126	225	15	90	12	58	10	24	3	17	3
HC22-RM007	HC22-1134	141.0	142.5	4184	458	1170	3726	821	1806	202	769	128	225	15	90	12	59	10	24	3	17	3
HC22-RM007	HC22-1135	142.5	144.0	4428	464	1226	3964	888	1922	216	807	131	227	15	93	12	60	10	24	3	17	3
HC22-RM007	HC22-1136	144.0	145.5	4023	427	1127	3596	789	1744	197	743	123	211	15	84	11	53	9	22	3	16	3
HC22-RM007	HC22-1137	145.5	147.0	3896	425	1093	3471	766	1677	191	720	117	212	14	81	11	54	9	22	3	16	3
HC22-RM007	HC22-1138	147.0	148.5	3848	421	1074	3427	760	1658	190	703	116	207	14	83	11	54	9	22	3	16	2
HC22-RM007	HC22-1139	148.5	150.0	4206	467	1181	3739	816	1812	206	779	126	232	15	91	12	58	10	25	3	18	3
HC22-RM008	HC22-1140	0.0	1.5	1234	248	358	986	203	457	55	229	42	137	9	37	5	27	5	13	2	11	2
HC22-RM008	HC22-1141	1.5	3.0	1283	284	391	999	195	452	57	247	48	157	9	41	6	33	6	15	2	13	2
HC22-RM008	HC22-1142	3.0	4.5	1196	266	361	930	180	424	54	230	42	147	9	39	5	30	6	14	2	12	2
HC22-RM008	HC22-1143	4.5	6.0	1135	266	352	869	159	392	52	224	42	149	10	38	5	29	5	14	2	12	2
HC22-RM008	HC22-1144	6.0	7.5	1112	236	332	876	174	402	50	211	39	129	9	34	5	27	5	13	2	10	2
HC22-RM008	HC22-1145	7.5	9.0	1135	242	343	893	175	407	51	220	40	133	10	34	5	27	5	13	2	11	2
HC22-RM008	HC22-1146	9.0	10.5	1126	236	333	890	178	410	51	212	39	130	9	35	5	26	5	12	2	10	2
HC22-RM008	HC22-1147	10.5	12.0	1087	230	331	857	165	391	51	209	41	126	10	33	5	25	5	12	2	10	2
HC22-RM008	HC22-1148	12.0	13.5	1126	238	340	888	177	402	51	217	41	130	10	35	5	26	5	12	2	11	2
HC22-RM008	HC22-1150	13.5	15.0	1096	244	341	852	161	382	50	218	41	135	10	34	5	27	5	13	2	11	2
HC22-RM008	HC22-1151	15.0	16.5	1103	238	339	865	167	391	50	215	42	131	10	34	5	27	5	12	2	10	2
HC22-RM008	HC22-1152	16.5	18.0	1146	238	347	908	179	413	52	223	41	131	9	34	5	26	5	13	2	11	2
HC22-RM008	HC22-1153	18.0	19.5	1161	241	352	920	181	418	53	226	42	132	10	36	5	26	5	12	2	11	2
HC22-RM008	HC22-1154	19.5	21.0	1144	229	344	915	184	418	52	222	39	124	9	34	5	26	5	12	2	10	2
HC22-RM008	HC22-1155	21.0	22.5	1183	238	350	945	192	435	54	223	41	130	9	34	5	27	5	13	2	11	2
HC22-RM008	HC22-1156	22.5	24.0	1132	245	344	887	172	404	51	220	40	136	9	35	5	28	5	12	2	11	2
HC22-RM008	HC22-1157	24.0	25.5	1253	248	371	1005	204	462	57	238	44	137	10	36	5	27	5	13	2	11	2
HC22-RM008	HC22-1158	25.5	27.0	1170	233	343	937	194	431	53	219	40	126	9	34	5	26	5	13	2	11	2
HC22-RM008	HC22-1159	27.0	28.5	1154	231	341	923	187	425	53	217	41	128	9	32	5	25	5	12	2	11	2
HC22-RM008	HC22-1160	28.5	30.0	1160	236	340	924	190	425	52	218	39	131	9	33	5	26	5	12	2	11	2

HC22-RM008	HC22-1161	30.0	31.5	1284	255	381	1029	208	473	58	247	43	142	10	35	5	28	5	14	2	12	2
HC22-RM008	HC22-1162	31.5	33.0	1250	250	368	1000	203	461	56	238	42	141	9	35	5	27	5	13	2	11	2
HC22-RM008	HC22-1163	33.0	34.5	1155	229	348	926	185	424	54	222	41	126	9	32	5	26	5	12	2	10	2
HC22-RM008	HC22-1164	34.5	36.0	1178	228	349	950	195	436	53	224	42	125	10	33	5	25	5	12	2	9	2
HC22-RM008	HC22-1165	36.0	37.5	888	220	288	668	117	292	40	182	37	122	10	31	5	24	5	11	2	9	1
HC22-RM008	HC22-1166	37.5	39.0	722	119	195	603	138	284	32	128	21	62	11	17	2	12	2	6	1	5	1
HC22-RM008	HC22-1167	39.0	40.5	1057	184	307	873	187	403	49	199	35	98	11	27	4	20	4	10	1	8	1
HC22-RM008	HC22-1168	40.5	42.0	1513	312	491	1201	219	533	70	318	61	172	10	48	7	35	7	16	2	13	2
HC22-RM008	HC22-1169	42.0	43.5	1453	297	466	1156	215	516	69	299	57	161	9	47	6	35	6	16	2	13	2
HC22-RM008	HC22-1171	43.5	45.0	1384	266	424	1118	217	512	64	275	50	149	8	39	5	30	5	14	2	12	2
HC22-RM008	HC22-1172	45.0	46.5	1434	280	447	1154	223	521	67	289	54	156	9	42	6	31	6	14	2	12	2
HC22-RM008	HC22-1173	46.5	48.0	1337	262	416	1075	205	490	63	267	50	142	10	40	6	30	5	14	2	11	2
HC22-RM008	HC22-1174	48.0	49.5	1314	252	400	1062	212	483	60	260	47	140	9	37	5	28	5	13	2	11	2
HC22-RM008	HC22-1175	49.5	51.0	1663	342	536	1321	237	593	78	348	65	189	10	53	7	38	7	18	2	15	3
HC22-RM008	HC22-1176	51.0	52.5	1410	293	444	1117	209	502	67	283	56	161	9	45	6	32	6	16	2	14	2
HC22-RM008	HC22-1177	52.5	54.0	1229	270	384	959	177	434	57	243	48	148	10	40	6	30	5	15	2	12	2
HC22-RM008	HC22-1178	54.0	55.5	1202	265	368	937	176	426	56	233	46	150	9	37	5	28	6	14	2	12	2
HC22-RM008	HC22-1179	55.5	57.0	1199	255	370	944	180	427	57	234	46	143	9	37	5	28	5	13	2	11	2
HC22-RM008	HC22-1180	57.0	58.5	1160	232	348	928	186	425	55	220	42	129	8	33	5	26	5	12	2	10	2
HC22-RM008	HC22-1181	58.5	60.0	1061	242	323	819	156	370	49	203	41	137	8	34	5	25	5	13	2	11	2
HC22-RM008	HC22-1182	60.0	61.5	1018	215	301	803	159	370	46	191	37	120	7	31	4	23	4	12	2	10	2
HC22-RM008	HC22-1183	61.5	63.0	1312	293	408	1019	190	458	61	259	51	163	10	44	6	31	6	16	2	13	2
HC22-RM008	HC22-1184	63.0	64.5	1017	215	308	802	158	364	47	195	38	119	10	31	5	23	4	11	2	9	1
HC22-RM008	HC22-1185	64.5	66.0	1152	243	343	909	182	415	52	219	41	135	10	35	5	26	5	13	2	10	2
HC22-RM008	HC22-1186	66.0	67.5	1171	253	358	918	178	414	53	229	44	142	10	36	5	27	5	13	2	11	2
HC22-RM008	HC22-1187	67.5	69.0	1207	293	366	914	172	413	54	229	46	168	10	40	6	31	6	15	2	13	2
HC22-RM008	HC22-1188	69.0	70.5	1448	307	441	1141	221	518	67	281	54	174	10	45	6	33	6	16	2	13	2
HC22-RM008	HC22-1190	70.5	72.0	1114	246	334	868	174	391	50	212	41	137	10	35	5	26	5	13	2	11	2
HC22-RM008	HC22-1191	72.0	73.5	1044	215	302	829	172	381	47	193	36	121	10	30	4	22	4	11	1	10	2
HC22-RM008	HC22-1192	73.5	75.0	962	223	293	739	142	332	43	187	35	126	9	30	4	24	4	12	2	10	2
HC22-RM008	HC22-1193	75.0	76.5	1022	220	298	802	164	367	46	190	35	124	9	31	4	23	4	11	2	10	2
HC22-RM008	HC22-1194	76.5	78.0	1049	229	311	820	164	373	48	198	37	129	10	32	4	24	4	12	2	10	2
HC22-RM008	HC22-1195	78.0	79.5	727	157	209	570	117	263	33	132	25	91	6	21	3	16	3	8	1	7	1
HC22-RM008	HC22-1196	79.5	81.0	1044	213	297	831	176	384	47	190	34	119	9	30	4	22	4	11	2	10	2
HC22-RM008	HC22-1197	81.0	82.5	863	185	249	678	141	310	39	159	29	103	10	25	4	18	4	10	1	9	1
HC22-RM008	HC22-1198	82.5	84.0	880	171	240	709	159	330	39	153	28	96	10	23	3	17	3	9	1	8	1
HC22-RM008	HC22-1199	84.0	85.5	799	207	230	592	117	269	35	144	27	121	10	24	4	20	4	11	2	10	1
HC22-RM008	HC22-1200	85.5	87.0	663	179	191	484	95	218	28	119	24	105	9	21	3	17	4	10	1	8	1
HC22-RM008	HC22-1201	87.0	88.5	805	190	242	615	121	275	36	154	29	108	9	25	4	19	4	10	1	9	1
HC22-RM008	HC22-1202	88.5	90.0	1135	259	349	876	164	396	51	222	43	144	9	38	6	27	5	14	2	12	2
HC22-RM008	HC22-1203	90.0	91.5	1141	241	330	900	185	414	51	210	40	139	9	31	5	24	5	13	2	11	2
HC22-RM008	HC22-1204	91.5	93.0	819	173	235	646	135	297	37	148	29	98	7	25	3	18	3	9	1	8	1
HC22-RM008	HC22-1205	93.0	94.5	424	63	113	361	83	173	19	73	13	37	2	9	1	7	1	3		3	
HC22-RM008	HC22-1206	94.5	96.0	244	34	57	210	53	104	11	37	5	20	1	4	1	3	1	2		2	
HC22-RM008	HC22-1207	96.0	97.5	348	37	82	311	80	154	16	53	8	20	2	5	1	4	1	2		2	
HC22-RM008	HC22-1208	97.5	99.0	1338	292	424	1046	194	466	63	271	52	162	9	45	6	32	6	16	2	12	2

HC22-RM008	HC22-1210	99.0	100.5	1321	285	416	1036	195	462	62	265	52	159	9	43	6	31	6	15	2	12	2
HC22-RM008	HC22-1211	100.5	102.0	1387	304	441	1083	199	483	65	281	55	170	9	46	7	33	6	16	2	13	2
HC22-RM008	HC22-1212	102.0	103.5	1326	277	404	1049	187	496	59	253	54	145	9	47	6	32	6	15	2	13	2
HC22-RM008	HC22-1213	103.5	105.0	1250	253	374	997	183	474	56	234	50	133	9	41	5	29	6	14	2	12	2
HC22-RM008	HC22-1214	105.0	106.5	1163	237	345	926	171	442	51	218	44	123	10	39	5	27	5	13	2	11	2
HC22-RM008	HC22-1215	106.5	108.0	1033	205	303	828	159	393	46	191	39	109	9	33	4	23	4	12	1	9	1
HC22-RM008	HC22-1216	108.0	109.5	988	208	301	780	151	356	45	188	40	110	9	32	5	23	4	11	2	10	2
HC22-RM008	HC22-1217	109.5	111.0	1043	216	312	827	156	388	47	196	40	111	10	35	5	24	5	12	2	10	2
HC22-RM008	HC22-1218	111.0	112.5	1035	217	310	818	154	383	46	194	41	112	10	35	5	24	5	12	2	10	2
HC22-RM008	HC22-1219	112.5	114.0	996	204	301	792	151	367	45	190	39	107	10	33	4	23	5	11	1	9	1
HC22-RM008	HC22-1220	114.0	115.5	1579	327	499	1252	212	587	72	316	65	171	9	57	8	38	7	18	2	15	2
HC22-RM008	HC22-1221	115.5	117.0	1415	287	437	1128	199	533	64	275	57	151	9	48	7	34	6	15	2	13	2
HC22-RM008	HC22-1222	117.0	118.5	1121	229	331	892	165	426	49	208	44	122	9	36	5	25	5	12	2	11	2
HC22-RM008	HC22-1223	118.5	120.0	917	194	272	723	143	334	41	170	35	102	10	30	4	22	4	11	1	9	1
HC22-RM008	HC22-1224	120.0	121.5	861	188	257	673	133	308	38	160	34	100	9	28	4	21	4	10	1	9	2
HC22-RM008	HC22-1225	121.5	123.0	812	183	248	629	120	285	36	155	33	98	9	28	4	20	4	10	1	8	1
HC22-RM008	HC22-1226	123.0	124.5	689	161	208	528	101	240	31	128	28	84	10	25	3	18	3	9	1	7	1
HC22-RM008	HC22-1227	124.5	126.0	613	145	174	468	99	214	26	107	22	77	8	20	3	16	3	9	1	7	1
HC22-RM008	HC22-1228	126.0	127.5	692	141	188	551	121	260	30	116	24	78	5	20	3	15	3	8	1	7	1
HC22-RM008	HC22-1229	127.5	129.0	571	145	162	426	86	196	24	99	21	80	8	19	3	15	3	8	1	7	1
HC22-RM008	HC22-1231	129.0	130.5	735	189	208	546	111	251	31	126	27	105	9	25	4	20	4	11	1	9	1
HC22-RM008	HC22-1232	130.5	132.0	594	140	163	454	96	212	25	100	21	77	8	18	3	14	3	8	1	7	1
HC22-RM008	HC22-1233	132.0	133.5	738	139	195	599	135	287	32	121	24	74	7	20	3	15	3	8	1	7	1
HC22-RM008	HC22-1234	133.5	135.0	500	121	143	379	76	174	22	89	18	64	9	17	2	12	2	7	1	6	1
HC22-RM008	HC22-1235	135.0	136.5	517	134	150	383	76	174	22	91	20	72	8	17	3	14	3	8	1	7	1
HC22-RM008	HC22-1236	136.5	138.0	379	109	101	270	58	125	15	59	13	60	5	14	2	12	2	6	1	6	1
HC22-RM008	HC22-1237	138.0	139.5	310	92	80	218	48	101	12	47	10	52	3	11	2	9	2	6	1	5	1
HC22-RM008	HC22-1238	139.5	141.0	556	177	156	379	74	171	21	91	22	101	7	21	3	19	4	11	1	9	1
HC22-RM008	HC22-1239	141.0	142.5	325	93	88	232	50	106	13	51	12	51	4	11	2	10	2	6	1	5	1
HC22-RM008	HC22-1240	142.5	144.0	540	160	159	380	71	170	22	94	23	89	7	21	3	17	4	9	1	8	1
HC22-RM008	HC22-1241	144.0	145.5	992	223	310	769	141	348	45	195	40	116	8	36	5	25	5	13	2	11	2
HC22-RM008	HC22-1242	145.5	147.0	957	208	296	749	140	341	44	186	38	110	7	33	5	23	5	11	2	10	2
HC22-RM008	HC22-1243	147.0	148.5	711	153	208	558	111	259	31	130	27	80	9	23	3	17	3	9	1	7	1
HC22-RM008	HC22-1244	148.5	150.0	778	154	225	624	129	290	36	141	28	84	8	22	3	17	3	8	1	7	1
HC22-RM021	HC22-2544	0.0	1.5	981	159	283	822	166	393	48	183	32	86	7	25	3	17	3	8	1	8	1
HC22-RM021	HC22-2545	1.5	3.0	1207	261	390	946	165	424	60	250	47	141	12	39	5	28	5	14	2	13	2
HC22-RM021	HC22-2546	3.0	4.5	1199	261	384	938	164	423	59	245	47	141	12	38	5	28	5	14	2	14	2
HC22-RM021	HC22-2547	4.5	6.0	1105	237	348	868	147	403	55	221	42	128	11	34	4	26	5	13	2	12	2
HC22-RM021	HC22-2548	6.0	7.5	1176	241	362	935	174	431	58	228	44	128	11	36	5	27	5	13	2	12	2
HC22-RM021	HC22-2549	7.5	9.0	1146	212	330	934	192	439	55	209	39	111	14	32	4	23	4	11	1	10	2
HC22-RM021	HC22-2551	9.0	10.5	781	164	226	617	117	294	37	142	27	90	9	23	3	17	3	9	1	8	1
HC22-RM021	HC22-2552	10.5	12.0	3758	296	1018	3462	783	1701	204	682	92	148	13	59	7	33	6	14	2	12	2
HC22-RM021	HC22-2553	12.0	13.5	4678	359	1274	4319	971	2125	246	862	115	173	16	75	9	42	7	17	2	15	3
HC22-RM021	HC22-2554	13.5	15.0	3725	309	1012	3416	763	1683	197	680	93	153	14	61	7	35	6	15	2	14	2
HC22-RM021	HC22-2555	15.0	16.5	4339	356	1198	3983	889	1947	233	804	110	173	15	74	9	42	7	17	2	15	2
HC22-RM021	HC22-2556	16.5	18.0	3836	333	1050	3503	779	1720	205	701	98	166	14	66	8	38	7	16	2	14	2

HC22-RM021	HC22-2557	18.0	19.5	4325	362	1180	3963	892	1941	228	791	111	179	15	73	8	42	7	17	2	16	3
HC22-RM021	HC22-2558	19.5	21.0	4385	350	1197	4035	903	1984	233	804	111	170	15	72	8	41	7	17	2	15	3
HC22-RM021	HC22-2559	21.0	22.5	4359	345	1197	4014	900	1965	234	806	109	168	15	71	8	40	7	17	2	15	2
HC22-RM021	HC22-2560	22.5	24.0	4529	349	1234	4180	936	2058	244	830	112	171	15	72	8	40	7	17	2	15	2
HC22-RM021	HC22-2561	24.0	25.5	4235	330	1155	3905	881	1916	226	778	104	160	15	68	8	39	6	16	2	14	2
HC22-RM021	HC22-2562	25.5	27.0	4117	342	1126	3775	853	1843	220	756	103	172	15	66	8	39	7	17	2	14	2
HC22-RM021	HC22-2563	27.0	28.5	4726	355	1272	4371	986	2162	249	860	114	172	17	74	8	41	7	17	2	15	2
HC22-RM021	HC22-2564	28.5	30.0	3938	311	1058	3627	819	1793	213	706	96	153	14	63	7	36	6	15	2	13	2
HC22-RM021	HC22-2565	30.0	31.5	2312	284	653	2028	420	993	119	428	68	148	14	48	6	32	6	14	2	12	2
HC22-RM021	HC22-2566	31.5	33.0	1310	258	405	1052	191	489	65	258	49	137	14	40	5	28	5	13	2	12	2
HC22-RM021	HC22-2567	33.0	34.5	2819	424	838	2395	473	1140	149	542	91	225	15	70	9	47	9	23	3	20	3
HC22-RM021	HC22-2568	34.5	36.0	1725	368	543	1357	246	618	85	342	66	197	12	58	8	42	8	20	3	17	3
HC22-RM021	HC22-2570	36.0	37.5	2073	417	654	1656	279	780	95	416	86	227	12	65	9	48	9	22	3	19	3
HC22-RM021	HC22-2571	37.5	39.0	2262	374	671	1888	357	910	106	432	83	203	11	59	8	42	8	20	3	17	3
HC22-RM021	HC22-2572	39.0	40.5	2441	372	711	2069	401	1006	113	461	88	205	9	59	8	41	8	20	3	16	3
HC22-RM021	HC22-2573	40.5	42.0	1830	361	556	1469	259	704	83	351	72	192	11	57	8	42	8	20	3	17	3
HC22-RM021	HC22-2574	42.0	43.5	2079	280	568	1799	375	892	95	371	66	151	11	44	6	30	6	15	2	13	2
HC22-RM021	HC22-2575	43.5	45.0	1051	200	292	851	165	419	46	184	37	112	6	28	4	21	4	11	2	10	2
HC22-RM021	HC22-2576	45.0	46.5	1365	249	385	1116	218	545	60	244	49	135	10	37	5	27	5	14	2	12	2
HC22-RM021	HC22-2577	46.5	48.0	1504	277	430	1227	239	595	67	272	54	147	11	43	6	31	6	16	2	13	2
HC22-RM021	HC22-2578	48.0	49.5	1696	352	524	1344	228	640	76	330	70	189	12	55	8	40	7	19	3	16	3
HC22-RM021	HC22-2579	49.5	51.0	1637	350	520	1287	212	604	74	325	72	189	11	55	8	41	8	19	2	15	2
HC22-RM021	HC22-2580	51.0	52.5	1884	354	565	1530	283	730	86	359	72	190	12	56	8	40	7	19	3	16	3
HC22-RM021	HC22-2581	52.5	54.0	2247	321	629	1926	394	946	104	408	74	170	13	52	7	36	7	17	2	15	2
HC22-RM021	HC22-2582	54.0	55.5	1605	279	468	1326	250	645	73	299	59	149	12	43	6	31	6	15	2	13	2
HC22-RM021	HC22-2583	55.5	57.0	1186	229	346	957	179	462	52	218	46	122	12	34	5	25	5	12	2	10	2
HC22-RM021	HC22-2584	57.0	58.5	1752	259	486	1493	304	737	80	315	57	135	14	42	6	28	5	14	2	11	2
HC22-RM021	HC22-2585	58.5	60.0	1785	278	504	1507	305	735	81	327	59	145	14	45	6	31	6	15	2	12	2
HC22-RM021	HC22-2586	60.0	61.5	2206	373	633	1833	355	895	100	405	78	202	12	59	8	42	8	20	3	16	3
HC22-RM021	HC22-2587	61.5	63.0	1690	273	479	1417	277	698	76	308	58	142	13	44	6	31	6	15	2	12	2
HC22-RM021	HC22-2588	63.0	64.5	1578	239	438	1339	272	661	71	283	52	121	14	39	5	27	5	13	2	11	2
HC22-RM021	HC22-2590	64.5	66.0	1344	239	374	1105	218	544	58	238	47	128	12	35	5	26	5	13	2	11	2
HC22-RM021	HC22-2591	66.0	67.5	1354	240	383	1114	218	544	60	244	48	128	12	36	5	26	5	13	2	11	2
HC22-RM021	HC22-2592	67.5	69.0	1457	262	424	1195	229	577	65	271	53	139	12	41	6	29	5	14	2	12	2
HC22-RM021	HC22-2593	69.0	70.5	4149	327	1068	3822	925	1873	194	722	108	165	13	65	8	36	6	17	2	13	2
HC22-RM021	HC22-2594	70.5	72.0	3523	321	916	3202	763	1566	162	615	96	164	13	61	7	36	6	16	2	14	2
HC22-RM021	HC22-2595	72.0	73.5	4117	347	1068	3770	915	1836	192	716	111	168	15	70	9	40	7	18	2	15	3
HC22-RM021	HC22-2596	73.5	75.0	2931	276	761	2655	629	1302	135	507	82	141	13	50	6	31	5	14	2	12	2
HC22-RM021	HC22-2597	75.0	76.5	1466	233	417	1233	247	599	66	268	53	125	12	35	5	25	5	12	2	10	2
HC22-RM021	HC22-2598	76.5	78.0	1651	253	462	1398	286	684	74	296	58	129	14	42	6	28	5	14	2	11	2
HC22-RM021	HC22-2599	78.0	79.5	5810	390	1503	5420	1319	2653	277	1025	146	187	16	84	10	45	8	19	2	16	3
HC22-RM021	HC22-2600	79.5	81.0	2995	284	784	2711	651	1314	138	524	84	144	14	52	6	32	6	14	2	12	2
HC22-RM021	HC22-2601	81.0	82.5	1728	262	483	1466	294	724	78	311	59	136	14	42	6	29	5	14	2	12	2
HC22-RM021	HC22-2602	82.5	84.0	2879	304	759	2575	604	1253	131	503	84	156	14	55	7	34	6	15	2	13	2
HC22-RM021	HC22-2603	84.0	85.5	2280	298	625	1982	415	983	105	407	72	150	15	52	7	34	6	16	2	14	2
HC22-RM021	HC22-2604	85.5	87.0	1426	244	402	1182	233	579	64	257	49	127	14	38	5	27	5	13	2	11	2

HC22-RM021	HC22-2605	87.0	88.5	1368	235	390	1133	223	550	61	250	49	121	14	37	5	25	5	13	2	11	2
HC22-RM021	HC22-2606	88.5	90.0	1532	243	458	1289	269	595	71	301	53	121	15	40	5	28	5	13	2	12	2
HC22-RM021	HC22-2607	90.0	91.5	1470	237	438	1233	259	569	68	286	51	118	15	38	5	28	5	13	2	11	2
HC22-RM021	HC22-2608	91.5	93.0	1748	247	511	1501	323	700	82	338	58	123	14	43	5	28	5	13	2	12	2
HC22-RM021	HC22-2609	93.0	94.5	2650	283	745	2367	534	1126	127	503	77	139	15	53	6	32	6	14	2	14	2
HC22-RM021	HC22-2611	94.5	96.0	2498	262	702	2236	505	1065	120	472	74	130	14	48	6	30	5	13	2	12	2
HC22-RM021	HC22-2612	96.0	97.5	2170	266	626	1904	420	894	102	419	69	133	14	47	6	30	5	14	2	13	2
HC22-RM021	HC22-2613	97.5	99.0	2197	281	637	1916	413	904	104	423	72	140	15	50	6	32	6	14	2	14	2
HC22-RM021	HC22-2614	99.0	100.5	2687	285	750	2402	547	1144	128	506	77	142	14	53	6	33	6	14	2	13	2
HC22-RM021	HC22-2615	100.5	102.0	2695	284	746	2411	547	1156	128	502	78	141	14	53	6	32	6	14	2	14	2
HC22-RM021	HC22-2616	102.0	103.5	2685	257	740	2428	561	1162	127	503	75	123	15	50	6	29	5	13	2	12	2
HC22-RM021	HC22-2617	103.5	105.0	2761	244	746	2517	582	1221	131	510	73	118	14	47	5	27	5	12	2	12	2
HC22-RM021	HC22-2618	105.0	106.5	5180	384	1403	4796	1173	2273	253	967	130	180	21	81	9	44	7	18	3	18	3
HC22-RM021	HC22-2619	106.5	108.0	3109	258	835	2851	686	1364	149	574	78	125	14	51	6	28	5	13	2	12	2
HC22-RM021	HC22-2620	108.0	109.5	2692	242	727	2450	570	1185	129	496	70	120	12	45	5	27	5	12	2	12	2
HC22-RM021	HC22-2621	109.5	111.0	3670	303	997	3367	809	1603	176	684	95	148	14	60	7	35	6	15	2	14	2
HC22-RM021	HC22-2622	111.0	112.5	3209	291	872	2918	692	1394	153	595	84	142	15	56	6	34	6	14	2	14	2
HC22-RM021	HC22-2623	112.5	114.0	2721	273	754	2448	559	1173	130	509	77	133	15	52	6	32	5	13	2	13	2
HC22-RM021	HC22-2624	114.0	115.5	2605	274	729	2331	527	1113	124	492	75	133	14	52	6	32	6	14	2	13	2
HC22-RM021	HC22-2625	115.5	117.0	2498	256	695	2242	513	1069	118	471	71	128	13	46	6	29	5	13	2	12	2
HC22-RM021	HC22-2626	117.0	118.5	2909	271	799	2638	606	1271	140	539	82	133	13	52	6	32	5	13	2	13	2
HC22-RM021	HC22-2627	118.5	120.0	2243	271	635	1972	436	938	106	425	67	136	14	48	6	31	5	14	2	13	2
HC22-RM021	HC22-2628	120.0	121.5	1347	262	418	1085	218	484	62	268	53	137	13	41	5	30	5	14	2	13	2
HC22-RM021	HC22-2630	121.5	123.0	1054	219	328	835	164	371	50	210	40	118	12	33	4	24	4	11	1	10	2
HC22-RM021	HC22-2631	123.0	124.5	1829	276	539	1553	339	712	90	353	59	141	15	46	6	31	6	14	2	13	2
HC22-RM021	HC22-2632	124.5	126.0	2256	280	645	1976	443	925	114	429	65	144	14	48	6	31	6	14	2	13	2
HC22-RM021	HC22-2633	126.0	127.5	2475	302	708	2173	490	1016	125	472	70	151	16	55	7	34	6	15	2	14	2
HC22-RM021	HC22-2634	127.5	129.0	2500	294	715	2206	502	1029	125	476	74	150	14	52	7	33	6	15	2	13	2
HC22-RM021	HC22-2635	129.0	130.5	2467	295	699	2172	491	1021	123	467	70	150	15	53	6	33	6	15	2	13	2
HC22-RM021	HC22-2636	130.5	132.0	2526	280	707	2246	516	1060	126	470	74	142	14	51	6	31	5	14	2	13	2
HC22-RM021	HC22-2637	132.0	133.5	2434	292	698	2142	482	1000	123	467	70	150	15	51	6	32	6	15	2	13	2
HC22-RM021	HC22-2638	133.5	135.0	2078	293	604	1785	391	827	102	399	66	153	16	49	6	31	6	15	2	13	2
HC22-RM021	HC22-2639	135.0	136.5	1684	282	503	1402	294	642	81	328	57	148	15	45	6	31	6	14	2	13	2
HC22-RM021	HC22-2640	136.5	138.0	1470	297	451	1173	233	527	71	289	53	158	14	47	6	32	6	16	2	14	2
HC22-RM021	HC22-2641	138.0	139.5	1511	295	460	1216	245	549	73	294	55	157	15	46	6	32	6	15	2	14	2
HC22-RM021	HC22-2642	139.5	141.0	1462	355	467	1107	201	485	68	294	59	195	14	52	7	39	7	19	2	17	3
HC22-RM021	HC22-2643	141.0	142.5	7183	594	1942	6589	1536	3194	360	1318	181	296	18	123	15	68	12	30	4	24	4
HC22-RM021	HC22-2644	142.5	144.0	1517	277	460	1240	256	560	73	297	54	145	14	45	6	30	6	14	2	13	2
HC22-RM021	HC22-2645	144.0	145.5	1607	282	485	1325	276	601	77	317	54	149	14	45	6	31	6	14	2	13	2
HC22-RM021	HC22-2646	145.5	147.0	3120	303	869	2817	638	1351	157	588	83	153	15	56	7	34	6	15	2	13	2
HC22-RM021	HC22-2647	147.0	148.5	2317	283	663	2034	456	952	117	441	68	142	16	51	6	31	6	14	2	13	2
HC22-RM021	HC22-2648	148.5	150.0	2327	278	673	2049	456	957	118	450	68	142	14	49	6	31	6	14	2	12	2
HC22-RM022	HC22-2650	0.0	1.5	1097	186	310	911	201	424	53	201	32	101	8	28	4	20	4	10	1	9	1
HC22-RM022	HC22-2651	1.5	3.0	480	118	140	362	74	162	21	87	18	64	8	15	2	12	2	7	1	6	1
HC22-RM022	HC22-2652	3.0	4.5	592	149	170	443	90	202	26	103	22	85	6	18	3	16	3	8	1	8	1
HC22-RM022	HC22-2653	4.5	6.0	945	205	265	740	162	339	43	164	32	119	4	29	4	22	4	11	1	10	1

HC22-RM022	HC22-2654	6.0	7.5	831	185	232	646	141	297	37	143	28	108	4	24	4	20	4	10	1	9	1
HC22-RM022	HC22-2655	7.5	9.0	1306	230	361	1076	242	502	61	232	39	130	4	34	5	24	5	13	2	11	2
HC22-RM022	HC22-2656	9.0	10.5	841	176	233	665	148	307	38	143	29	100	5	24	4	19	4	10	1	8	1
HC22-RM022	HC22-2657	10.5	12.0	516	128	140	388	86	176	23	86	17	72	7	16	2	12	3	7	1	7	1
HC22-RM022	HC22-2658	12.0	13.5	432	107	120	325	70	147	19	74	15	57	9	13	2	10	2	6	1	6	1
HC22-RM022	HC22-2659	13.5	15.0	290	83	85	207	42	89	12	54	10	42	9	11	1	8	2	4	1	4	1
HC22-RM022	HC22-2660	15.0	16.5	434	108	123	326	70	146	19	77	14	59	8	12	2	11	2	6	1	6	1
HC22-RM022	HC22-2661	16.5	18.0	484	110	128	374	81	178	21	78	16	62	6	13	2	11	2	6	1	6	1
HC22-RM022	HC22-2662	18.0	19.5	425	96	118	329	69	154	19	72	15	50	8	12	2	10	2	5	1	5	1
HC22-RM022	HC22-2663	19.5	21.0	403	103	113	300	62	138	17	69	14	55	7	13	2	11	2	6	1	5	1
HC22-RM022	HC22-2664	21.0	22.5	706	117	193	589	129	281	33	123	23	62	8	17	2	12	2	6	1	6	1
HC22-RM022	HC22-2665	22.5	24.0	274	79	78	195	38	87	11	48	11	41	9	9	1	7	2	4	1	4	1
HC22-RM022	HC22-2666	24.0	25.5	260	70	73	190	39	86	11	45	9	35	8	8	1	7	1	4	1	4	1
HC22-RM022	HC22-2667	25.5	27.0	402	99	110	303	63	142	17	67	14	55	5	12	2	10	2	6	1	5	1
HC22-RM022	HC22-2668	27.0	28.5	362	102	100	260	53	119	15	60	13	55	8	12	2	10	2	6	1	5	1
HC22-RM022	HC22-2669	28.5	30.0	290	84	81	206	41	93	12	49	11	42	9	10	1	8	2	5	1	5	1
HC22-RM022	HC22-2671	30.0	31.5	277	85	77	192	38	86	11	46	11	44	8	10	1	8	2	5	1	5	1
HC22-RM022	HC22-2672	31.5	33.0	290	82	82	208	42	93	12	50	11	42	8	10	1	8	2	4	1	5	1
HC22-RM022	HC22-2673	33.0	34.5	336	94	95	242	48	110	14	58	12	49	9	11	2	9	2	5	1	5	1
HC22-RM022	HC22-2674	34.5	36.0	394	56	101	338	77	167	18	64	12	31	3	8	1	6	1	3		3	
HC22-RM022	HC22-2675	36.0	37.5	571	119	152	452	98	216	25	95	18	65	8	15	2	12	2	7	1	6	1
HC22-RM022	HC22-2676	37.5	39.0	524	116	143	408	88	191	23	89	17	62	8	15	2	12	2	7	1	6	1
HC22-RM022	HC22-2677	39.0	40.5	339	86	98	253	51	114	14	61	13	44	8	11	2	8	2	4	1	5	1
HC22-RM022	HC22-2678	40.5	42.0	272	75	78	197	40	88	11	47	11	37	9	9	1	8	1	4	1	4	1
HC22-RM022	HC22-2679	42.0	43.5	283	75	83	208	41	92	12	51	12	38	9	9	1	7	1	4	1	4	1
HC22-RM022	HC22-2680	43.5	45.0	280	76	83	204	40	90	12	51	11	38	9	9	1	8	1	4	1	4	1
HC22-RM022	HC22-2681	45.0	46.5	290	76	83	214	42	97	12	51	12	38	9	9	1	7	2	4	1	4	1
HC22-RM022	HC22-2682	46.5	48.0	338	87	98	251	50	113	15	60	13	44	9	11	2	8	2	5	1	4	1
HC22-RM022	HC22-2683	48.0	49.5	498	105	140	393	82	184	22	88	17	54	9	14	2	11	2	6	1	5	1
HC22-RM022	HC22-2684	49.5	51.0	302	79	86	223	45	101	13	53	11	40	8	9	1	8	2	5	1	4	1
HC22-RM022	HC22-2685	51.0	52.5	329	79	91	250	52	116	15	56	11	40	8	10	1	8	2	4	1	4	1
HC22-RM022	HC22-2686	52.5	54.0	419	100	116	319	66	149	18	71	15	53	8	12	2	10	2	6	1	5	1
HC22-RM022	HC22-2687	54.0	55.5	733	149	204	584	121	278	33	127	25	82	7	20	3	16	3	9	1	7	1
HC22-RM022	HC22-2688	55.5	57.0	483	113	138	370	75	171	21	85	18	59	9	15	2	12	2	6	1	6	1
HC22-RM022	HC22-2690	57.0	58.5	846	153	234	693	147	333	38	146	29	81	8	22	3	18	3	9	1	7	1
HC22-RM022	HC22-2691	58.5	60.0	1070	161	292	909	192	446	51	187	33	86	8	25	3	18	3	9	1	7	1
HC22-RM022	HC22-2692	60.0	61.5	1155	145	307	1010	215	507	54	202	32	73	9	24	3	16	3	8	1	7	1
HC22-RM022	HC22-2693	61.5	63.0	379	103	108	276	53	127	16	66	14	56	7	12	2	10	2	6	1	6	1
HC22-RM022	HC22-2694	63.0	64.5	906	167	239	739	164	357	41	150	27	95	7	22	3	18	3	9	1	8	1
HC22-RM022	HC22-2695	64.5	66.0	800	118	223	682	147	327	38	145	25	59	9	19	2	13	2	6	1	6	1
HC22-RM022	HC22-2696	66.0	67.5	618	114	173	504	107	238	28	111	20	60	7	16	2	12	2	7	1	6	1
HC22-RM022	HC22-2697	67.5	69.0	1828	208	493	1620	341	814	85	324	56	111	8	35	5	23	4	11	1	9	1
HC22-RM022	HC22-2698	69.0	70.5	577	98	165	479	102	224	26	106	21	50	8	14	2	10	2	5	1	5	1
HC22-RM022	HC22-2699	70.5	72.0	300	76	86	224	45	101	12	54	12	41	7	9	1	7	1	4	1	4	1
HC22-RM022	HC22-2700	72.0	73.5	303	78	90	225	44	100	13	55	13	43	6	9	1	8	1	4	1	4	1
HC22-RM022	HC22-2701	73.5	75.0	327	75	98	252	49	114	14	61	14	43	4	10	1	8	1	4	1	3	

HC22-RM022	HC22-2702	75.0	76.5	429	92	124	337	69	155	19	77	17	49	7	12	2	9	2	5	1	4	1
HC22-RM022	HC22-2703	76.5	78.0	362	85	105	277	56	126	15	66	14	44	8	11	2	8	2	4	1	4	1
HC22-RM022	HC22-2704	78.0	79.5	405	86	115	319	67	147	18	72	15	45	8	11	2	8	2	4	1	4	1
HC22-RM022	HC22-2705	79.5	81.0	727	136	213	591	120	275	33	136	27	73	9	19	3	14	3	7	1	6	1
HC22-RM022	HC22-2706	81.0	82.5	315	89	92	226	44	101	13	56	12	48	7	10	2	9	2	5	1	4	1
HC22-RM022	HC22-2707	82.5	84.0	3615	396	1005	3219	704	1566	169	664	116	203	12	76	10	46	8	20	3	15	3
HC22-RM022	HC22-2708	84.0	85.5	7481	763	2159	6718	1443	3231	362	1440	242	376	19	163	20	95	16	38	5	27	4
HC22-RM022	HC22-2710	85.5	87.0	4892	638	1472	4254	871	2002	231	966	184	331	17	124	16	75	13	31	4	23	4
HC22-RM022	HC22-2711	87.0	88.5	5806	708	1747	5098	1045	2408	280	1152	213	361	18	143	18	84	15	36	4	25	4
HC22-RM022	HC22-2712	88.5	90.0	4655	615	1418	4040	812	1898	223	932	175	317	17	120	15	73	13	30	4	22	4
HC22-RM022	HC22-2713	90.0	91.5	6612	672	1914	5940	1272	2850	320	1277	221	342	17	138	17	79	14	33	4	24	4
HC22-RM022	HC22-2714	91.5	93.0	8815	660	2472	8155	1824	3955	454	1662	260	321	19	149	17	79	13	31	4	23	4
HC22-RM022	HC22-2715	93.0	94.5	7131	691	2046	6440	1372	3120	344	1371	233	352	18	142	17	81	14	34	4	25	4
HC22-RM022	HC22-2716	94.5	96.0	6751	736	1957	6015	1278	2887	324	1301	225	376	19	146	19	88	16	37	5	26	4
HC22-RM022	HC22-2717	96.0	97.5	7920	835	2260	7085	1542	3403	381	1505	254	432	21	163	21	99	18	42	5	30	4
HC22-RM022	HC22-2718	97.5	99.0	8233	893	2307	7340	1601	3562	391	1522	264	464	20	172	22	108	19	46	6	31	5
HC22-RM022	HC22-2719	99.0	100.5	7987	834	2274	7153	1548	3452	384	1510	259	428	20	166	21	100	18	42	5	30	4
HC22-RM022	HC22-2720	100.5	102.0	6646	569	1838	6077	1360	2960	323	1236	198	286	18	118	14	67	12	28	3	20	3
HC22-RM022	HC22-2721	102.0	103.5	10636	932	3097	9704	2076	4668	565	2070	325	465	23	200	24	113	19	46	6	31	5
HC22-RM022	HC22-2722	103.5	105.0	7921	804	2268	7117	1536	3427	378	1522	254	411	21	164	20	94	17	40	5	28	4
HC22-RM022	HC22-2723	105.0	106.5	6749	769	1902	5980	1314	2874	317	1254	221	404	19	143	19	91	16	40	5	28	4
HC22-RM022	HC22-2724	106.5	108.0	8017	898	2263	7119	1548	3439	377	1493	262	469	19	171	22	109	19	46	6	32	5
HC22-RM022	HC22-2725	108.0	109.5	8478	807	2358	7671	1706	3722	407	1580	256	418	20	158	20	95	17	40	5	29	5
HC22-RM022	HC22-2726	109.5	111.0	7968	874	2268	7094	1548	3403	379	1505	259	456	21	169	22	103	18	44	5	31	5
HC22-RM022	HC22-2727	111.0	112.5	8492	799	2457	7693	1665	3685	443	1633	267	399	23	169	20	94	17	40	5	28	4
HC22-RM022	HC22-2728	112.5	114.0	9593	964	2735	8629	1882	4152	497	1796	302	497	22	191	24	116	21	49	6	33	5
HC22-RM022	HC22-2729	114.0	115.5	2671	339	735	2332	505	1139	122	482	84	182	11	56	8	39	7	18	2	14	2
HC22-RM022	HC22-2731	115.5	117.0	1148	186	315	962	197	474	51	202	38	101	9	28	4	20	4	10	1	8	1
HC22-RM022	HC22-2732	117.0	118.5	523	110	151	413	84	191	23	96	19	58	9	15	2	11	2	6	1	5	1
HC22-RM022	HC22-2733	118.5	120.0	381	95	113	286	55	130	16	70	15	48	8	12	2	10	2	6	1	5	1
HC22-RM022	HC22-2734	120.0	121.5	364	88	107	276	55	125	15	67	14	44	8	11	2	9	2	5	1	5	1
HC22-RM022	HC22-2735	121.5	123.0	375	87	111	288	57	131	16	70	14	43	8	11	2	9	2	5	1	5	1
HC22-RM022	HC22-2736	123.0	124.5	300	80	89	220	43	98	12	55	12	40	8	10	2	8	2	4	1	4	1
HC22-RM022	HC22-2737	124.5	126.0	326	83	96	243	48	109	13	60	13	41	8	10	2	8	2	5	1	5	1
HC22-RM022	HC22-2738	126.0	127.5	323	84	96	239	46	108	13	60	12	42	8	11	2	9	2	4	1	4	1
HC22-RM022	HC22-2739	127.5	129.0	311	83	93	228	44	101	13	57	13	41	8	11	2	8	2	5	1	4	1
HC22-RM022	HC22-2740	129.0	130.5	276	75	83	201	39	88	11	51	12	37	8	10	1	8	1	4	1	4	1
HC22-RM022	HC22-2741	130.5	132.0	280	78	82	202	39	90	11	51	11	37	9	10	1	8	2	4	1	5	1
HC22-RM022	HC22-2742	132.0	133.5	305	78	91	227	44	101	13	56	13	39	8	10	1	8	2	4	1	4	1
HC22-RM022	HC22-2743	133.5	135.0	324	81	95	243	48	109	13	60	13	41	8	10	1	8	2	5	1	4	1
HC22-RM022	HC22-2744	135.0	136.5	285	77	84	208	40	93	11	52	12	38	8	10	1	8	2	4	1	4	1
HC22-RM022	HC22-2745	136.5	138.0	361	84	105	277	56	127	15	66	13	41	8	11	2	9	2	5	1	4	1
HC22-RM022	HC22-2746	138.0	139.5	340	87	101	253	49	114	14	62	14	42	9	11	2	9	2	5	1	5	1
HC22-RM022	HC22-2747	139.5	141.0	319	88	95	231	44	103	13	58	13	43	9	11	2	9	2	5	1	5	1
HC22-RM022	HC22-2748	141.0	142.5	294	79	87	215	42	96	12	54	11	38	8	11	2	8	2	4	1	4	1
HC22-RM022	HC22-2750	142.5	144.0	6458	630	1928	5828	1196	2801	303	1312	216	296	21	141	17	80	14	32	4	22	3

HC22-RM022	HC22-2751	144.0	145.5	8348	706	2382	7642	1671	3697	405	1621	248	334	21	159	19	89	15	36	4	25	4
HC22-RM022	HC22-2752	145.5	147.0	490	97	146	393	78	181	22	93	19	48	9	14	2	10	2	5	1	5	1
HC22-RM022	HC22-2753	147.0	148.5	427	98	128	329	64	150	18	81	16	48	9	13	2	11	2	6	1	5	1
HC22-RM022	HC22-2754	148.5	150.0	311	80	94	231	45	102	13	58	13	39	9	10	2	8	2	4	1	4	1