

Continued Exceptional Drilling Results at Halleck Creek

Recent RC drilling assays confirm significantly higher grades(+26%).

Highlights

- 15 RC holes each drilled to 102m for a total of 1,530m.
- Assay results confirm higher-grade rare earth mineralisation from surface, remaining open at depth:
 - Average TREO grade increased 26% to 4,179 ppm for the entire exploration program.
 - Highest grade assay of 11,040 ppm TREO.
- Numerous holes exhibit grades exceeding 1500 ppm TREO along nearly their entire 102m length, including:
 - HC23-OM044: 102m @ 5472 ppm TREO
 - HC23-OM038: 100.5m @ 4493 ppm TREO
 - HC23-OM033: 102m @ 4291 ppm TREO
 - HC23-OM042: 100.5m @ 4281 ppm TREO
- Neodymium and Praseodymium (NdPr) distribution continues at 23%.
- Resource modeling update is currently underway with significant upgrade to JORC resource estimates expected in the coming months.

American Rare Earths (ASX: ARR | ADRs - OTCQX: AMRRY | Common Shares - OTCQB: ARRNF) (“**ARR**” or the “**Company**”) is pleased to announce continued exceptional drilling results from its October-November 2023 drilling campaign^{1,2} at Overton Mountain, located within the broader Halleck Creek Rare Earths project area (Table 1, Figure 1). Of the fifteen reverse circulation (RC) holes drilled, there was an average TREO value 24% higher than that of the Company’s previous JORC resource estimate³ (3,309 ppm TREO). Nine of the fifteen RC holes exhibit an average TREO value of greater than 4,000 ppm, utilising a cutoff value of 1,500 ppm. The addition of the final RC assays will be a significant contribution to upgrading the Company’s current 1.43 billion tonne JORC resource. The cross sections and fence diagrams presented herein illustrate the homogenous nature of the deposit which lends itself to low-cost, near-zero strip ratio mining operations.

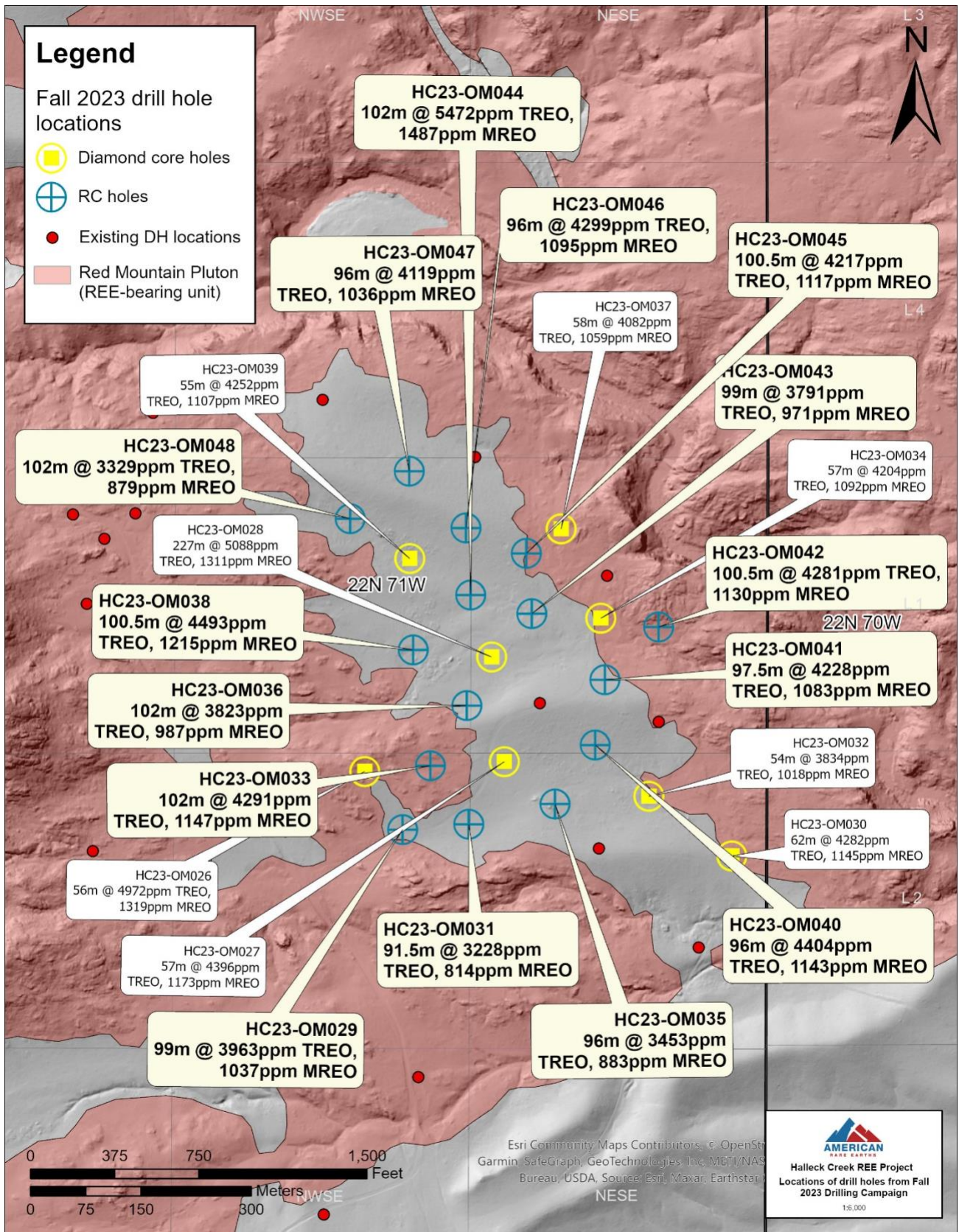
CEO Donald Swartz commented on the results:

“Exceptional results from the recent resource upgrade drilling campaign at the Halleck Creek Resource Area have not only surpassed our expectations, but are expected to exceed our previous resource estimates. The average TREO values of the RC holes, especially HC23-OM044’s outstanding intercept, demonstrate the potential of this project.”

“These results along with the recently announced diamond drilling results provide us confidence to be able to provide shareholders with a significant upgrade to our JORC resource estimates, which is expected in Q1 2024.”

1. ASX announcement November 1, 2023
2. ASX announcement December 7, 2023
3. ASX announcement March 30, 2023

Figure 1 - Location of drillholes from Fall 2023 Drilling Campaign



Technical Summary

Since the announcements on 1 November 2023 and 7 December 2023, assays for all fifteen RC holes drilled at the Overton Mountain resource area have been received (Table 2, Appendix B). The drill holes were spaced between 50 and 75 metres apart showing vertical and lateral continuity across the exploration area. Major intercepts from RC assays reinforce excellent results produced from diamond core. ARR is confident that a significant measured resource will be achieved.

These new RC assay results include:

- HC23-OM029 averages 3,621 ppm TREO over 58.50 m; averages 4,770 ppm TREO over 33.00 m.
- HC23-OM031 averages 3,703 ppm TREO over 66.00 m.
- HC23-OM033 averages 5,177ppm TREO over 24.00 m; averages 4,182 ppm TREO over 57.00 m.
- HC23-OM035 averages 4,079 ppm TREO over 64.50 m.
- HC23-OM036 averages 3,828 ppm TREO over 99.00 m.
- HC23-OM038 averages 5,672 ppm TREO over 21.00 m; averages 4,237 ppm TREO over 73.50 m.
- HC23-OM040 averages 4,453 ppm TREO over 93.00 m.
- HC23-OM041 averages 4,228 ppm TREO over 97.50 m.
- HC23-OM042 averages 4,318 ppm TREO over 93.00 m.
- HC23-OM043 averages 3,851 ppm TREO over 96.00 m.
- HC23-OM045 averages 4,249 ppm TREO over 90.00 m.
- HC23-OM046 averages 4,449 ppm TREO over 55.50 m; averages 4,094 ppm TREO over 40.50 m.
- HC23-OM047 averages 4,853 ppm TREO over 22.50 m; averages 4,148 ppm TREO over 43.50 m.
- HC23-OM048 averages 3,299 ppm TREO over 94.50 m; averages 4,599 ppm TREO over 4.50 m.

HC23-OM044 is the most impressive RC hole, exhibiting the best intercept observed at the Halleck Creek to date.

- HC23-OM044 averages 4,207 ppm TREO over 57.00 m; averages 8,364 ppm TREO over 31.50 m.

Average NdPr comprises 23% of TREO from all fifteen RC holes, consistent with previously announced diamond core results. Penalty elements remain de minimis, with an average thorium concentration of 69 ppm, and an average uranium oxide concentration of 7 ppm. A summary of RC assays can be observed in Table 2.

Table 1 - Summary of RC drilling - Fall 2023 Campaign

*UTM NAD 1983, Zone 13

**Including internal Qa/Qc

DHID	Easting*	Northing*	Elevation (m)	Elevation (ft)	Total Depth (m)	Total Depth (ft)	Azimuth /Dip	Samples **
HC23-OM029	475355.55	4635081.26	1740.00	5708.66	102	334.65	Vertical	71
HC23-OM031	475445.43	4635088.63	1735.64	5694.36	102	334.65	180, -65	72
HC23-OM033	475393.26	4635168.15	1742.50	5716.86	102	334.65	Vertical	71
HC23-OM035	475562.59	4635116.15	1732.63	5684.49	102	334.65	Vertical	72
HC23-OM036	475442.81	4635249.93	1739.01	5705.41	102	334.65	Vertical	71
HC23-OM038	475369.93	4635325.68	1739.65	5707.50	102	334.65	270, -90	72
HC23-OM040	475617.24	4635196.31	1731.63	5681.19	102	334.65	Vertical	72
HC23-OM041	475630.42	4635285.11	1734.32	5690.02	102	334.65	Vertical	71
HC23-OM042	475703.43	4635356.82	1731.09	5679.43	102	334.65	70, -65	72
HC23-OM043	475531.06	4635374.94	1733.98	5688.91	102	334.65	Vertical	71
HC23-OM044	475447.99	4635400.30	1736.46	5697.04	102	334.65	Vertical	72
HC23-OM045	475523.63	4635456.93	1737.08	5699.08	102	334.65	Vertical	71
HC23-OM046	475443.10	4635491.54	1741.53	5713.67	102	334.65	Vertical	72
HC23-OM047	475364.51	4635568.71	1745.38	5726.30	102	334.65	Vertical	72
HC23-OM048	475284.26	4635504.06	1745.37	5726.29	102	334.65	270, -65	71
					1,530	5,020		1,073

Table 2 - Summary of assays from diamond core drilling - Fall 2023 Campaign

DHID	Sample Count	Total Thickness (m)	TREO**			MREO			LREO			HREO		
			Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
HC23-OM029	66	99.00	3963	2423	5950	1037	92	1614	3483	304	5391	382	58	559
HC23-OM031	61	91.5	3228	1525	4246	814	180	1155	2677	598	3814	358	98	432
HC23-OM033	68	102	4291	2449	6575	1147	662	1784	3904	2190	6020	387	228	590
HC23-OM035	64	96	3253	1505	4943	883	328	1283	2968	951	4563	362	245	525
HC23-OM036	68	102	3823	2677	4534	987	680	1205	3467	2397	4163	356	280	421
HC23-OM038	67	100.5	4493	2500	7436	1215	320	2015	4033	1149	6829	412	123	697
HC23-OM040	64	96	4404	2683	9009	1143	82	2526	3779	255	8141	396	62	868
HC23-OM041	65	97.5	4228	3529	4779	1083	84	1274	3690	255	4359	374	75	431
HC23-OM042	67	100.5	4281	2413	5393	1130	355	1456	3848	1180	4884	390	166	509
HC23-OM043	66	99	3791	1770	4891	971	309	1300	3322	1022	4386	393	142	593
HC23-OM044	68	102	5472	1890	11054	1487	481	3071	4993	1668	10192	479	222	862
HC23-OM045	67	100.5	4217	3689	5187	1117	207	1413	3803	674	4791	364	104	444
HC23-OM046	64	96	4299	3492	5645	1095	92	1510	3702	261	5214	368	74	481
HC23-OM047	64	96	4119	2837	5270	1036	80	1353	3567	242	4839	339	66	433
HC23-OM048	68	102	3329	1632	4764	879	423	1240	2990	1468	4385	339	164	391
Grand Total	9867	1480.5	4099	1505	11054	1068	80	3071	3615	242	10192	380	58	868

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

**TREO 1,500 ppm cut-off

The receipt of these final assays indicate that all data has been received from the Fall 2023 drilling program. The total average TREO from all drill holes during the Fall 2023 campaign demonstrate an average of 4,179 ppm. Average NdPr remains 23% of total TREO, with an average of 71 ppm ThO₂ and 7 ppm UO₂. Cross plots indicate that NdPr is directly proportional with TREO, which further demonstrates the homogeneity of REE distribution within the deposit (Figure 2).

Idealised geologic cross sections and cross sections exhibiting TREO content can be observed in Figure 3 through Figure 6. Histogram-logs of TREO for each hole can be observed in Figure 7 through Figure 11. A fence diagram with core and RC assays can be observed in Figure 12.

Figure 2 - Cross plot of NdPr vs. TREO from Fall 2023 drilling campaign

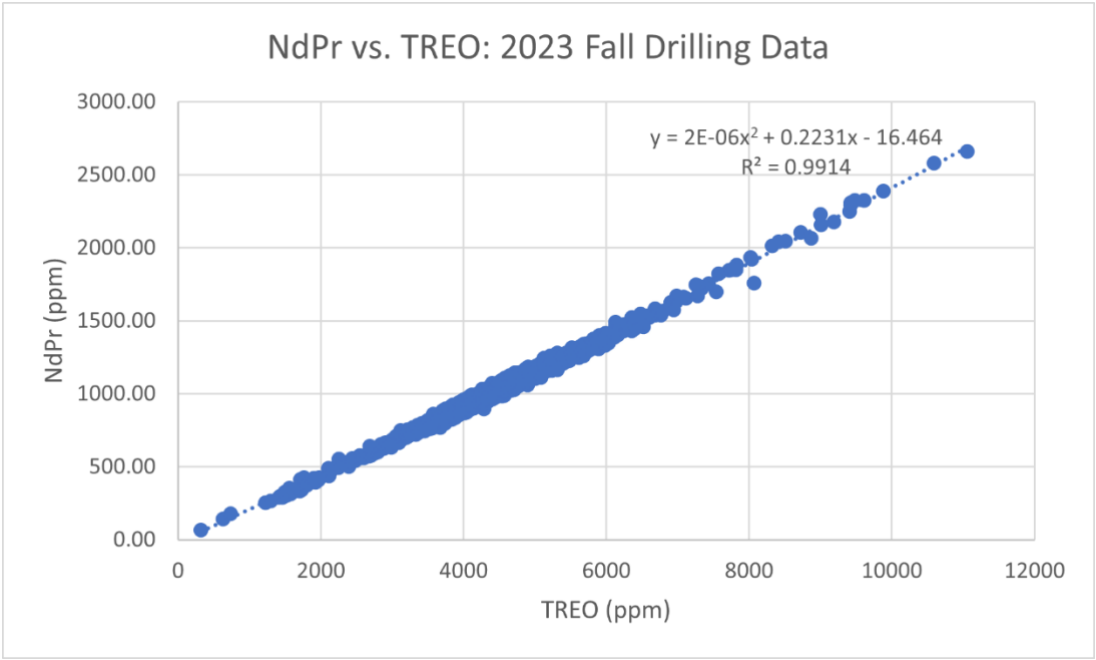


Figure 3 – Map of cross section line locations

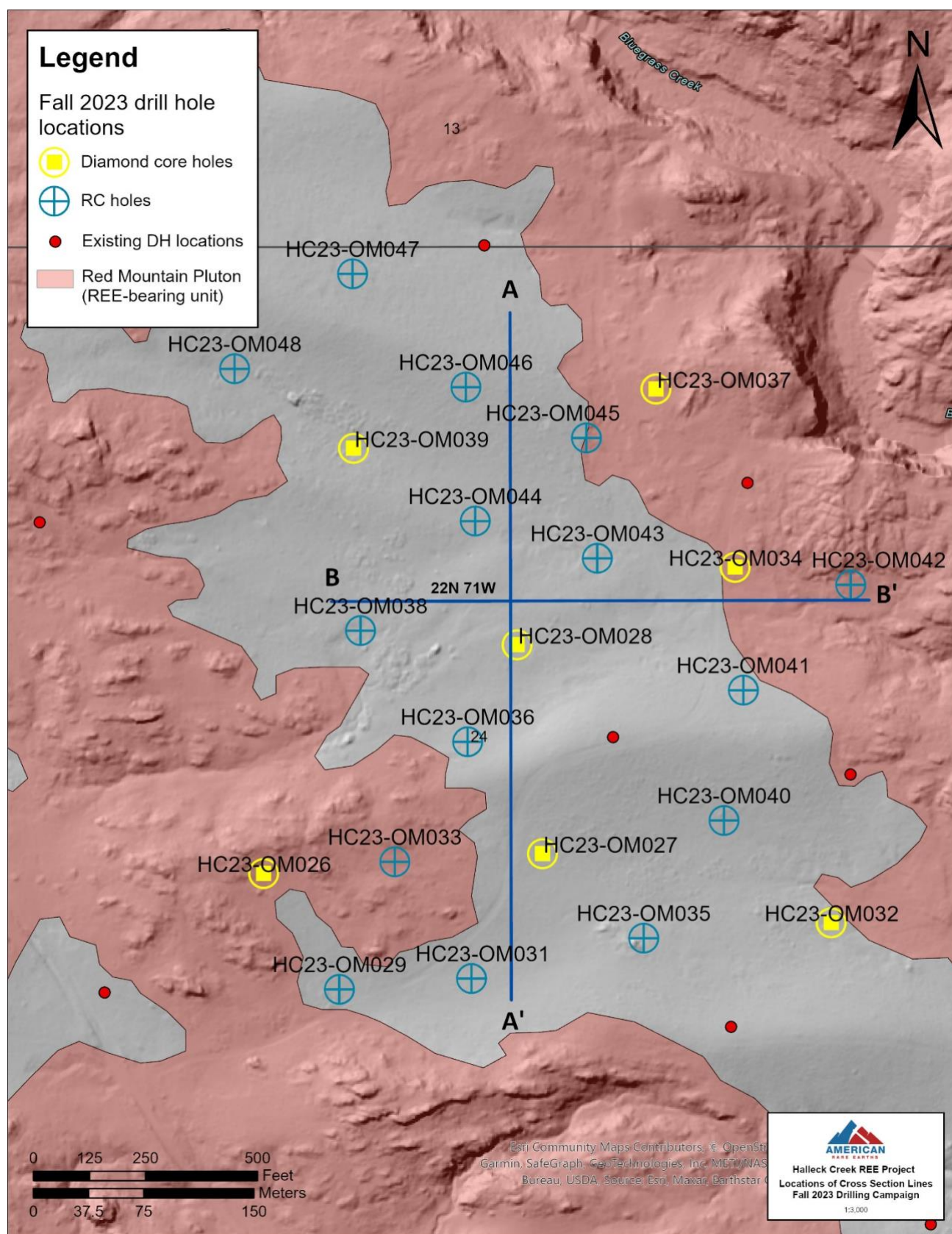


Figure 4 – Idealized geologic cross sections through Red Mountain Pluton incorporating new drill data

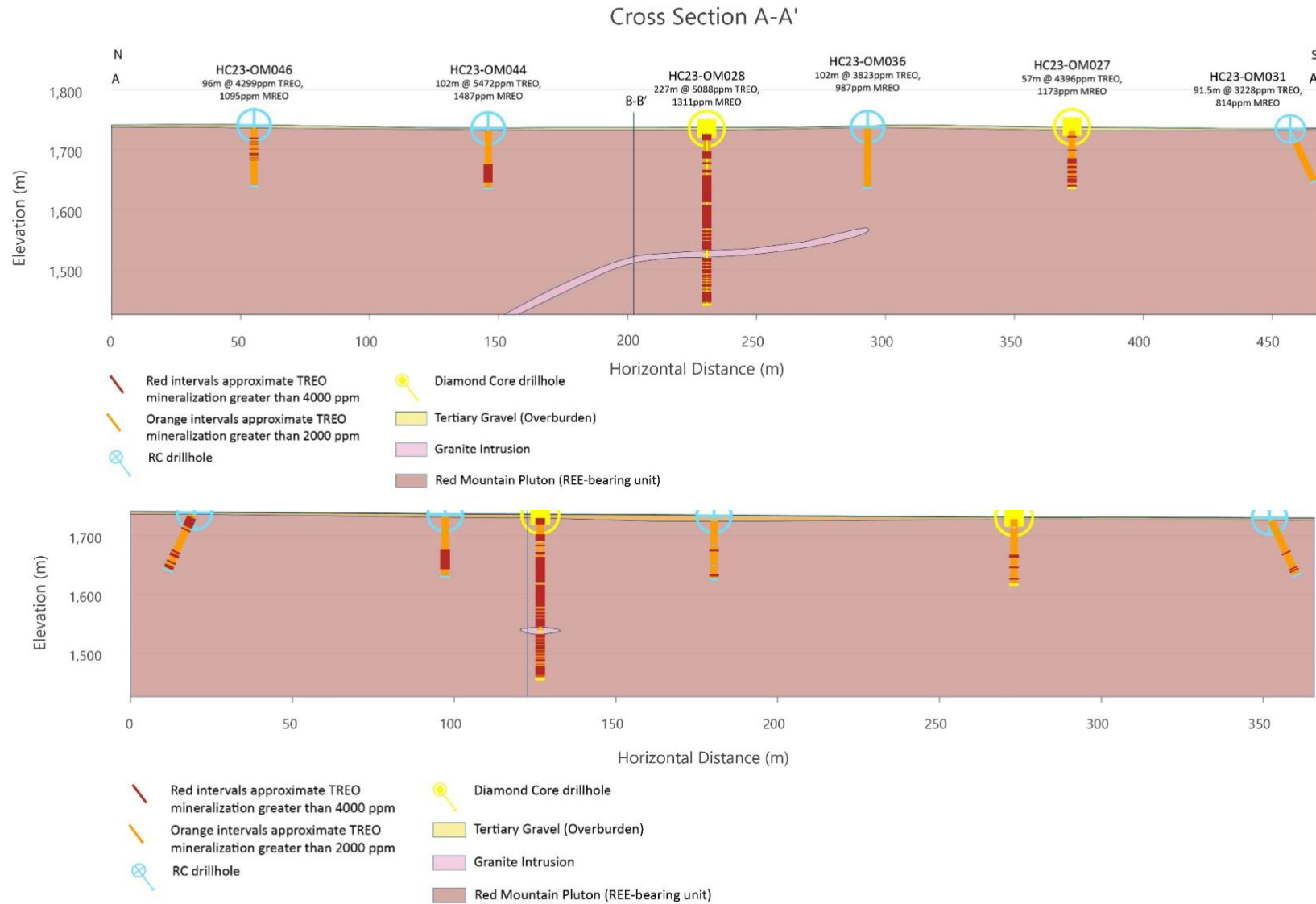


Figure 5 – Corresponding TREO cross section incorporating new drill data: A to A'

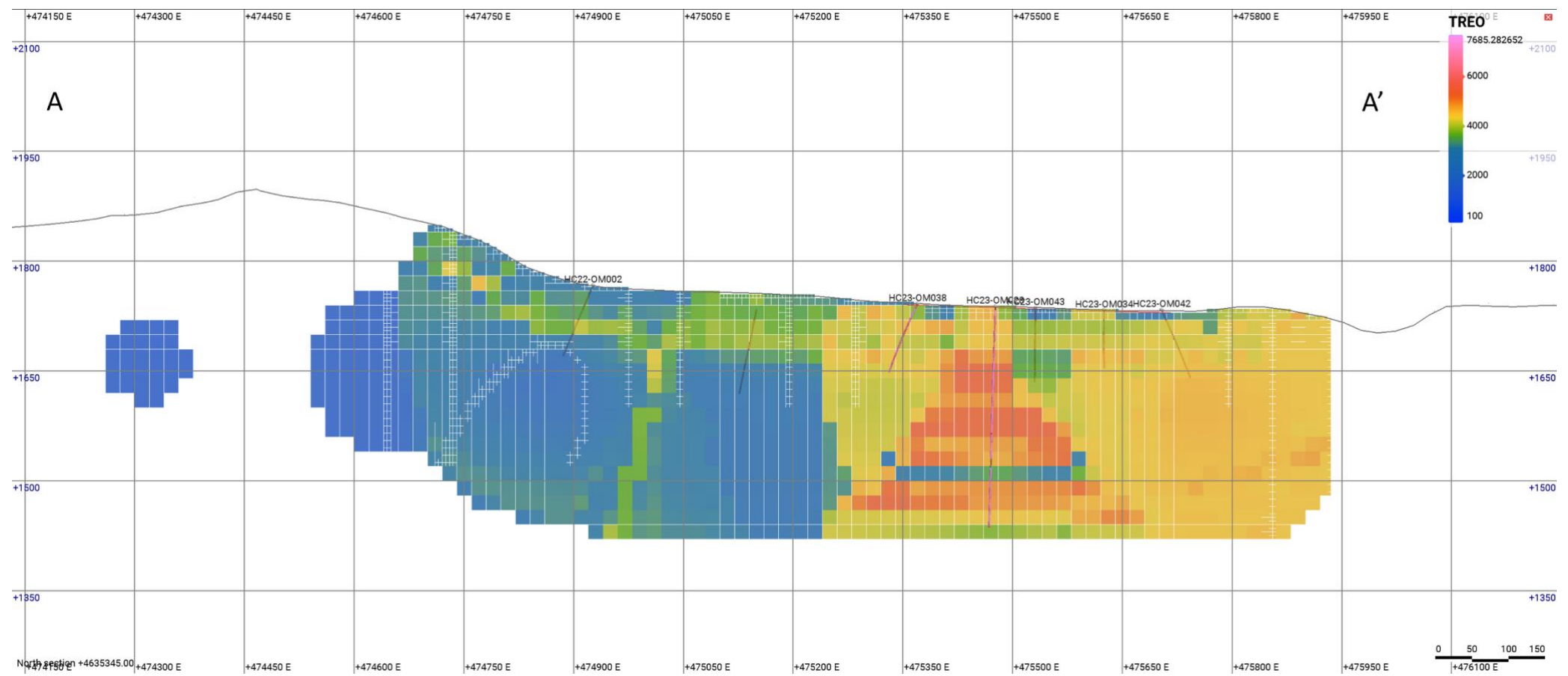


Figure 6 - Corresponding TREO cross section incorporating new drill data: B to B'

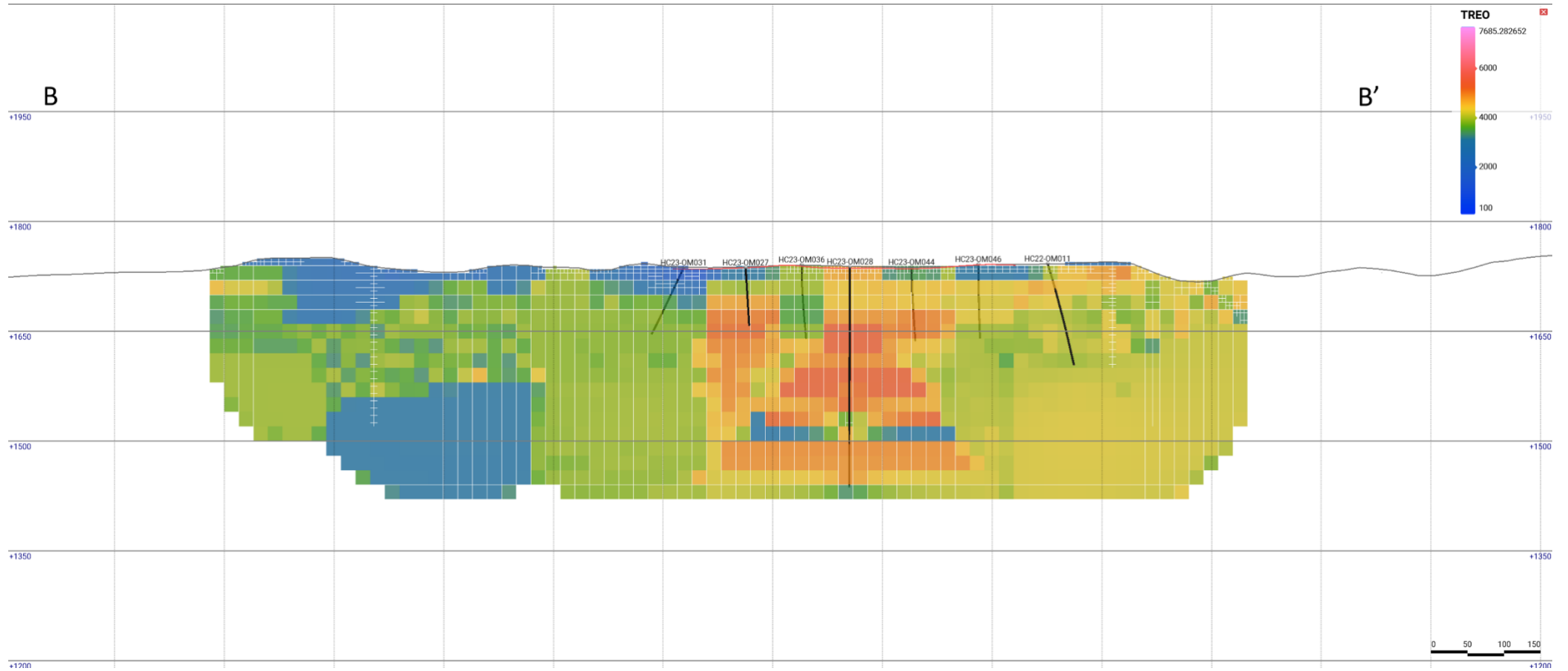
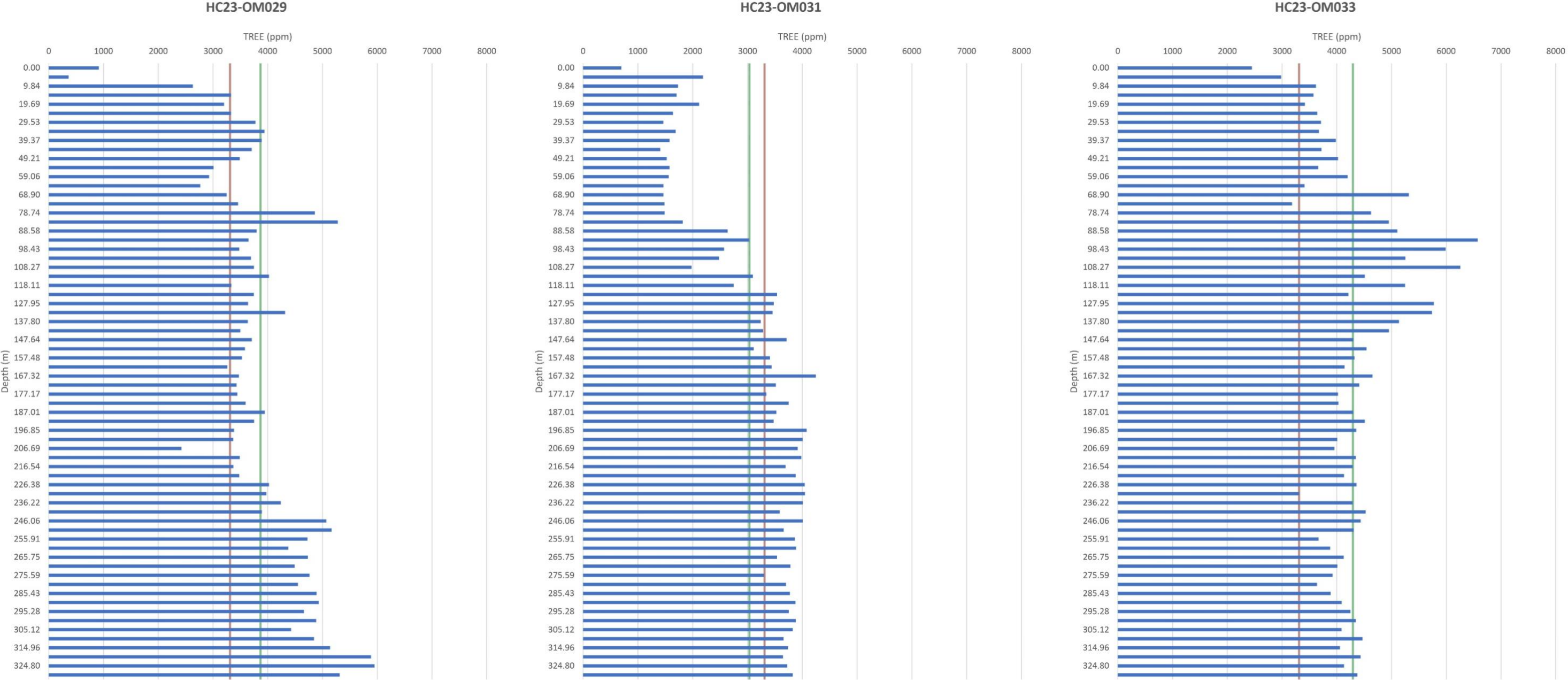


Figure 7 - Histogram logs of TREO vs. depth for HC23-OM029, HC23-OM031, and HC23-OM33



*Red line represents previous resource estimate deposit average (3,309 ppm TREO); green line represents average from entire hole

Figure 8 - Histogram logs of TREO vs. depth for HC23-OM035, HC23-OM036, and HC23-OM038



*Red line represents previous resource estimate deposit average (3,309 ppm TREO); green line represents average from entire hole

Figure 9 - Histogram logs of TREO vs. depth for HC23-OM040, HC23-OM041, and HC23-OM042



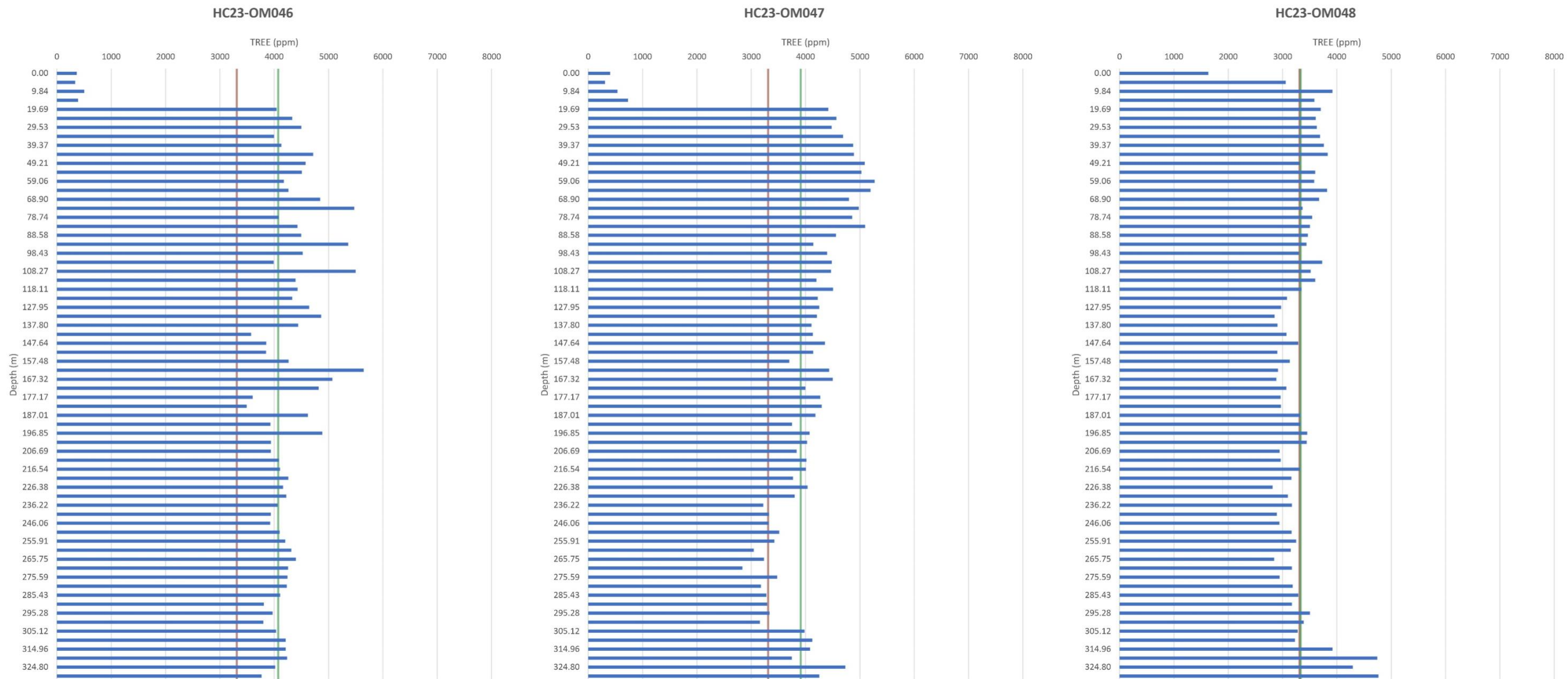
*Red line represents previous resource estimate deposit average (3,309 ppm TREO); green line represents average from entire hole

Figure 10 - Histogram logs of TREO vs. depth for HC23-OM043, HC23-OM044, and HC23-OM045



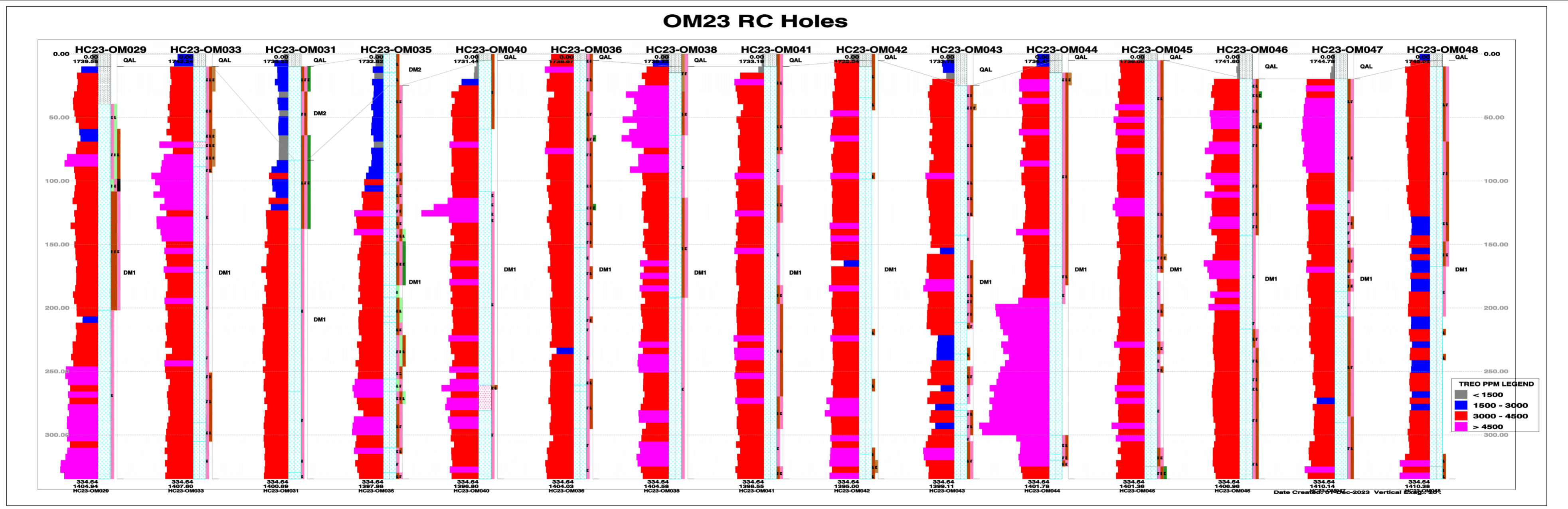
*Red line represents previous resource estimate deposit average (3,309 ppm TREO); green line represents average from entire hole

Figure 11 - Histogram logs of TREO vs. depth for HC23-OM046, HC23-OM047, and HC23-OM048



*Red line represents previous resource estimate deposit average (3,309 ppm TREO); green line represents average from entire hole

Figure 12 – Fence diagram of 2023 core and RC holes with assays



Competent Persons Statement: The information in this document is based on information compiled by personnel under the direction of Mr. Dwight Kinnes. This work was reviewed and approved for release by Mr Dwight Kinnes (Society of Mining Engineers #4063295RM) who 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 Limited:

[American Rare Earths](#) (ASX: ARR | ADRs - OTCQX: AMRRY | Common Shares - OTCQB: ARRF) owns the Halleck Creek, WY and La Paz, AZ rare earth deposits which have the potential to become the largest and most sustainable rare earth projects in North America. American Rare Earths is developing environmentally friendly and cost-effective extraction and processing methods to meet the rapidly increasing demand for resources essential to the clean energy transition and US national security. The Company continues to evaluate other exploration opportunities and is collaborating with US Government-supported R&D to develop efficient processing and separation techniques of rare earth elements to help ensure a renewable future.

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Appendix A – 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 15 reverse circulation (RC) holes and eight HQ-sized diamond core holes between September and October 2023. All RC holes were 102 meters (334.65 feet) deep, with seven core holes at 80 meters (262.47 feet) and one deep core hole at 302 m (990.81 feet). RC chip samples were collected at a 1.5-meter (4.92 ft) continuous interval via rotary splitter. Rock core was divided into sample lengths of 1.5 m (4.92 feet) long and at key lithological breaks. ARR drilled 38 reverse circulation (RC) holes across the Halleck Creek Resource Claim area between October and December 2022. 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. A total of 734 surface rock samples exist in the Halleck Creek database. Surface rock samples collected by ARR are logged, photographed and located using handheld GPS units.

		As part of reverse circulation (RC) and diamond core exploration drilling at Halleck Creek, ARR collected XRF readings on RC chip and core 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 20-meter intervals down each drill hole. These values are qualitative in nature and provide only rough indications of grade.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	For the April 2022 core drilling program, core recoveries and RQDs were calculated by ARR field geologists. The same was done for the Fall 2023 program with the addition of detailed geotechnical logging.
	<i>Aspects of the determination of mineralisation that are Material to the Public Report.</i>	The Red Mountain Pluton (RMP) of the Halleck Creek Rare Earths Project is a distinctly layered monzonitic to syenitic body which exhibits significant and widespread REE enrichment. Enrichment is dependent on allanite abundance, a sorosilicate of the epidote group. Allanite occurs in all three units of the RMP, the clinopyroxene quartz monzonite, the biotite-hornblende quartz syenite, and the fayalite monzonite, in variable abundances.
	<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 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 for the Spring 2022 program, and ALS Laboratories in BC, Canada.

		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. ALS analysis: ME-MS81. Core samples were first sent to ALS in Reno, NV, for cutting and preparation, and also sent to Vancouver, BC for the same suite of test work.
Drilling techniques	<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 15 RC drill holes from the Fall 2023 program. A continuous rotary sample splitter was used to collect the RC samples at 1.5m intervals. Total drilled depth of 3,011.81 ft (1,530 m). Core, fall 2023: HQ, diamond tip, 5 ft (1.52 m) runs, unoriented. Total drilled depth of 2,816.60 ft (858.5 m).
Drill sample recovery	<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 drill core was visually logged, measured, and photographed by ARR geologists. Drill core was collected in lengths (runs) of 5 ft (1.52 m). Recoveries were calculated for each core run. Each rock sample was described, photographed with its location determined using handheld GPS.
	<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
Logging	<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 via XRF. 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>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. Core logging is quantitative in nature. All core was photographed.
	<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.
Sub-sampling techniques and sample preparation	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	RC chip samples were not cut. Drill core was fillet cut by ALS Laboratories with approximately 1/2 of the core used for assay. The remaining core material will be kept in reserve by ALS until sent for future metallurgical testwork.

	<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. ALS labs dried wet samples using their DRY-21 drying process.
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	RC samples were taken from pulverize splits of up to 250 g to better than 85 % passing minus 75 microns. All core samples were dry. Sample preparation: 1kg samples split to 250g for pulverising to -75 microns. Sample analysis: 0.5g charge assayed by ICP-MS technique. Both sampling methods are considered appropriate for the type of material collected and are considered industry standard.
	<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. Each CRM blank, REE standard, and duplicate were rotated into both the RC and core sampling process every 20 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>	RC samples were collected using a continuous feed rotary split sampler. Fillet cuts along the entire length of all core are representative of the in-situ material.
	<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.
<i>Quality of assay data and laboratory tests</i>	<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 32 elements by lithium borate fusion and ICP-MS (ME-MS81). For quantitative results of all elements, including those encapsulated in resistive minerals. These assays include all rare earth elements.

		AAL Labs uses 5-acid digestion and 48 element analysis including REE reported in ppm using method REE-5AO48 and whole-rock geochemical XRF analysis using method X-LIB15.
	<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 photographed 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. Seven of the core holes received ATV/OTV logging as well as slim hole induction which recorded natural gamma and conductivity/resistivity. All geophysical logging was completed by Century Geophysical located in Gillette, WY. All tools were properly calibrated prior to logging.
	<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. The same was done for the core drilling completed Fall 2023. ALS Laboratories will additionally incorporate their own Qa/Qc procedure. For core drilling completed Spring 2022, 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. Internal laboratory blanks and standards will additionally be inserted during analysis.
<i>Verification of sampling and assaying</i>	<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. Consulting company personnel have observed the assayed core samples. Company personnel sampled the entire length of each hole.

	<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 from the RC samples was imported into the database directly from electronic spreadsheets sent to ARR from ALS. Core assay data was received electronically from AAL labs. These raw data as elements reported ppm were imported into the database with no adjustments.
	<i>Discuss any adjustment to assay data.</i>	Assay data is stored in the database in elemental form. Reporting of 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. Drill hole location is based on GPS coordinates +/- 10 ft (3 m) accuracy.
	<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>	The Fall 2023 program included drill hole spacing at 100 m resolution. For previous programs, holes were 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>	Data from the Fall 2023 program will be at a high enough resolution to provide a measured resource at the Overton Mountain project area.
	<i>Whether sample compositing has been applied.</i>	Each sample is the result of assaying a 5 ft interval of core or 1.5 m RC interval.
<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>	Mineralization at Halleck Creek is a function of fractional crystallization of allanite in syenitic rocks of the Red Mountain Pluton. Mineralization is not structurally controlled and exploration drilling to date does not reveal any preferential mineralization related to geologic structures. Therefore, orientation of drilling does not bias sampling.
	<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>	Orientation of drilling does not bias sampling.
<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 core was collected from the drill rig daily and stored in a secure, locked facility until the core was dispatched by bonded courier to ALS Laboratories. Chains of custody were maintained at all times. All rock samples were in the direct control of company geologists until dispatched to American Assay 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.	ARR acquired 5 unpatented federal lode claims on BLM US Federal Land totalling 71.6 acres (29 has) from Zenith Minerals, Ltd (Zenith). in 2021. 67 unpatented federal lode claims were staked by ARR that totalled 1193.3 acres (482 ha) in summer 2021. ARR staked 182 unpatented federal lode claims in March 2022 covering an area of approximately 3,088 acres (1,250 ha). ARR staked 118 unpatented federal lode claims in November 2022 covering an area of approximately 2,113 acres (855 ha). As of December 31, 2022, ARR 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 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 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:	For the Fall 2023 program, FTE DRILLING USA INC. of Mount Uniacke, Nova Scotia used a Schraam T-450 track mounted rig to drill 15 reverse circulation drill holes. Drill hole depths for 37 holes was 102 m. FTE also utilized an enclosed Versa-Drilling diamond core rig to drill eight HQ-sized core holes.

		For the Fall 2022 program, FTE DRILLING USA INC. of Mount Uniacke, Nova Scotia used a Schraam T-450 track mounted rig to drill 37 reverse circulation drill holes. Drill hole depths for 37 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>	Drilling information from the Fall 2022 drilling campaign is presented in detail in the "Technical Report of Exploration and Maiden Resource Estimates of the Halleck Creek Rare Earths Project", March 2023. Drilling information from the Fall 2023 campaign will be published in an updated, upcoming report.
	<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 each 5 ft (1.52 m) sample interval.
	<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>	Allanite mineralization observed at Halleck Creek occurs uniformly throughout the CQM and BHS rocks of within the Red Mountain Pluton. Therefore, the geometry of mineralisation does not vary with drill hole orientation or angle within homogeneous rock types.
<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>	Location information is presented in detail in the "Technical Report of Exploration and Maiden Resource Estimates of the Halleck Creek Rare Earths Project", March 2023
<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>	The latest exploration results reported in "Mapping and Surface Sampling Summary at the Halleck Creek Project Area: April 2022". All relevant information for this section can be found in Table 1 in the "Technical Report of Exploration and Maiden Resource Estimates of the Halleck Creek Rare Earths Project", March 2023
<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.

Further work	<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 is planned to increase the area of the project, and to increase confidence levels of resources. Geological mapping and surface sampling will also be performed to define and prioritize drilling targets.
	<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.

Section 3 Estimation and Reporting of Mineral Resources		
(Criteria listed in the preceding section also apply to this section.)		
Criteria	JORC Code explanation	Commentary
Database integrity	<i>Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.</i> <i>Data validation procedures used.</i>	Drill hole data header, lithologic data checked by field geologists and by visual examination on maps and drill hole striplogs. Assay and Qa/Qc data were imported into the database directly from electronic spreadsheets provide by laboratories. Histograms graphical logs were also prepared and reviewed by ARR geologists.
Site visits	<i>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</i> <i>If no site visits have been undertaken indicate why this is the case.</i>	Mr. Dwight Kinnes visited the Halleck Creek site during the RC and core drilling projects. Mr. Jim Guilinger has not visited the site during the RC and core drilling projects. ARR will facilitate a site visit during the 2023 calendar year. Mr. Alf Gliman has not visited the site during the RC and core drilling projects. Mr. Gilman resides in Perth, Western Australia. Site visits to the project have so far been logistically difficult and very expensive.
Geological interpretation	<i>Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.</i> <i>Nature of the data used and of any assumptions made.</i> <i>The effect, if any, of alternative interpretations on Mineral Resource estimation.</i>	The Halleck Creek RE deposit is contained with rocks of the Red Mountain Pluton. These rocks consist primarily of clinopyroxene quartz monzonite (CQM), and biotite hornblende syenite (BHS). These two lithologies are difficult to visually distinguish. However, the concentration of rare earth elements is observable between lithologies.

	<i>The use of geology in guiding and controlling Mineral Resource estimation.</i> <i>The factors affecting continuity both of grade and geology.</i>	Rocks of the Elmers Rock Greenstone Belt (ERGB) and the Sybille (Syb) intrusion are easily distinguishable from rocks of the RMP. These rock units are essentially barren of rare earth elements. Therefore, the confidence in discerning rocks of the RMP from is high. The extent of the RMP relative to other units was outlined into modelling domains used for resource estimates. The distribution of allanite throughout CQM and BHS rocks of the RMP is generally uniform and is not structurally controlled. Potassic alternation observed does not appear to affect the grade of allanite throughout the deposit.
Dimensions	<i>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</i>	The Halleck Creek REE project currently contains two primary resource areas: the Red Mountain area and the Overton Mountain area. Resources also extend into the Bluegrass resource area. The Red Mountain resource area is bounded to the west by the ERGB, and to the south by the Syb. Further exploration is needed to determine the extent to the north and two the east. RC samples with TREO grades exceeding 1,500 ppm occurred at the base of 37 drill holes in the Red Mountain resource area extending down to depths of 150m with one hole extending to a depth of 175.5m. Therefore, ARR considers the Red Mountain resource area to be open at depth. The Overton Mountain resource area is bounded to the west by mineral claims, and therefore, remains open to the west. Lower grade BHS rocks occur at the northern end of Overton Mountain. Drilling data to the east and south indicate that the Overton Mountain resource area remains open across Bluegrass Creek. Like the Red Mountain drilling, RC samples at Overton Mountain contained TREO assay values exceeding 3,500 ppm to depths of 150m in 18 holes. Therefore, ARR considers the Overton Mountain resource area to be open at depth.

<i>Estimation and modelling techniques</i>	<i>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</i> <i>The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.</i> <i>The assumptions made regarding recovery of by-products.</i> <i>Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).</i> <i>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</i> <i>Any assumptions behind modelling of selective mining units.</i> <i>Any assumptions about correlation between variables.</i> <i>Description of how the geological interpretation was used to control the resource estimates.</i> <i>Discussion of basis for using or not using grade cutting or capping.</i> <i>The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.</i>	Relevant information is presented in detail in the "Technical Report of Exploration and Maiden Resource Estimates of the Halleck Creek Rare Earths Project", March 2023
<i>Moisture</i>	<i>Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.</i>	Tonnages are based on dry basis.
<i>Cut-off parameters</i>	<i>The basis of the adopted cut-off grade(s) or quality parameters applied.</i>	Currently a subjective cut-off grade of 1,500 ppm TREO was applied to reported resource estimates. Ongoing metallurgical testwork and

		upcoming conceptual planning will provide input to determine a net smelter return.
<i>Mining factors or assumptions</i>	<i>Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.</i>	No mine plan or design has been prepared at this stage however the shallow nature of the deposit assumes extraction by open pit mining methods.
<i>Metallurgical factors or assumptions</i>	<i>The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.</i>	ARR is performing preliminary metallurgical test work at Halleck Creek.
<i>Environmental factors or assumptions</i>	<i>Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.</i>	ARR is in the process of outlining environmental, social, and community impacts regarding the potential development of the project. These impacts are being included in conceptual designs of all facets of the project.

<i>Bulk density</i>	<i>Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.</i> <i>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.</i> <i>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</i>	An average specific gravity of 2.70 represents the in-place ore material at Halleck Creek based on hydrostatic testing.
<i>Classification</i>	<i>The basis for the classification of the Mineral Resources into varying confidence categories.</i> <i>Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</i> <i>Whether the result appropriately reflects the Competent Person's view of the deposit.</i>	The basis of classification of mineral resources was based on geostatistical analysis of variograms of rare earth elements. The variographic results showed a resource boundary based on 90% of sill range of approximately 325-meters is applicable at Halleck Creek. These results do reflect the CP's view of the project.
<i>Audits or reviews</i>	<i>The results of any audits or reviews of Mineral Resource estimates.</i>	There have not been any audits of mineral resource estimates.
<i>Discussion of relative accuracy/ confidence</i>	<i>Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</i> <i>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be</i>	Reported resources for Halleck Creek are in-place global estimates of tonnage and rare earth grade. The basis of classification of mineral resources was based on geostatistical analysis of variograms of rare earth elements. Within the confines of the available data resource estimates should be accurate for a maiden resource estimate.

	<i>relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</i> <i>These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</i>	
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Appendix B – Detailed assay data from RC holes

*Units in ppm

DHID	Sample ID	From (m)	To (m)	TREO	HREO	MREO	LREO
HC23-OM029	M032501	0.00	1.50	913.00	127.00	233.00	786.00
HC23-OM029	M032502	1.50	3.00	362.00	58.00	92.00	304.00
HC23-OM029	M032503	3.00	4.50	2631.00	259.00	670.00	2372.00
HC23-OM029	M032504	4.50	6.00	3328.00	320.00	863.00	3008.00
HC23-OM029	M032505	6.00	7.50	3201.00	350.00	837.00	2851.00
HC23-OM029	M032506	7.50	9.00	3328.00	340.00	892.00	2988.00
HC23-OM029	M032507	9.00	10.50	3775.00	373.00	1023.00	3402.00
HC23-OM029	M032508	10.50	12.00	3940.00	386.00	1063.00	3554.00
HC23-OM029	M032509	12.00	13.50	3889.00	399.00	1052.00	3490.00
HC23-OM029	M032510	13.50	15.00	3706.00	386.00	1004.00	3320.00
HC23-OM029	M032511	15.00	16.50	3487.00	370.00	945.00	3117.00
HC23-OM029	M032512	16.50	18.00	3008.00	343.00	823.00	2665.00
HC23-OM029	M032513	18.00	19.50	2928.00	411.00	817.00	2517.00
HC23-OM029	M032514	19.50	21.00	2766.00	378.00	760.00	2388.00
HC23-OM029	M032515	21.00	22.50	3249.00	419.00	878.00	2830.00
HC23-OM029	M032516	22.50	24.00	3458.00	403.00	927.00	3055.00
HC23-OM029	M032517	24.00	25.50	4859.00	460.00	1327.00	4399.00
HC23-OM029	M032518	25.50	27.00	5279.00	527.00	1449.00	4752.00
HC23-OM029	M032519	27.00	28.50	3798.00	388.00	1017.00	3410.00
HC23-OM029	M032521	28.50	30.00	3649.00	376.00	975.00	3273.00
HC23-OM029	M032522	30.00	31.50	3480.00	358.00	922.00	3122.00
HC23-OM029	M032523	31.50	33.00	3692.00	374.00	983.00	3318.00
HC23-OM029	M032524	33.00	34.50	3747.00	370.00	1000.00	3377.00
HC23-OM029	M032525	34.50	36.00	4023.00	386.00	1072.00	3637.00
HC23-OM029	M032526	36.00	37.50	3336.00	331.00	888.00	3005.00
HC23-OM029	M032527	37.50	39.00	3746.00	379.00	1002.00	3367.00
HC23-OM029	M032528	39.00	40.50	3639.00	364.00	965.00	3275.00
HC23-OM029	M032529	40.50	42.00	4316.00	426.00	1145.00	3890.00
HC23-OM029	M032530	42.00	43.50	3635.00	371.00	962.00	3264.00
HC23-OM029	M032531	43.50	45.00	3498.00	358.00	930.00	3140.00
HC23-OM029	M032532	45.00	46.50	3708.00	384.00	990.00	3324.00
HC23-OM029	M032533	46.50	48.00	3582.00	373.00	951.00	3209.00
HC23-OM029	M032534	48.00	49.50	3528.00	370.00	949.00	3158.00
HC23-OM029	M032535	49.50	51.00	3260.00	338.00	865.00	2922.00
HC23-OM029	M032536	51.00	52.50	3474.00	358.00	924.00	3116.00
HC23-OM029	M032537	52.50	54.00	3429.00	354.00	911.00	3075.00
HC23-OM029	M032538	54.00	55.50	3444.00	351.00	917.00	3093.00
HC23-OM029	M032539	55.50	57.00	3594.00	354.00	955.00	3240.00
HC23-OM029	M032541	57.00	58.50	3947.00	390.00	1048.00	3557.00
HC23-OM029	M032542	58.50	60.00	3749.00	357.00	1008.00	3392.00

HC23-OM029	M032543	60.00	61.50	3384.00	336.00	907.00	3048.00
HC23-OM029	M032544	61.50	63.00	3367.00	335.00	895.00	3032.00
HC23-OM029	M032545	63.00	64.50	2423.00	244.00	641.00	2179.00
HC23-OM029	M032546	64.50	66.00	3489.00	353.00	926.00	3136.00
HC23-OM029	M032547	66.00	67.50	3373.00	338.00	900.00	3035.00
HC23-OM029	M032548	67.50	69.00	3477.00	346.00	932.00	3131.00
HC23-OM029	M032549	69.00	70.50	4021.00	388.00	1075.00	3633.00
HC23-OM029	M032550	70.50	72.00	3974.00	373.00	1060.00	3601.00
HC23-OM029	M032551	72.00	73.50	4238.00	407.00	1144.00	3831.00
HC23-OM029	M032552	73.50	75.00	3892.00	363.00	1037.00	3529.00
HC23-OM029	M032553	75.00	76.50	5070.00	476.00	1376.00	4594.00
HC23-OM029	M032554	76.50	78.00	5166.00	483.00	1409.00	4683.00
HC23-OM029	M032555	78.00	79.50	4727.00	442.00	1272.00	4285.00
HC23-OM029	M032556	79.50	81.00	4374.00	407.00	1171.00	3967.00
HC23-OM029	M032557	81.00	82.50	4734.00	433.00	1272.00	4301.00
HC23-OM029	M032558	82.50	84.00	4490.00	404.00	1201.00	4086.00
HC23-OM029	M032559	84.00	85.50	4763.00	425.00	1294.00	4338.00
HC23-OM029	M032560	85.50	87.00	4551.00	417.00	1228.00	4134.00
HC23-OM029	M032562	87.00	88.50	4891.00	436.00	1323.00	4455.00
HC23-OM029	M032563	88.50	90.00	4932.00	439.00	1342.00	4493.00
HC23-OM029	M032564	90.00	91.50	4661.00	420.00	1253.00	4241.00
HC23-OM029	M032565	91.50	93.00	4885.00	444.00	1305.00	4441.00
HC23-OM029	M032566	93.00	94.50	4426.00	374.00	1177.00	4052.00
HC23-OM029	M032567	94.50	96.00	4846.00	434.00	1294.00	4412.00
HC23-OM029	M032568	96.00	97.50	5138.00	468.00	1397.00	4670.00
HC23-OM029	M032569	97.50	99.00	5886.00	524.00	1587.00	5362.00
HC23-OM029	M032570	99.00	100.50	5950.00	559.00	1614.00	5391.00
HC23-OM029	M032571	100.50	102.00	5314.00	506.00	1439.00	4808.00
HC23-OM031	M032572	0.00	1.50	696.00	98.00	180.00	598.00
HC23-OM031	M032573	1.50	3.00	2189.00	360.00	546.00	1829.00
HC23-OM031	M032574	3.00	4.50	1732.00	294.00	424.00	1438.00
HC23-OM031	M032575	4.50	6.00	1706.00	334.00	418.00	1372.00
HC23-OM031	M032576	6.00	7.50	2118.00	335.00	535.00	1783.00
HC23-OM031	M032577	7.50	9.00	1639.00	348.00	427.00	1291.00
HC23-OM031	M032578	9.00	10.50	1464.00	316.00	381.00	1148.00
HC23-OM031	M032579	10.50	12.00	1688.00	371.00	443.00	1317.00
HC23-OM031	M032581	12.00	13.50	1577.00	360.00	425.00	1217.00
HC23-OM031	M032582	13.50	15.00	1409.00	328.00	382.00	1081.00
HC23-OM031	M032583	15.00	16.50	1525.00	320.00	395.00	1205.00
HC23-OM031	M032584	16.50	18.00	1578.00	346.00	411.00	1232.00
HC23-OM031	M032585	18.00	19.50	1562.00	375.00	417.00	1187.00
HC23-OM031	M032586	19.50	21.00	1465.00	341.00	379.00	1124.00
HC23-OM031	M032587	21.00	22.50	1465.00	363.00	390.00	1102.00
HC23-OM031	M032588	22.50	24.00	1484.00	391.00	414.00	1093.00

HC23-OM031	M032589	24.00	25.50	1489.00	377.00	402.00	1112.00
HC23-OM031	M032590	25.50	27.00	1817.00	376.00	508.00	1441.00
HC23-OM031	M032591	27.00	28.50	2636.00	419.00	732.00	2217.00
HC23-OM031	M032592	28.50	30.00	3031.00	410.00	832.00	2621.00
HC23-OM031	M032593	30.00	31.50	2571.00	373.00	706.00	2198.00
HC23-OM031	M032594	31.50	33.00	2481.00	336.00	670.00	2145.00
HC23-OM031	M032595	33.00	34.50	1978.00	303.00	532.00	1675.00
HC23-OM031	M032596	34.50	36.00	3097.00	344.00	802.00	2753.00
HC23-OM031	M032597	36.00	37.50	2747.00	338.00	725.00	2409.00
HC23-OM031	M032598	37.50	39.00	3539.00	370.00	927.00	3169.00
HC23-OM031	M032599	39.00	40.50	3478.00	357.00	912.00	3121.00
HC23-OM031	M032601	40.50	42.00	3457.00	367.00	916.00	3090.00
HC23-OM031	M032602	42.00	43.50	3239.00	335.00	861.00	2904.00
HC23-OM031	M032603	43.50	45.00	3286.00	341.00	875.00	2945.00
HC23-OM031	M032604	45.00	46.50	3713.00	387.00	992.00	3326.00
HC23-OM031	M032605	46.50	48.00	3115.00	341.00	823.00	2774.00
HC23-OM031	M032606	48.00	49.50	3409.00	379.00	913.00	3030.00
HC23-OM031	M032607	49.50	51.00	3442.00	357.00	914.00	3085.00
HC23-OM031	M032608	51.00	52.50	4246.00	432.00	1155.00	3814.00
HC23-OM031	M032609	52.50	54.00	3517.00	367.00	931.00	3150.00
HC23-OM031	M032610	54.00	55.50	3344.00	351.00	893.00	2993.00
HC23-OM031	M032611	55.50	57.00	3750.00	382.00	990.00	3368.00
HC23-OM031	M032612	57.00	58.50	3526.00	369.00	943.00	3157.00
HC23-OM031	M032613	58.50	60.00	3476.00	358.00	923.00	3118.00
HC23-OM031	M032614	60.00	61.50	4080.00	386.00	1117.00	3694.00
HC23-OM031	M032615	61.50	63.00	4007.00	365.00	1098.00	3642.00
HC23-OM031	M032616	63.00	64.50	3916.00	375.00	1067.00	3541.00
HC23-OM031	M032617	64.50	66.00	3984.00	374.00	1080.00	3610.00
HC23-OM031	M032618	66.00	67.50	3694.00	348.00	995.00	3346.00
HC23-OM031	M032619	67.50	69.00	3878.00	382.00	1064.00	3496.00
HC23-OM031	M032620	69.00	70.50	4046.00	395.00	1103.00	3651.00
HC23-OM031	M032622	70.50	72.00	4048.00	390.00	1112.00	3658.00
HC23-OM031	M032623	72.00	73.50	4009.00	389.00	1088.00	3620.00
HC23-OM031	M032624	73.50	75.00	3587.00	347.00	976.00	3240.00
HC23-OM031	M032625	75.00	76.50	4008.00	407.00	1094.00	3601.00
HC23-OM031	M032626	76.50	78.00	3660.00	359.00	1000.00	3301.00
HC23-OM031	M032627	78.00	79.50	3863.00	366.00	1050.00	3497.00
HC23-OM031	M032628	79.50	81.00	3887.00	369.00	1053.00	3518.00
HC23-OM031	M032629	81.00	82.50	3538.00	335.00	965.00	3203.00
HC23-OM031	M032630	82.50	84.00	3782.00	338.00	1022.00	3444.00
HC23-OM031	M032631	84.00	85.50	3305.00	316.00	898.00	2989.00
HC23-OM031	M032632	85.50	87.00	3701.00	354.00	997.00	3347.00
HC23-OM031	M032633	87.00	88.50	3773.00	380.00	1014.00	3393.00
HC23-OM031	M032634	88.50	90.00	3875.00	376.00	1050.00	3499.00

HC23-OM031	M032635	90.00	91.50	3753.00	365.00	1010.00	3388.00
HC23-OM031	M032636	91.50	93.00	3880.00	392.00	1048.00	3488.00
HC23-OM031	M032637	93.00	94.50	3826.00	361.00	1030.00	3465.00
HC23-OM031	M032638	94.50	96.00	3659.00	355.00	984.00	3304.00
HC23-OM031	M032639	96.00	97.50	3741.00	377.00	1004.00	3364.00
HC23-OM031	M032641	97.50	99.00	3646.00	349.00	969.00	3297.00
HC23-OM031	M032642	99.00	100.50	3723.00	358.00	999.00	3365.00
HC23-OM031	M032643	100.50	102.00	3825.00	370.00	1027.00	3455.00
HC23-OM033	M032644	0.00	1.50	2449.00	259.00	662.00	2190.00
HC23-OM033	M032645	1.50	3.00	2982.00	228.00	790.00	2754.00
HC23-OM033	M032646	3.00	4.50	3620.00	285.00	948.00	3335.00
HC23-OM033	M032647	4.50	6.00	3574.00	278.00	932.00	3296.00
HC23-OM033	M032648	6.00	7.50	3417.00	277.00	889.00	3140.00
HC23-OM033	M032649	7.50	9.00	3643.00	300.00	961.00	3343.00
HC23-OM033	M032650	9.00	10.50	3710.00	331.00	1007.00	3379.00
HC23-OM033	M032651	10.50	12.00	3673.00	354.00	1001.00	3319.00
HC23-OM033	M032652	12.00	13.50	3984.00	392.00	1097.00	3592.00
HC23-OM033	M032653	13.50	15.00	3720.00	371.00	1031.00	3349.00
HC23-OM033	M032654	15.00	16.50	4022.00	408.00	1117.00	3614.00
HC23-OM033	M032655	16.50	18.00	3661.00	370.00	1012.00	3291.00
HC23-OM033	M032656	18.00	19.50	4199.00	394.00	1159.00	3805.00
HC23-OM033	M032657	19.50	21.00	3410.00	298.00	900.00	3112.00
HC23-OM033	M032658	21.00	22.50	5317.00	541.00	1526.00	4776.00
HC23-OM033	M032659	22.50	24.00	3182.00	326.00	856.00	2856.00
HC23-OM033	M032661	24.00	25.50	4625.00	445.00	1269.00	4180.00
HC23-OM033	M032662	25.50	27.00	4950.00	470.00	1342.00	4480.00
HC23-OM033	M032663	27.00	28.50	5103.00	455.00	1407.00	4648.00
HC23-OM033	M032664	28.50	30.00	6575.00	555.00	1784.00	6020.00
HC23-OM033	M032665	30.00	31.50	5990.00	530.00	1649.00	5460.00
HC23-OM033	M032666	31.50	33.00	5253.00	555.00	1395.00	4698.00
HC23-OM033	M032667	33.00	34.50	6256.00	590.00	1688.00	5666.00
HC23-OM033	M032668	34.50	36.00	4512.00	417.00	1194.00	4095.00
HC23-OM033	M032669	36.00	37.50	5249.00	472.00	1393.00	4777.00
HC23-OM033	M032670	37.50	39.00	4211.00	382.00	1099.00	3829.00
HC23-OM033	M032671	39.00	40.50	5774.00	521.00	1531.00	5253.00
HC23-OM033	M032672	40.50	42.00	5739.00	504.00	1511.00	5235.00
HC23-OM033	M032673	42.00	43.50	5135.00	463.00	1362.00	4672.00
HC23-OM033	M032674	43.50	45.00	4954.00	493.00	1305.00	4461.00
HC23-OM033	M032675	45.00	46.50	4300.00	373.00	1118.00	3927.00
HC23-OM033	M032676	46.50	48.00	4541.00	389.00	1188.00	4152.00
HC23-OM033	M032677	48.00	49.50	4323.00	388.00	1129.00	3935.00
HC23-OM033	M032678	49.50	51.00	4141.00	387.00	1086.00	3754.00
HC23-OM033	M032679	51.00	52.50	4651.00	430.00	1219.00	4221.00
HC23-OM033	M032680	52.50	54.00	4412.00	381.00	1155.00	4031.00

HC23-OM033	M032682	54.00	55.50	4023.00	336.00	1061.00	3687.00
HC23-OM033	M032683	55.50	57.00	4029.00	343.00	1064.00	3686.00
HC23-OM033	M032684	57.00	58.50	4297.00	351.00	1130.00	3946.00
HC23-OM033	M032685	58.50	60.00	4512.00	365.00	1189.00	4147.00
HC23-OM033	M032686	60.00	61.50	4353.00	357.00	1132.00	3996.00
HC23-OM033	M032687	61.50	63.00	4009.00	329.00	1034.00	3680.00
HC23-OM033	M032688	63.00	64.50	3955.00	344.00	1033.00	3611.00
HC23-OM033	M032689	64.50	66.00	4350.00	379.00	1143.00	3971.00
HC23-OM033	M032690	66.00	67.50	4293.00	394.00	1122.00	3899.00
HC23-OM033	M032691	67.50	69.00	4131.00	377.00	1089.00	3754.00
HC23-OM033	M032692	69.00	70.50	4361.00	393.00	1134.00	3968.00
HC23-OM033	M032693	70.50	72.00	3312.00	298.00	865.00	3014.00
HC23-OM033	M032694	72.00	73.50	4292.00	381.00	1134.00	3911.00
HC23-OM033	M032695	73.50	75.00	4528.00	406.00	1192.00	4122.00
HC23-OM033	M032696	75.00	76.50	4436.00	399.00	1176.00	4037.00
HC23-OM033	M032697	76.50	78.00	4309.00	375.00	1126.00	3934.00
HC23-OM033	M032698	78.00	79.50	3665.00	317.00	960.00	3348.00
HC23-OM033	M032699	79.50	81.00	3878.00	336.00	1017.00	3542.00
HC23-OM033	M032701	81.00	82.50	4126.00	349.00	1126.00	3777.00
HC23-OM033	M032702	82.50	84.00	4010.00	337.00	1088.00	3673.00
HC23-OM033	M032703	84.00	85.50	3924.00	357.00	1070.00	3567.00
HC23-OM033	M032704	85.50	87.00	3637.00	390.00	986.00	3247.00
HC23-OM033	M032705	87.00	88.50	3886.00	354.00	1041.00	3532.00
HC23-OM033	M032706	88.50	90.00	4088.00	321.00	1093.00	3767.00
HC23-OM033	M032707	90.00	91.50	4248.00	354.00	1137.00	3894.00
HC23-OM033	M032708	91.50	93.00	4350.00	385.00	1172.00	3965.00
HC23-OM033	M032709	93.00	94.50	4086.00	387.00	1106.00	3699.00
HC23-OM033	M032710	94.50	96.00	4470.00	416.00	1219.00	4054.00
HC23-OM033	M032711	96.00	97.50	4056.00	384.00	1107.00	3672.00
HC23-OM033	M032712	97.50	99.00	4433.00	404.00	1204.00	4029.00
HC23-OM033	M032713	99.00	100.50	4131.00	367.00	1123.00	3764.00
HC23-OM033	M032714	100.50	102.00	4374.00	417.00	1189.00	3957.00
HC23-OM035	M032715	0.00	1.50	1302.00	267.00	337.00	1035.00
HC23-OM035	M032716	1.50	3.00	1226.00	275.00	328.00	951.00
HC23-OM035	M032717	3.00	4.50	1668.00	305.00	434.00	1363.00
HC23-OM035	M032718	4.50	6.00	1425.00	279.00	375.00	1146.00
HC23-OM035	M032719	6.00	7.50	1788.00	346.00	484.00	1442.00
HC23-OM035	M032721	7.50	9.00	1505.00	328.00	417.00	1177.00
HC23-OM035	M032722	9.00	10.50	1549.00	362.00	415.00	1187.00
HC23-OM035	M032723	10.50	12.00	1708.00	358.00	447.00	1350.00
HC23-OM035	M032724	12.00	13.50	1926.00	405.00	498.00	1521.00
HC23-OM035	M032725	13.50	15.00	1604.00	323.00	419.00	1281.00
HC23-OM035	M032726	15.00	16.50	1803.00	405.00	477.00	1398.00
HC23-OM035	M032727	16.50	18.00	1873.00	385.00	507.00	1488.00

HC23-OM035	M032728	18.00	19.50	1968.00	378.00	518.00	1590.00
HC23-OM035	M032729	19.50	21.00	1559.00	373.00	463.00	1186.00
HC23-OM035	M032730	21.00	22.50	1498.00	374.00	432.00	1124.00
HC23-OM035	M032731	22.50	24.00	1932.00	459.00	554.00	1473.00
HC23-OM035	M032732	24.00	25.50	1811.00	399.00	521.00	1412.00
HC23-OM035	M032733	25.50	27.00	1902.00	433.00	548.00	1469.00
HC23-OM035	M032734	27.00	28.50	2315.00	525.00	690.00	1790.00
HC23-OM035	M032735	28.50	30.00	2725.00	439.00	778.00	2286.00
HC23-OM035	M032736	30.00	31.50	3041.00	402.00	819.00	2639.00
HC23-OM035	M032737	31.50	33.00	2967.00	350.00	796.00	2617.00
HC23-OM035	M032738	33.00	34.50	3434.00	391.00	918.00	3043.00
HC23-OM035	M032739	34.50	36.00	3200.00	367.00	847.00	2833.00
HC23-OM035	M032740	36.00	37.50	3296.00	370.00	874.00	2926.00
HC23-OM035	M032742	37.50	39.00	4601.00	428.00	1235.00	4173.00
HC23-OM035	M032743	39.00	40.50	4292.00	384.00	1136.00	3908.00
HC23-OM035	M032744	40.50	42.00	4189.00	391.00	1105.00	3798.00
HC23-OM035	M032745	42.00	43.50	4660.00	433.00	1233.00	4227.00
HC23-OM035	M032746	43.50	45.00	3460.00	360.00	914.00	3100.00
HC23-OM035	M032747	45.00	46.50	3576.00	335.00	945.00	3241.00
HC23-OM035	M032748	46.50	48.00	3826.00	335.00	1002.00	3491.00
HC23-OM035	M032749	48.00	49.50	4084.00	366.00	1083.00	3718.00
HC23-OM035	M032750	49.50	51.00	3647.00	328.00	957.00	3319.00
HC23-OM035	M032751	51.00	52.50	3763.00	345.00	997.00	3418.00
HC23-OM035	M032752	52.50	54.00	3901.00	342.00	1039.00	3559.00
HC23-OM035	M032753	54.00	55.50	3748.00	318.00	983.00	3430.00
HC23-OM035	M032754	55.50	57.00	3924.00	360.00	1039.00	3564.00
HC23-OM035	M032755	57.00	58.50	3657.00	347.00	970.00	3310.00
HC23-OM035	M032756	58.50	60.00	3998.00	345.00	1062.00	3653.00
HC23-OM035	M032757	60.00	61.50	3341.00	342.00	879.00	2999.00
HC23-OM035	M032758	61.50	63.00	3825.00	383.00	1012.00	3442.00
HC23-OM035	M032759	63.00	64.50	3937.00	365.00	1039.00	3572.00
HC23-OM035	M032761	64.50	66.00	3912.00	339.00	1023.00	3573.00
HC23-OM035	M032762	66.00	67.50	3857.00	330.00	1009.00	3527.00
HC23-OM035	M032763	67.50	69.00	3453.00	304.00	918.00	3149.00
HC23-OM035	M032764	69.00	70.50	4141.00	364.00	1090.00	3777.00
HC23-OM035	M032765	70.50	72.00	3857.00	347.00	1014.00	3510.00
HC23-OM035	M032766	72.00	73.50	3814.00	343.00	1006.00	3471.00
HC23-OM035	M032767	73.50	75.00	4391.00	382.00	1155.00	4009.00
HC23-OM035	M032768	75.00	76.50	3955.00	334.00	1034.00	3621.00
HC23-OM035	M032769	76.50	78.00	4038.00	342.00	1058.00	3696.00
HC23-OM035	M032770	78.00	79.50	4506.00	368.00	1172.00	4138.00
HC23-OM035	M032771	79.50	81.00	4871.00	390.00	1283.00	4481.00
HC23-OM035	M032772	81.00	82.50	4672.00	359.00	1221.00	4313.00
HC23-OM035	M032773	82.50	84.00	4176.00	336.00	1079.00	3840.00

HC23-OM035	M032774	84.00	85.50	4009.00	329.00	1033.00	3680.00
HC23-OM035	M032775	85.50	87.00	3153.00	245.00	818.00	2908.00
HC23-OM035	M032776	87.00	88.50	4656.00	366.00	1223.00	4290.00
HC23-OM035	M032777	88.50	90.00	4850.00	360.00	1274.00	4490.00
HC23-OM035	M032778	90.00	91.50	4943.00	380.00	1283.00	4563.00
HC23-OM035	M032779	91.50	93.00	4251.00	364.00	1108.00	3887.00
HC23-OM035	M032781	93.00	94.50	4419.00	330.00	1146.00	4089.00
HC23-OM035	M032782	94.50	96.00	4637.00	412.00	1242.00	4225.00
HC23-OM035	M032783	96.00	97.50	4012.00	364.00	1055.00	3648.00
HC23-OM035	M032784	97.50	99.00	4443.00	383.00	1166.00	4060.00
HC23-OM035	M032785	99.00	100.50	4107.00	377.00	1078.00	3730.00
HC23-OM035	M032786	100.50	102.00	3837.00	333.00	1000.00	3504.00
HC23-OM036	M032787	0.00	1.50	3550.00	327.00	911.00	3223.00
HC23-OM036	M032788	1.50	3.00	3746.00	300.00	949.00	3446.00
HC23-OM036	M032789	3.00	4.50	4534.00	371.00	1176.00	4163.00
HC23-OM036	M032790	4.50	6.00	3801.00	304.00	976.00	3497.00
HC23-OM036	M032791	6.00	7.50	4237.00	375.00	1103.00	3862.00
HC23-OM036	M032792	7.50	9.00	4265.00	380.00	1089.00	3885.00
HC23-OM036	M032793	9.00	10.50	3075.00	285.00	790.00	2790.00
HC23-OM036	M032794	10.50	12.00	4002.00	379.00	1037.00	3623.00
HC23-OM036	M032795	12.00	13.50	4120.00	389.00	1073.00	3731.00
HC23-OM036	M032796	13.50	15.00	3894.00	355.00	1005.00	3539.00
HC23-OM036	M032797	15.00	16.50	4083.00	389.00	1062.00	3694.00
HC23-OM036	M032798	16.50	18.00	3836.00	363.00	994.00	3473.00
HC23-OM036	M032799	18.00	19.50	3885.00	364.00	1010.00	3521.00
HC23-OM036	M032800	19.50	21.00	3899.00	368.00	999.00	3531.00
HC23-OM036	M032802	21.00	22.50	4373.00	405.00	1139.00	3968.00
HC23-OM036	M032803	22.50	24.00	4527.00	421.00	1174.00	4106.00
HC23-OM036	M032804	24.00	25.50	4039.00	380.00	1041.00	3659.00
HC23-OM036	M032805	25.50	27.00	4051.00	364.00	1049.00	3687.00
HC23-OM036	M032806	27.00	28.50	4041.00	377.00	1044.00	3664.00
HC23-OM036	M032807	28.50	30.00	4330.00	394.00	1117.00	3936.00
HC23-OM036	M032808	30.00	31.50	3690.00	341.00	950.00	3349.00
HC23-OM036	M032809	31.50	33.00	4244.00	373.00	1080.00	3871.00
HC23-OM036	M032810	33.00	34.50	4000.00	356.00	1025.00	3644.00
HC23-OM036	M032811	34.50	36.00	3892.00	364.00	995.00	3528.00
HC23-OM036	M032812	36.00	37.50	3460.00	325.00	883.00	3135.00
HC23-OM036	M032813	37.50	39.00	3941.00	367.00	1008.00	3574.00
HC23-OM036	M032814	39.00	40.50	4232.00	392.00	1085.00	3840.00
HC23-OM036	M032815	40.50	42.00	3807.00	364.00	975.00	3443.00
HC23-OM036	M032816	42.00	43.50	3630.00	348.00	922.00	3282.00
HC23-OM036	M032817	43.50	45.00	3561.00	353.00	906.00	3208.00
HC23-OM036	M032818	45.00	46.50	4041.00	390.00	1025.00	3651.00
HC23-OM036	M032819	46.50	48.00	3847.00	375.00	976.00	3472.00

HC23-OM036	M032821	48.00	49.50	3700.00	354.00	937.00	3346.00
HC23-OM036	M032822	49.50	51.00	3676.00	342.00	949.00	3334.00
HC23-OM036	M032823	51.00	52.50	4077.00	380.00	1045.00	3697.00
HC23-OM036	M032824	52.50	54.00	3757.00	350.00	958.00	3407.00
HC23-OM036	M032825	54.00	55.50	3521.00	336.00	901.00	3185.00
HC23-OM036	M032826	55.50	57.00	3523.00	327.00	894.00	3196.00
HC23-OM036	M032827	57.00	58.50	3333.00	346.00	856.00	2987.00
HC23-OM036	M032828	58.50	60.00	3696.00	361.00	942.00	3335.00
HC23-OM036	M032829	60.00	61.50	3695.00	365.00	933.00	3330.00
HC23-OM036	M032830	61.50	63.00	3621.00	360.00	922.00	3261.00
HC23-OM036	M032831	63.00	64.50	3564.00	349.00	909.00	3215.00
HC23-OM036	M032832	64.50	66.00	3384.00	335.00	873.00	3049.00
HC23-OM036	M032833	66.00	67.50	3496.00	361.00	894.00	3135.00
HC23-OM036	M032834	67.50	69.00	3452.00	336.00	880.00	3116.00
HC23-OM036	M032835	69.00	70.50	3761.00	372.00	959.00	3389.00
HC23-OM036	M032836	70.50	72.00	2677.00	280.00	680.00	2397.00
HC23-OM036	M032837	72.00	73.50	3458.00	341.00	887.00	3117.00
HC23-OM036	M032838	73.50	75.00	3835.00	374.00	972.00	3461.00
HC23-OM036	M032839	75.00	76.50	3629.00	350.00	919.00	3279.00
HC23-OM036	M032841	76.50	78.00	3625.00	328.00	948.00	3297.00
HC23-OM036	M032842	78.00	79.50	3681.00	338.00	968.00	3343.00
HC23-OM036	M032843	79.50	81.00	3728.00	344.00	976.00	3384.00
HC23-OM036	M032844	81.00	82.50	3691.00	347.00	971.00	3344.00
HC23-OM036	M032845	82.50	84.00	3979.00	372.00	1041.00	3607.00
HC23-OM036	M032846	84.00	85.50	3612.00	340.00	945.00	3272.00
HC23-OM036	M032847	85.50	87.00	3527.00	343.00	925.00	3184.00
HC23-OM036	M032848	87.00	88.50	3613.00	333.00	946.00	3280.00
HC23-OM036	M032849	88.50	90.00	3809.00	367.00	992.00	3442.00
HC23-OM036	M032850	90.00	91.50	3745.00	344.00	985.00	3401.00
HC23-OM036	M032851	91.50	93.00	3230.00	297.00	845.00	2933.00
HC23-OM036	M032852	93.00	94.50	3838.00	343.00	994.00	3495.00
HC23-OM036	M032853	94.50	96.00	4239.00	379.00	1110.00	3860.00
HC23-OM036	M032854	96.00	97.50	4085.00	364.00	1078.00	3721.00
HC23-OM036	M032855	97.50	99.00	4483.00	372.00	1205.00	4111.00
HC23-OM036	M032856	99.00	100.50	4360.00	378.00	1149.00	3982.00
HC23-OM036	M032857	100.50	102.00	4238.00	367.00	1145.00	3871.00
HC23-OM038	M032858	0.00	1.50	1272.00	123.00	320.00	1149.00
HC23-OM038	M032859	1.50	3.00	2500.00	237.00	640.00	2263.00
HC23-OM038	M032860	3.00	4.50	3498.00	307.00	921.00	3191.00
HC23-OM038	M032862	4.50	6.00	4258.00	375.00	1132.00	3883.00
HC23-OM038	M032863	6.00	7.50	3739.00	416.00	976.00	3323.00
HC23-OM038	M032864	7.50	9.00	4853.00	409.00	1260.00	4444.00
HC23-OM038	M032865	9.00	10.50	6762.00	509.00	1764.00	6253.00
HC23-OM038	M032866	10.50	12.00	5460.00	484.00	1455.00	4976.00

HC23-OM038	M032867	12.00	13.50	5094.00	446.00	1326.00	4648.00
HC23-OM038	M032868	13.50	15.00	5703.00	508.00	1493.00	5195.00
HC23-OM038	M032869	15.00	16.50	7277.00	697.00	1941.00	6580.00
HC23-OM038	M032870	16.50	18.00	5021.00	424.00	1303.00	4597.00
HC23-OM038	M032871	18.00	19.50	6254.00	496.00	1691.00	5758.00
HC23-OM038	M032872	19.50	21.00	7436.00	607.00	2015.00	6829.00
HC23-OM038	M032873	21.00	22.50	5854.00	570.00	1602.00	5284.00
HC23-OM038	M032874	22.50	24.00	3950.00	416.00	1062.00	3534.00
HC23-OM038	M032875	24.00	25.50	4819.00	457.00	1297.00	4362.00
HC23-OM038	M032876	25.50	27.00	4795.00	476.00	1325.00	4319.00
HC23-OM038	M032877	27.00	28.50	6129.00	589.00	1723.00	5540.00
HC23-OM038	M032878	28.50	30.00	4195.00	389.00	1152.00	3806.00
HC23-OM038	M032879	30.00	31.50	4103.00	385.00	1127.00	3718.00
HC23-OM038	M032881	31.50	33.00	3630.00	344.00	988.00	3286.00
HC23-OM038	M032882	33.00	34.50	4185.00	391.00	1153.00	3794.00
HC23-OM038	M032883	34.50	36.00	4296.00	429.00	1194.00	3867.00
HC23-OM038	M032884	36.00	37.50	4294.00	430.00	1176.00	3864.00
HC23-OM038	M032885	37.50	39.00	3929.00	413.00	1082.00	3516.00
HC23-OM038	M032886	39.00	40.50	3975.00	423.00	1099.00	3552.00
HC23-OM038	M032887	40.50	42.00	3211.00	347.00	883.00	2864.00
HC23-OM038	M032888	42.00	43.50	4017.00	403.00	1095.00	3614.00
HC23-OM038	M032889	43.50	45.00	3865.00	372.00	1063.00	3493.00
HC23-OM038	M032890	45.00	46.50	4095.00	398.00	1115.00	3697.00
HC23-OM038	M032891	46.50	48.00	3703.00	385.00	1016.00	3318.00
HC23-OM038	M032892	48.00	49.50	3357.00	355.00	917.00	3002.00
HC23-OM038	M032893	49.50	51.00	4535.00	443.00	1260.00	4092.00
HC23-OM038	M032894	51.00	52.50	3938.00	384.00	1079.00	3554.00
HC23-OM038	M032895	52.50	54.00	4533.00	424.00	1249.00	4109.00
HC23-OM038	M032896	54.00	55.50	4117.00	390.00	1130.00	3727.00
HC23-OM038	M032897	55.50	57.00	4599.00	433.00	1263.00	4166.00
HC23-OM038	M032898	57.00	58.50	4300.00	410.00	1173.00	3890.00
HC23-OM038	M032899	58.50	60.00	3733.00	373.00	1020.00	3360.00
HC23-OM038	M032901	60.00	61.50	4436.00	423.00	1224.00	4013.00
HC23-OM038	M032902	61.50	63.00	4345.00	397.00	1195.00	3948.00
HC23-OM038	M032903	63.00	64.50	4183.00	410.00	1159.00	3773.00
HC23-OM038	M032904	64.50	66.00	4039.00	378.00	1107.00	3661.00
HC23-OM038	M032905	66.00	67.50	4382.00	392.00	1198.00	3990.00
HC23-OM038	M032906	67.50	69.00	4427.00	407.00	1214.00	4020.00
HC23-OM038	M032907	69.00	70.50	4765.00	443.00	1319.00	4322.00
HC23-OM038	M032908	70.50	72.00	4065.00	402.00	1121.00	3663.00
HC23-OM038	M032909	72.00	73.50	4829.00	461.00	1338.00	4368.00
HC23-OM038	M032910	73.50	75.00	4920.00	449.00	1356.00	4471.00
HC23-OM038	M032911	75.00	76.50	4773.00	434.00	1318.00	4339.00
HC23-OM038	M032912	76.50	78.00	3997.00	383.00	1111.00	3614.00

HC23-OM038	M032913	78.00	79.50	4024.00	348.00	1118.00	3676.00
HC23-OM038	M032914	79.50	81.00	4053.00	358.00	1125.00	3695.00
HC23-OM038	M032915	81.00	82.50	3821.00	348.00	1061.00	3473.00
HC23-OM038	M032916	82.50	84.00	4061.00	375.00	1127.00	3686.00
HC23-OM038	M032917	84.00	85.50	4430.00	405.00	1230.00	4025.00
HC23-OM038	M032918	85.50	87.00	4784.00	424.00	1329.00	4360.00
HC23-OM038	M032919	87.00	88.50	4710.00	425.00	1317.00	4285.00
HC23-OM038	M032920	88.50	90.00	3619.00	326.00	996.00	3293.00
HC23-OM038	M032922	90.00	91.50	4225.00	375.00	1173.00	3850.00
HC23-OM038	M032923	91.50	93.00	4326.00	391.00	1204.00	3935.00
HC23-OM038	M032924	93.00	94.50	4752.00	429.00	1334.00	4323.00
HC23-OM038	M032925	94.50	96.00	4532.00	396.00	1268.00	4136.00
HC23-OM038	M032926	96.00	97.50	5101.00	434.00	1412.00	4667.00
HC23-OM038	M032927	97.50	99.00	4908.00	422.00	1372.00	4486.00
HC23-OM038	M032928	99.00	100.50	4398.00	378.00	1243.00	4020.00
HC23-OM038	M032929	100.50	102.00	4085.00	350.00	1144.00	3735.00
HC23-OM040	M032930	0.00	1.50	401.00	80.00	108.00	321.00
HC23-OM040	M032931	1.50	3.00	317.00	62.00	82.00	255.00
HC23-OM040	M032932	3.00	4.50	633.00	103.00	173.00	530.00
HC23-OM040	M032933	4.50	6.00	732.00	117.00	213.00	615.00
HC23-OM040	M032934	6.00	7.50	2683.00	300.00	756.00	2383.00
HC23-OM040	M032935	7.50	9.00	3121.00	325.00	884.00	2796.00
HC23-OM040	M032936	9.00	10.50	4282.00	453.00	1208.00	3829.00
HC23-OM040	M032937	10.50	12.00	3747.00	389.00	1062.00	3358.00
HC23-OM040	M032938	12.00	13.50	4185.00	427.00	1170.00	3758.00
HC23-OM040	M032939	13.50	15.00	4355.00	410.00	1220.00	3945.00
HC23-OM040	M032941	15.00	16.50	4111.00	381.00	1162.00	3730.00
HC23-OM040	M032942	16.50	18.00	4141.00	391.00	1158.00	3750.00
HC23-OM040	M032943	18.00	19.50	4170.00	397.00	1168.00	3773.00
HC23-OM040	M032944	19.50	21.00	3936.00	389.00	1109.00	3547.00
HC23-OM040	M032945	21.00	22.50	4569.00	443.00	1287.00	4126.00
HC23-OM040	M032946	22.50	24.00	4250.00	412.00	1193.00	3838.00
HC23-OM040	M032947	24.00	25.50	4236.00	434.00	1197.00	3802.00
HC23-OM040	M032948	25.50	27.00	4230.00	438.00	1140.00	3792.00
HC23-OM040	M032949	27.00	28.50	3916.00	399.00	1075.00	3517.00
HC23-OM040	M032950	28.50	30.00	4366.00	444.00	1197.00	3922.00
HC23-OM040	M032951	30.00	31.50	4364.00	446.00	1198.00	3918.00
HC23-OM040	M032952	31.50	33.00	4179.00	425.00	1148.00	3754.00
HC23-OM040	M032953	33.00	34.50	4104.00	419.00	1127.00	3685.00
HC23-OM040	M032954	34.50	36.00	4877.00	482.00	1334.00	4395.00
HC23-OM040	M032955	36.00	37.50	7069.00	681.00	1952.00	6388.00
HC23-OM040	M032956	37.50	39.00	9009.00	868.00	2526.00	8141.00
HC23-OM040	M032957	39.00	40.50	4671.00	454.00	1278.00	4217.00
HC23-OM040	M032958	40.50	42.00	4204.00	413.00	1143.00	3791.00

HC23-OM040	M032959	42.00	43.50	4408.00	427.00	1201.00	3981.00
HC23-OM040	M032961	43.50	45.00	3845.00	381.00	1046.00	3464.00
HC23-OM040	M032962	45.00	46.50	4421.00	437.00	1197.00	3984.00
HC23-OM040	M032963	46.50	48.00	4289.00	422.00	1174.00	3867.00
HC23-OM040	M032964	48.00	49.50	4447.00	476.00	1216.00	3971.00
HC23-OM040	M032965	49.50	51.00	4528.00	454.00	1233.00	4074.00
HC23-OM040	M032966	51.00	52.50	4429.00	437.00	1193.00	3992.00
HC23-OM040	M032967	52.50	54.00	4190.00	402.00	1142.00	3788.00
HC23-OM040	M032968	54.00	55.50	4589.00	430.00	1259.00	4159.00
HC23-OM040	M032969	55.50	57.00	4413.00	402.00	1199.00	4011.00
HC23-OM040	M032970	57.00	58.50	4120.00	396.00	1133.00	3724.00
HC23-OM040	M032971	58.50	60.00	4398.00	406.00	1188.00	3992.00
HC23-OM040	M032972	60.00	61.50	3996.00	366.00	1080.00	3630.00
HC23-OM040	M032973	61.50	63.00	4226.00	380.00	1152.00	3846.00
HC23-OM040	M032974	63.00	64.50	4058.00	371.00	1097.00	3687.00
HC23-OM040	M032975	64.50	66.00	3957.00	374.00	1077.00	3583.00
HC23-OM040	M032976	66.00	67.50	4224.00	408.00	1146.00	3816.00
HC23-OM040	M032977	67.50	69.00	4760.00	446.00	1294.00	4314.00
HC23-OM040	M032978	69.00	70.50	4462.00	422.00	1218.00	4040.00
HC23-OM040	M032979	70.50	72.00	4337.00	389.00	1174.00	3948.00
HC23-OM040	M032980	72.00	73.50	3784.00	352.00	1028.00	3432.00
HC23-OM040	M032982	73.50	75.00	4170.00	393.00	1134.00	3777.00
HC23-OM040	M032983	75.00	76.50	4603.00	436.00	1251.00	4167.00
HC23-OM040	M032984	76.50	78.00	3527.00	334.00	950.00	3193.00
HC23-OM040	M032985	78.00	79.50	4536.00	413.00	1234.00	4123.00
HC23-OM040	M032986	79.50	81.00	5828.00	447.00	1571.00	5381.00
HC23-OM040	M032987	81.00	82.50	4389.00	389.00	1191.00	4000.00
HC23-OM040	M032988	82.50	84.00	5017.00	425.00	1349.00	4592.00
HC23-OM040	M032989	84.00	85.50	5249.00	442.00	1385.00	4807.00
HC23-OM040	M032990	85.50	87.00	4470.00	375.00	1209.00	4095.00
HC23-OM040	M032991	87.00	88.50	4832.00	388.00	1302.00	4444.00
HC23-OM040	M032992	88.50	90.00	4568.00	403.00	1234.00	4165.00
HC23-OM040	M032993	90.00	91.50	4279.00	389.00	1156.00	3890.00
HC23-OM040	M032994	91.50	93.00	4389.00	381.00	1184.00	4008.00
HC23-OM040	M032995	93.00	94.50	3872.00	333.00	1044.00	3539.00
HC23-OM040	M032996	94.50	96.00	4317.00	367.00	1160.00	3950.00
HC23-OM040	M032997	96.00	97.50	4275.00	370.00	1156.00	3905.00
HC23-OM040	M032998	97.50	99.00	4123.00	367.00	1129.00	3756.00
HC23-OM040	M032999	99.00	100.50	4534.00	382.00	1223.00	4152.00
HC23-OM040	M033001	100.50	102.00	4234.00	357.00	1137.00	3877.00
HC23-OM041	M033002	0.00	1.50	330.00	75.00	84.00	255.00
HC23-OM041	M033003	1.50	3.00	356.00	81.00	91.00	275.00
HC23-OM041	M033004	3.00	4.50	875.00	164.00	235.00	711.00
HC23-OM041	M033005	4.50	6.00	3749.00	350.00	999.00	3399.00

HC23-OM041	M033006	6.00	7.50	4653.00	402.00	1229.00	4251.00
HC23-OM041	M033007	7.50	9.00	4471.00	391.00	1198.00	4080.00
HC23-OM041	M033008	9.00	10.50	4250.00	391.00	1129.00	3859.00
HC23-OM041	M033009	10.50	12.00	4130.00	392.00	1104.00	3738.00
HC23-OM041	M033010	12.00	13.50	3259.00	311.00	865.00	2948.00
HC23-OM041	M033011	13.50	15.00	3654.00	366.00	979.00	3288.00
HC23-OM041	M033012	15.00	16.50	4323.00	400.00	1155.00	3923.00
HC23-OM041	M033013	16.50	18.00	4041.00	386.00	1087.00	3655.00
HC23-OM041	M033014	18.00	19.50	3769.00	353.00	1005.00	3416.00
HC23-OM041	M033015	19.50	21.00	4103.00	395.00	1088.00	3708.00
HC23-OM041	M033016	21.00	22.50	4114.00	393.00	1099.00	3721.00
HC23-OM041	M033017	22.50	24.00	3889.00	361.00	1048.00	3528.00
HC23-OM041	M033018	24.00	25.50	3911.00	392.00	1038.00	3519.00
HC23-OM041	M033019	25.50	27.00	3716.00	358.00	984.00	3358.00
HC23-OM041	M033021	27.00	28.50	4125.00	392.00	1089.00	3733.00
HC23-OM041	M033022	28.50	30.00	4615.00	427.00	1229.00	4188.00
HC23-OM041	M033023	30.00	31.50	4375.00	389.00	1164.00	3986.00
HC23-OM041	M033024	31.50	33.00	4033.00	390.00	1077.00	3643.00
HC23-OM041	M033025	33.00	34.50	4432.00	415.00	1181.00	4017.00
HC23-OM041	M033026	34.50	36.00	4241.00	397.00	1135.00	3844.00
HC23-OM041	M033027	36.00	37.50	4198.00	403.00	1125.00	3795.00
HC23-OM041	M033028	37.50	39.00	4579.00	421.00	1213.00	4158.00
HC23-OM041	M033029	39.00	40.50	3993.00	385.00	1063.00	3608.00
HC23-OM041	M033030	40.50	42.00	4325.00	411.00	1158.00	3914.00
HC23-OM041	M033031	42.00	43.50	4431.00	427.00	1184.00	4004.00
HC23-OM041	M033032	43.50	45.00	4139.00	400.00	1105.00	3739.00
HC23-OM041	M033033	45.00	46.50	4383.00	415.00	1173.00	3968.00
HC23-OM041	M033034	46.50	48.00	4656.00	431.00	1234.00	4225.00
HC23-OM041	M033035	48.00	49.50	4112.00	376.00	1095.00	3736.00
HC23-OM041	M033036	49.50	51.00	4373.00	395.00	1160.00	3978.00
HC23-OM041	M033037	51.00	52.50	4454.00	417.00	1190.00	4037.00
HC23-OM041	M033038	52.50	54.00	4340.00	408.00	1150.00	3932.00
HC23-OM041	M033039	54.00	55.50	4344.00	404.00	1160.00	3940.00
HC23-OM041	M033040	55.50	57.00	3934.00	369.00	1041.00	3565.00
HC23-OM041	M033042	57.00	58.50	4076.00	382.00	1083.00	3694.00
HC23-OM041	M033043	58.50	60.00	4149.00	400.00	1107.00	3749.00
HC23-OM041	M033044	60.00	61.50	4354.00	411.00	1156.00	3943.00
HC23-OM041	M033045	61.50	63.00	4378.00	410.00	1161.00	3968.00
HC23-OM041	M033046	63.00	64.50	4310.00	397.00	1148.00	3913.00
HC23-OM041	M033047	64.50	66.00	4238.00	399.00	1127.00	3839.00
HC23-OM041	M033048	66.00	67.50	4224.00	401.00	1127.00	3823.00
HC23-OM041	M033049	67.50	69.00	4779.00	420.00	1274.00	4359.00
HC23-OM041	M033050	69.00	70.50	4159.00	374.00	1110.00	3785.00
HC23-OM041	M033051	70.50	72.00	4701.00	424.00	1249.00	4277.00

HC23-OM041	M033052	72.00	73.50	4637.00	428.00	1233.00	4209.00
HC23-OM041	M033053	73.50	75.00	4333.00	368.00	1153.00	3965.00
HC23-OM041	M033054	75.00	76.50	4495.00	398.00	1195.00	4097.00
HC23-OM041	M033055	76.50	78.00	4642.00	413.00	1232.00	4229.00
HC23-OM041	M033056	78.00	79.50	4363.00	390.00	1161.00	3973.00
HC23-OM041	M033057	79.50	81.00	4282.00	386.00	1138.00	3896.00
HC23-OM041	M033058	81.00	82.50	4220.00	357.00	1125.00	3863.00
HC23-OM041	M033059	82.50	84.00	4507.00	375.00	1204.00	4132.00
HC23-OM041	M033061	84.00	85.50	4172.00	385.00	1119.00	3787.00
HC23-OM041	M033062	85.50	87.00	4040.00	350.00	1075.00	3690.00
HC23-OM041	M033063	87.00	88.50	4281.00	357.00	1141.00	3924.00
HC23-OM041	M033064	88.50	90.00	4288.00	365.00	1146.00	3923.00
HC23-OM041	M033065	90.00	91.50	4080.00	362.00	1098.00	3718.00
HC23-OM041	M033066	91.50	93.00	3830.00	339.00	1019.00	3491.00
HC23-OM041	M033067	93.00	94.50	4397.00	375.00	1182.00	4022.00
HC23-OM041	M033068	94.50	96.00	3734.00	316.00	993.00	3418.00
HC23-OM041	M033069	96.00	97.50	4230.00	361.00	1127.00	3869.00
HC23-OM041	M033070	97.50	99.00	4131.00	363.00	1104.00	3768.00
HC23-OM041	M033071	99.00	100.50	4497.00	370.00	1197.00	4127.00
HC23-OM041	M033072	100.50	102.00	4203.00	346.00	1127.00	3857.00
HC23-OM042	M033073	0.00	1.50	1346.00	166.00	355.00	1180.00
HC23-OM042	M033074	1.50	3.00	3932.00	364.00	1046.00	3568.00
HC23-OM042	M033075	3.00	4.50	3840.00	360.00	1020.00	3480.00
HC23-OM042	M033076	4.50	6.00	3609.00	344.00	970.00	3265.00
HC23-OM042	M033077	6.00	7.50	3945.00	359.00	1049.00	3586.00
HC23-OM042	M033078	7.50	9.00	3817.00	367.00	1014.00	3450.00
HC23-OM042	M033079	9.00	10.50	4197.00	385.00	1120.00	3812.00
HC23-OM042	M033081	10.50	12.00	4094.00	391.00	1090.00	3703.00
HC23-OM042	M033082	12.00	13.50	4066.00	385.00	1089.00	3681.00
HC23-OM042	M033083	13.50	15.00	4553.00	422.00	1213.00	4131.00
HC23-OM042	M033084	15.00	16.50	4086.00	381.00	1094.00	3705.00
HC23-OM042	M033085	16.50	18.00	4266.00	403.00	1148.00	3863.00
HC23-OM042	M033086	18.00	19.50	4445.00	418.00	1183.00	4027.00
HC23-OM042	M033087	19.50	21.00	4559.00	421.00	1219.00	4138.00
HC23-OM042	M033088	21.00	22.50	3908.00	367.00	1043.00	3541.00
HC23-OM042	M033089	22.50	24.00	4085.00	383.00	1085.00	3702.00
HC23-OM042	M033090	24.00	25.50	4381.00	395.00	1167.00	3986.00
HC23-OM042	M033091	25.50	27.00	4262.00	388.00	1134.00	3874.00
HC23-OM042	M033092	27.00	28.50	4133.00	381.00	1105.00	3752.00
HC23-OM042	M033093	28.50	30.00	4536.00	399.00	1210.00	4137.00
HC23-OM042	M033094	30.00	31.50	4374.00	409.00	1162.00	3965.00
HC23-OM042	M033095	31.50	33.00	4198.00	384.00	1115.00	3814.00
HC23-OM042	M033096	33.00	34.50	4304.00	391.00	1139.00	3913.00
HC23-OM042	M033097	34.50	36.00	4171.00	380.00	1097.00	3791.00

HC23-OM042	M033098	36.00	37.50	4260.00	386.00	1131.00	3874.00
HC23-OM042	M033099	37.50	39.00	4268.00	396.00	1131.00	3872.00
HC23-OM042	M033100	39.00	40.50	4172.00	383.00	1102.00	3789.00
HC23-OM042	M033102	40.50	42.00	4643.00	427.00	1231.00	4216.00
HC23-OM042	M033103	42.00	43.50	4482.00	408.00	1196.00	4074.00
HC23-OM042	M033104	43.50	45.00	4504.00	421.00	1201.00	4083.00
HC23-OM042	M033105	45.00	46.50	4416.00	407.00	1175.00	4009.00
HC23-OM042	M033106	46.50	48.00	4464.00	401.00	1187.00	4063.00
HC23-OM042	M033107	48.00	49.50	4409.00	405.00	1170.00	4004.00
HC23-OM042	M033108	49.50	51.00	2413.00	220.00	631.00	2193.00
HC23-OM042	M033109	51.00	52.50	4385.00	383.00	1169.00	4002.00
HC23-OM042	M033110	52.50	54.00	4367.00	398.00	1160.00	3969.00
HC23-OM042	M033111	54.00	55.50	4363.00	390.00	1161.00	3973.00
HC23-OM042	M033112	55.50	57.00	4752.00	436.00	1263.00	4316.00
HC23-OM042	M033113	57.00	58.50	4166.00	382.00	1104.00	3784.00
HC23-OM042	M033114	58.50	60.00	4321.00	406.00	1161.00	3915.00
HC23-OM042	M033115	60.00	61.50	4315.00	385.00	1154.00	3930.00
HC23-OM042	M033116	61.50	63.00	4412.00	404.00	1176.00	4008.00
HC23-OM042	M033117	63.00	64.50	4111.00	369.00	1098.00	3742.00
HC23-OM042	M033118	64.50	66.00	3985.00	380.00	1062.00	3605.00
HC23-OM042	M033119	66.00	67.50	4251.00	402.00	1135.00	3849.00
HC23-OM042	M033121	67.50	69.00	4533.00	418.00	1208.00	4115.00
HC23-OM042	M033122	69.00	70.50	4126.00	389.00	1100.00	3737.00
HC23-OM042	M033123	70.50	72.00	4170.00	379.00	1112.00	3791.00
HC23-OM042	M033124	72.00	73.50	4133.00	380.00	1100.00	3753.00
HC23-OM042	M033125	73.50	75.00	3988.00	380.00	1068.00	3608.00
HC23-OM042	M033126	75.00	76.50	4054.00	371.00	1077.00	3683.00
HC23-OM042	M033127	76.50	78.00	4177.00	396.00	1116.00	3781.00
HC23-OM042	M033128	78.00	79.50	4395.00	399.00	1166.00	3996.00
HC23-OM042	M033129	79.50	81.00	4070.00	364.00	1085.00	3706.00
HC23-OM042	M033130	81.00	82.50	4144.00	370.00	1106.00	3774.00
HC23-OM042	M033131	82.50	84.00	5142.00	460.00	1377.00	4682.00
HC23-OM042	M033132	84.00	85.50	4627.00	440.00	1242.00	4187.00
HC23-OM042	M033133	85.50	87.00	5393.00	509.00	1456.00	4884.00
HC23-OM042	M033134	87.00	88.50	4451.00	415.00	1192.00	4036.00
HC23-OM042	M033135	88.50	90.00	4347.00	399.00	1162.00	3948.00
HC23-OM042	M033136	90.00	91.50	4333.00	405.00	1157.00	3928.00
HC23-OM042	M033137	91.50	93.00	4544.00	421.00	1221.00	4123.00
HC23-OM042	M033138	93.00	94.50	4309.00	403.00	1151.00	3906.00
HC23-OM042	M033139	94.50	96.00	4515.00	401.00	1203.00	4114.00
HC23-OM042	M033141	96.00	97.50	4567.00	412.00	1229.00	4155.00
HC23-OM042	M033142	97.50	99.00	4680.00	388.00	1261.00	4292.00
HC23-OM042	M033143	99.00	100.50	4269.00	367.00	1137.00	3902.00
HC23-OM042	M033144	100.50	102.00	4650.00	414.00	1248.00	4236.00

HC23-OM043	M033145	0.00	1.50	1182.00	142.00	309.00	1040.00
HC23-OM043	M033146	1.50	3.00	1914.00	199.00	495.00	1715.00
HC23-OM043	M033147	3.00	4.50	1770.00	282.00	465.00	1488.00
HC23-OM043	M033148	4.50	6.00	1256.00	234.00	333.00	1022.00
HC23-OM043	M033149	6.00	7.50	3446.00	331.00	889.00	3115.00
HC23-OM043	M033150	7.50	9.00	3876.00	381.00	1016.00	3495.00
HC23-OM043	M033151	9.00	10.50	4144.00	424.00	1100.00	3720.00
HC23-OM043	M033152	10.50	12.00	3939.00	374.00	1035.00	3565.00
HC23-OM043	M033153	12.00	13.50	3955.00	398.00	1043.00	3557.00
HC23-OM043	M033154	13.50	15.00	3805.00	370.00	1013.00	3435.00
HC23-OM043	M033155	15.00	16.50	3758.00	398.00	988.00	3360.00
HC23-OM043	M033156	16.50	18.00	3410.00	354.00	888.00	3056.00
HC23-OM043	M033157	18.00	19.50	3866.00	396.00	1020.00	3470.00
HC23-OM043	M033158	19.50	21.00	3476.00	362.00	915.00	3114.00
HC23-OM043	M033159	21.00	22.50	3935.00	383.00	1024.00	3552.00
HC23-OM043	M033160	22.50	24.00	3636.00	377.00	958.00	3259.00
HC23-OM043	M033162	24.00	25.50	3244.00	326.00	846.00	2918.00
HC23-OM043	M033163	25.50	27.00	3895.00	382.00	1019.00	3513.00
HC23-OM043	M033164	27.00	28.50	3922.00	394.00	1032.00	3528.00
HC23-OM043	M033165	28.50	30.00	4531.00	441.00	1210.00	4090.00
HC23-OM043	M033166	30.00	31.50	4313.00	409.00	1113.00	3904.00
HC23-OM043	M033167	31.50	33.00	4332.00	414.00	1136.00	3918.00
HC23-OM043	M033168	33.00	34.50	4358.00	409.00	1139.00	3949.00
HC23-OM043	M033169	34.50	36.00	4104.00	367.00	1072.00	3737.00
HC23-OM043	M033170	36.00	37.50	4025.00	360.00	1040.00	3665.00
HC23-OM043	M033171	37.50	39.00	3828.00	357.00	999.00	3471.00
HC23-OM043	M033172	39.00	40.50	3992.00	316.00	1001.00	3676.00
HC23-OM043	M033173	40.50	42.00	3746.00	333.00	958.00	3413.00
HC23-OM043	M033174	42.00	43.50	3868.00	372.00	1013.00	3496.00
HC23-OM043	M033175	43.50	45.00	3568.00	340.00	923.00	3228.00
HC23-OM043	M033176	45.00	46.50	3725.00	353.00	965.00	3372.00
HC23-OM043	M033177	46.50	48.00	2243.00	224.00	580.00	2019.00
HC23-OM043	M033178	48.00	49.50	4303.00	454.00	1135.00	3849.00
HC23-OM043	M033179	49.50	51.00	4320.00	420.00	1123.00	3900.00
HC23-OM043	M033181	51.00	52.50	4355.00	467.00	1134.00	3888.00
HC23-OM043	M033182	52.50	54.00	3987.00	441.00	1045.00	3546.00
HC23-OM043	M033183	54.00	55.50	4533.00	470.00	1195.00	4063.00
HC23-OM043	M033184	55.50	57.00	4873.00	498.00	1283.00	4375.00
HC23-OM043	M033185	57.00	58.50	4168.00	405.00	1072.00	3763.00
HC23-OM043	M033186	58.50	60.00	4037.00	381.00	1055.00	3656.00
HC23-OM043	M033187	60.00	61.50	4185.00	364.00	1075.00	3821.00
HC23-OM043	M033188	61.50	63.00	4278.00	375.00	1112.00	3903.00
HC23-OM043	M033189	63.00	64.50	4287.00	383.00	1104.00	3904.00
HC23-OM043	M033190	64.50	66.00	4339.00	427.00	1118.00	3912.00

HC23-OM043	M033191	66.00	67.50	3722.00	593.00	997.00	3129.00
HC23-OM043	M033192	67.50	69.00	2567.00	470.00	704.00	2097.00
HC23-OM043	M033193	69.00	70.50	2699.00	492.00	728.00	2207.00
HC23-OM043	M033194	70.50	72.00	2772.00	510.00	747.00	2262.00
HC23-OM043	M033195	72.00	73.50	2796.00	486.00	754.00	2310.00
HC23-OM043	M033196	73.50	75.00	3532.00	450.00	924.00	3082.00
HC23-OM043	M033197	75.00	76.50	3735.00	373.00	935.00	3362.00
HC23-OM043	M033198	76.50	78.00	3630.00	385.00	918.00	3245.00
HC23-OM043	M033199	78.00	79.50	4227.00	409.00	1107.00	3818.00
HC23-OM043	M033201	79.50	81.00	2137.00	195.00	549.00	1942.00
HC23-OM043	M033202	81.00	82.50	3838.00	306.00	988.00	3532.00
HC23-OM043	M033203	82.50	84.00	4242.00	380.00	1111.00	3862.00
HC23-OM043	M033204	84.00	85.50	2999.00	486.00	791.00	2513.00
HC23-OM043	M033205	85.50	87.00	3670.00	482.00	928.00	3188.00
HC23-OM043	M033206	87.00	88.50	3883.00	533.00	1021.00	3350.00
HC23-OM043	M033207	88.50	90.00	2986.00	533.00	794.00	2453.00
HC23-OM043	M033208	90.00	91.50	3591.00	456.00	935.00	3135.00
HC23-OM043	M033209	91.50	93.00	4151.00	441.00	1100.00	3710.00
HC23-OM043	M033210	93.00	94.50	4487.00	449.00	1183.00	4038.00
HC23-OM043	M033211	94.50	96.00	4891.00	505.00	1300.00	4386.00
HC23-OM043	M033212	96.00	97.50	4782.00	473.00	1287.00	4309.00
HC23-OM043	M033213	97.50	99.00	4498.00	376.00	1181.00	4122.00
HC23-OM043	M033214	99.00	100.50	3993.00	334.00	1040.00	3659.00
HC23-OM043	M033215	100.50	102.00	4060.00	340.00	1051.00	3720.00
HC23-OM044	M033216	0.00	1.50	1890.00	222.00	481.00	1668.00
HC23-OM044	M033217	1.50	3.00	2008.00	237.00	529.00	1771.00
HC23-OM044	M033218	3.00	4.50	4179.00	389.00	1096.00	3790.00
HC23-OM044	M033219	4.50	6.00	4467.00	371.00	1150.00	4096.00
HC23-OM044	M033220	6.00	7.50	4770.00	441.00	1239.00	4329.00
HC23-OM044	M033222	7.50	9.00	4751.00	472.00	1261.00	4279.00
HC23-OM044	M033223	9.00	10.50	4286.00	430.00	1148.00	3856.00
HC23-OM044	M033224	10.50	12.00	4784.00	451.00	1268.00	4333.00
HC23-OM044	M033225	12.00	13.50	4334.00	427.00	1150.00	3907.00
HC23-OM044	M033226	13.50	15.00	4188.00	396.00	1109.00	3792.00
HC23-OM044	M033227	15.00	16.50	4273.00	407.00	1114.00	3866.00
HC23-OM044	M033228	16.50	18.00	4360.00	420.00	1138.00	3940.00
HC23-OM044	M033229	18.00	19.50	4788.00	467.00	1258.00	4321.00
HC23-OM044	M033230	19.50	21.00	4155.00	400.00	1097.00	3755.00
HC23-OM044	M033231	21.00	22.50	3774.00	386.00	977.00	3388.00
HC23-OM044	M033232	22.50	24.00	4400.00	446.00	1153.00	3954.00
HC23-OM044	M033233	24.00	25.50	4163.00	400.00	1091.00	3763.00
HC23-OM044	M033234	25.50	27.00	4616.00	426.00	1202.00	4190.00
HC23-OM044	M033235	27.00	28.50	3986.00	363.00	1036.00	3623.00
HC23-OM044	M033236	28.50	30.00	4396.00	397.00	1139.00	3999.00

HC23-OM044	M033237	30.00	31.50	4377.00	412.00	1129.00	3965.00
HC23-OM044	M033238	31.50	33.00	3808.00	378.00	1007.00	3430.00
HC23-OM044	M033239	33.00	34.50	3996.00	380.00	1052.00	3616.00
HC23-OM044	M033241	34.50	36.00	3805.00	362.00	1010.00	3443.00
HC23-OM044	M033242	36.00	37.50	3696.00	357.00	968.00	3339.00
HC23-OM044	M033243	37.50	39.00	3791.00	369.00	995.00	3422.00
HC23-OM044	M033244	39.00	40.50	3826.00	367.00	1008.00	3459.00
HC23-OM044	M033245	40.50	42.00	4134.00	425.00	1104.00	3709.00
HC23-OM044	M033246	42.00	43.50	5247.00	490.00	1421.00	4757.00
HC23-OM044	M033247	43.50	45.00	4197.00	388.00	1118.00	3809.00
HC23-OM044	M033248	45.00	46.50	4002.00	363.00	1067.00	3639.00
HC23-OM044	M033249	46.50	48.00	4110.00	392.00	1101.00	3718.00
HC23-OM044	M033250	48.00	49.50	3750.00	361.00	999.00	3389.00
HC23-OM044	M033251	49.50	51.00	3846.00	372.00	1026.00	3474.00
HC23-OM044	M033252	51.00	52.50	3800.00	358.00	1027.00	3442.00
HC23-OM044	M033253	52.50	54.00	3694.00	357.00	986.00	3337.00
HC23-OM044	M033254	54.00	55.50	3813.00	367.00	1027.00	3446.00
HC23-OM044	M033255	55.50	57.00	4198.00	374.00	1134.00	3824.00
HC23-OM044	M033256	57.00	58.50	4214.00	357.00	1132.00	3857.00
HC23-OM044	M033257	58.50	60.00	4901.00	410.00	1327.00	4491.00
HC23-OM044	M033258	60.00	61.50	8509.00	698.00	2357.00	7811.00
HC23-OM044	M033259	61.50	63.00	8411.00	692.00	2348.00	7719.00
HC23-OM044	M033261	63.00	64.50	7826.00	644.00	2168.00	7182.00
HC23-OM044	M033262	64.50	66.00	7717.00	636.00	2127.00	7081.00
HC23-OM044	M033263	66.00	67.50	7282.00	593.00	2006.00	6689.00
HC23-OM044	M033264	67.50	69.00	6480.00	534.00	1780.00	5946.00
HC23-OM044	M033265	69.00	70.50	7576.00	623.00	2094.00	6953.00
HC23-OM044	M033266	70.50	72.00	7256.00	590.00	2007.00	6666.00
HC23-OM044	M033267	72.00	73.50	6355.00	522.00	1752.00	5833.00
HC23-OM044	M033268	73.50	75.00	6986.00	566.00	1921.00	6420.00
HC23-OM044	M033269	75.00	76.50	7751.00	623.00	2123.00	7128.00
HC23-OM044	M033270	76.50	78.00	8037.00	639.00	2206.00	7398.00
HC23-OM044	M033271	78.00	79.50	8327.00	664.00	2308.00	7663.00
HC23-OM044	M033272	79.50	81.00	9412.00	746.00	2585.00	8666.00
HC23-OM044	M033273	81.00	82.50	8721.00	721.00	2424.00	8000.00
HC23-OM044	M033274	82.50	84.00	9426.00	743.00	2658.00	8683.00
HC23-OM044	M033275	84.00	85.50	9003.00	711.00	2570.00	8292.00
HC23-OM044	M033276	85.50	87.00	9486.00	755.00	2683.00	8731.00
HC23-OM044	M033277	87.00	88.50	9427.00	749.00	2647.00	8678.00
HC23-OM044	M033278	88.50	90.00	11054.00	862.00	3071.00	10192.00
HC23-OM044	M033279	90.00	91.50	10595.00	819.00	2974.00	9776.00
HC23-OM044	M033280	91.50	93.00	5219.00	430.00	1456.00	4789.00
HC23-OM044	M033282	93.00	94.50	4573.00	392.00	1265.00	4181.00
HC23-OM044	M033283	94.50	96.00	4629.00	384.00	1266.00	4245.00

HC23-OM044	M033284	96.00	97.50	4857.00	393.00	1331.00	4464.00
HC23-OM044	M033285	97.50	99.00	4714.00	421.00	1329.00	4293.00
HC23-OM044	M033286	99.00	100.50	4463.00	437.00	1237.00	4026.00
HC23-OM044	M033287	100.50	102.00	4236.00	388.00	1164.00	3848.00
HC23-OM045	M033288	0.00	1.50	778.00	104.00	207.00	674.00
HC23-OM045	M033289	1.50	3.00	3935.00	369.00	1090.00	3566.00
HC23-OM045	M033290	3.00	4.50	3821.00	307.00	1047.00	3514.00
HC23-OM045	M033291	4.50	6.00	3702.00	287.00	1022.00	3415.00
HC23-OM045	M033292	6.00	7.50	4092.00	390.00	1133.00	3702.00
HC23-OM045	M033293	7.50	9.00	3855.00	363.00	1065.00	3492.00
HC23-OM045	M033294	9.00	10.50	4189.00	376.00	1155.00	3813.00
HC23-OM045	M033295	10.50	12.00	3996.00	337.00	1108.00	3659.00
HC23-OM045	M033296	12.00	13.50	4636.00	406.00	1283.00	4230.00
HC23-OM045	M033297	13.50	15.00	4105.00	357.00	1128.00	3748.00
HC23-OM045	M033298	15.00	16.50	4875.00	413.00	1346.00	4462.00
HC23-OM045	M033299	16.50	18.00	4466.00	370.00	1241.00	4096.00
HC23-OM045	M033301	18.00	19.50	4560.00	400.00	1200.00	4160.00
HC23-OM045	M033302	19.50	21.00	4223.00	322.00	1097.00	3901.00
HC23-OM045	M033303	21.00	22.50	4304.00	346.00	1126.00	3958.00
HC23-OM045	M033304	22.50	24.00	4525.00	363.00	1188.00	4162.00
HC23-OM045	M033305	24.00	25.50	4478.00	379.00	1160.00	4099.00
HC23-OM045	M033306	25.50	27.00	4394.00	369.00	1136.00	4025.00
HC23-OM045	M033307	27.00	28.50	4232.00	356.00	1106.00	3876.00
HC23-OM045	M033308	28.50	30.00	4310.00	374.00	1128.00	3936.00
HC23-OM045	M033309	30.00	31.50	4283.00	346.00	1112.00	3937.00
HC23-OM045	M033310	31.50	33.00	4322.00	346.00	1121.00	3976.00
HC23-OM045	M033311	33.00	34.50	4110.00	328.00	1062.00	3782.00
HC23-OM045	M033312	34.50	36.00	4667.00	378.00	1218.00	4289.00
HC23-OM045	M033313	36.00	37.50	5012.00	431.00	1317.00	4581.00
HC23-OM045	M033314	37.50	39.00	4574.00	397.00	1210.00	4177.00
HC23-OM045	M033315	39.00	40.50	4089.00	364.00	1073.00	3725.00
HC23-OM045	M033316	40.50	42.00	4251.00	390.00	1122.00	3861.00
HC23-OM045	M033317	42.00	43.50	4113.00	380.00	1082.00	3733.00
HC23-OM045	M033318	43.50	45.00	3989.00	344.00	1039.00	3645.00
HC23-OM045	M033319	45.00	46.50	4355.00	358.00	1138.00	3997.00
HC23-OM045	M033321	46.50	48.00	3840.00	349.00	994.00	3491.00
HC23-OM045	M033322	48.00	49.50	3752.00	343.00	968.00	3409.00
HC23-OM045	M033323	49.50	51.00	4057.00	382.00	1063.00	3675.00
HC23-OM045	M033324	51.00	52.50	4240.00	390.00	1132.00	3850.00
HC23-OM045	M033325	52.50	54.00	4259.00	396.00	1134.00	3863.00
HC23-OM045	M033326	54.00	55.50	3900.00	359.00	1035.00	3541.00
HC23-OM045	M033327	55.50	57.00	3960.00	370.00	1064.00	3590.00
HC23-OM045	M033328	57.00	58.50	3939.00	370.00	1065.00	3569.00
HC23-OM045	M033329	58.50	60.00	3948.00	363.00	1052.00	3585.00

HC23-OM045	M033330	60.00	61.50	3941.00	369.00	1062.00	3572.00
HC23-OM045	M033331	61.50	63.00	3798.00	342.00	1017.00	3456.00
HC23-OM045	M033332	63.00	64.50	4272.00	382.00	1153.00	3890.00
HC23-OM045	M033333	64.50	66.00	4042.00	373.00	1098.00	3669.00
HC23-OM045	M033334	66.00	67.50	4176.00	386.00	1133.00	3790.00
HC23-OM045	M033335	67.50	69.00	4370.00	394.00	1187.00	3976.00
HC23-OM045	M033336	69.00	70.50	4785.00	444.00	1312.00	4341.00
HC23-OM045	M033337	70.50	72.00	3892.00	371.00	1054.00	3521.00
HC23-OM045	M033338	72.00	73.50	4040.00	369.00	1096.00	3671.00
HC23-OM045	M033339	73.50	75.00	3789.00	350.00	1027.00	3439.00
HC23-OM045	M033340	75.00	76.50	3858.00	356.00	1036.00	3502.00
HC23-OM045	M033342	76.50	78.00	4277.00	383.00	1151.00	3894.00
HC23-OM045	M033343	78.00	79.50	4317.00	363.00	1156.00	3954.00
HC23-OM045	M033344	79.50	81.00	4675.00	361.00	1268.00	4314.00
HC23-OM045	M033345	81.00	82.50	4361.00	357.00	1183.00	4004.00
HC23-OM045	M033346	82.50	84.00	4608.00	363.00	1247.00	4245.00
HC23-OM045	M033347	84.00	85.50	4113.00	343.00	1106.00	3770.00
HC23-OM045	M033348	85.50	87.00	4179.00	360.00	1139.00	3819.00
HC23-OM045	M033349	87.00	88.50	4103.00	358.00	1122.00	3745.00
HC23-OM045	M033350	88.50	90.00	5187.00	396.00	1413.00	4791.00
HC23-OM045	M033351	90.00	91.50	4125.00	357.00	1122.00	3768.00
HC23-OM045	M033352	91.50	93.00	4525.00	373.00	1218.00	4152.00
HC23-OM045	M033353	93.00	94.50	3752.00	373.00	1026.00	3379.00
HC23-OM045	M033354	94.50	96.00	4201.00	362.00	1141.00	3839.00
HC23-OM045	M033355	96.00	97.50	3689.00	354.00	1002.00	3335.00
HC23-OM045	M033356	97.50	99.00	4462.00	381.00	1192.00	4081.00
HC23-OM045	M033357	99.00	100.50	4170.00	375.00	1118.00	3795.00
HC23-OM045	M033358	100.50	102.00	4472.00	365.00	1234.00	4107.00
HC23-OM046	M033359	0.00	1.50	366.00	88.00	98.00	278.00
HC23-OM046	M033361	1.50	3.00	335.00	74.00	92.00	261.00
HC23-OM046	M033362	3.00	4.50	502.00	106.00	140.00	396.00
HC23-OM046	M033363	4.50	6.00	389.00	90.00	105.00	299.00
HC23-OM046	M033364	6.00	7.50	4043.00	372.00	1104.00	3671.00
HC23-OM046	M033365	7.50	9.00	4331.00	381.00	1187.00	3950.00
HC23-OM046	M033366	9.00	10.50	4497.00	389.00	1240.00	4108.00
HC23-OM046	M033367	10.50	12.00	3994.00	366.00	1108.00	3628.00
HC23-OM046	M033368	12.00	13.50	4129.00	377.00	1126.00	3752.00
HC23-OM046	M033369	13.50	15.00	4718.00	439.00	1308.00	4279.00
HC23-OM046	M033370	15.00	16.50	4578.00	423.00	1282.00	4155.00
HC23-OM046	M033371	16.50	18.00	4506.00	417.00	1245.00	4089.00
HC23-OM046	M033372	18.00	19.50	4177.00	386.00	1152.00	3791.00
HC23-OM046	M033373	19.50	21.00	4261.00	401.00	1180.00	3860.00
HC23-OM046	M033374	21.00	22.50	4846.00	442.00	1307.00	4404.00
HC23-OM046	M033375	22.50	24.00	5473.00	481.00	1484.00	4992.00

HC23-OM046	M033376	24.00	25.50	4082.00	370.00	1128.00	3712.00
HC23-OM046	M033377	25.50	27.00	4428.00	421.00	1204.00	4007.00
HC23-OM046	M033378	27.00	28.50	4495.00	420.00	1242.00	4075.00
HC23-OM046	M033379	28.50	30.00	5359.00	471.00	1471.00	4888.00
HC23-OM046	M033381	30.00	31.50	4522.00	436.00	1259.00	4086.00
HC23-OM046	M033382	31.50	33.00	3991.00	369.00	1106.00	3622.00
HC23-OM046	M033383	33.00	34.50	5498.00	476.00	1500.00	5022.00
HC23-OM046	M033384	34.50	36.00	4392.00	398.00	1215.00	3994.00
HC23-OM046	M033385	36.00	37.50	4430.00	415.00	1223.00	4015.00
HC23-OM046	M033386	37.50	39.00	4330.00	369.00	1183.00	3961.00
HC23-OM046	M033387	39.00	40.50	4643.00	414.00	1294.00	4229.00
HC23-OM046	M033388	40.50	42.00	4863.00	464.00	1356.00	4399.00
HC23-OM046	M033389	42.00	43.50	4441.00	433.00	1235.00	4008.00
HC23-OM046	M033390	43.50	45.00	3573.00	372.00	1004.00	3201.00
HC23-OM046	M033391	45.00	46.50	3853.00	394.00	1081.00	3459.00
HC23-OM046	M033392	46.50	48.00	3848.00	390.00	1073.00	3458.00
HC23-OM046	M033393	48.00	49.50	4264.00	388.00	1192.00	3876.00
HC23-OM046	M033394	49.50	51.00	5645.00	431.00	1510.00	5214.00
HC23-OM046	M033395	51.00	52.50	5070.00	432.00	1346.00	4638.00
HC23-OM046	M033396	52.50	54.00	4817.00	431.00	1270.00	4386.00
HC23-OM046	M033397	54.00	55.50	3604.00	361.00	951.00	3243.00
HC23-OM046	M033398	55.50	57.00	3492.00	320.00	911.00	3172.00
HC23-OM046	M033399	57.00	58.50	4619.00	402.00	1215.00	4217.00
HC23-OM046	M033400	58.50	60.00	3931.00	402.00	1029.00	3529.00
HC23-OM046	M033402	60.00	61.50	4885.00	426.00	1278.00	4459.00
HC23-OM046	M033403	61.50	63.00	3940.00	342.00	1043.00	3598.00
HC23-OM046	M033404	63.00	64.50	3937.00	352.00	1034.00	3585.00
HC23-OM046	M033405	64.50	66.00	4087.00	359.00	1075.00	3728.00
HC23-OM046	M033406	66.00	67.50	4106.00	372.00	1076.00	3734.00
HC23-OM046	M033407	67.50	69.00	4257.00	340.00	1098.00	3917.00
HC23-OM046	M033408	69.00	70.50	4161.00	336.00	1083.00	3825.00
HC23-OM046	M033409	70.50	72.00	4221.00	364.00	1111.00	3857.00
HC23-OM046	M033410	72.00	73.50	4063.00	371.00	1064.00	3692.00
HC23-OM046	M033411	73.50	75.00	3936.00	334.00	1029.00	3602.00
HC23-OM046	M033412	75.00	76.50	3924.00	354.00	1033.00	3570.00
HC23-OM046	M033413	76.50	78.00	4099.00	357.00	1083.00	3742.00
HC23-OM046	M033414	78.00	79.50	4203.00	367.00	1107.00	3836.00
HC23-OM046	M033415	79.50	81.00	4314.00	366.00	1141.00	3948.00
HC23-OM046	M033416	81.00	82.50	4398.00	374.00	1165.00	4024.00
HC23-OM046	M033417	82.50	84.00	4256.00	369.00	1123.00	3887.00
HC23-OM046	M033418	84.00	85.50	4245.00	381.00	1125.00	3864.00
HC23-OM046	M033419	85.50	87.00	4231.00	373.00	1121.00	3858.00
HC23-OM046	M033421	87.00	88.50	4109.00	359.00	1070.00	3750.00
HC23-OM046	M033422	88.50	90.00	3808.00	344.00	995.00	3464.00

HC23-OM046	M033423	90.00	91.50	3969.00	351.00	1033.00	3618.00
HC23-OM046	M033424	91.50	93.00	3797.00	335.00	995.00	3462.00
HC23-OM046	M033425	93.00	94.50	4033.00	362.00	1066.00	3671.00
HC23-OM046	M033426	94.50	96.00	4210.00	351.00	1106.00	3859.00
HC23-OM046	M033427	96.00	97.50	4209.00	308.00	1104.00	3901.00
HC23-OM046	M033428	97.50	99.00	4238.00	372.00	1112.00	3866.00
HC23-OM046	M033429	99.00	100.50	4018.00	343.00	1057.00	3675.00
HC23-OM046	M033430	100.50	102.00	3767.00	329.00	974.00	3438.00
HC23-OM047	M033431	0.00	1.50	401.00	77.00	109.00	324.00
HC23-OM047	M033432	1.50	3.00	308.00	66.00	80.00	242.00
HC23-OM047	M033433	3.00	4.50	536.00	127.00	143.00	409.00
HC23-OM047	M033434	4.50	6.00	731.00	149.00	203.00	582.00
HC23-OM047	M033435	6.00	7.50	4418.00	357.00	1152.00	4061.00
HC23-OM047	M033436	7.50	9.00	4567.00	375.00	1202.00	4192.00
HC23-OM047	M033437	9.00	10.50	4480.00	369.00	1177.00	4111.00
HC23-OM047	M033438	10.50	12.00	4690.00	388.00	1223.00	4302.00
HC23-OM047	M033439	12.00	13.50	4876.00	410.00	1256.00	4466.00
HC23-OM047	M033441	13.50	15.00	4890.00	389.00	1269.00	4501.00
HC23-OM047	M033442	15.00	16.50	5087.00	428.00	1305.00	4659.00
HC23-OM047	M033443	16.50	18.00	5027.00	413.00	1310.00	4614.00
HC23-OM047	M033444	18.00	19.50	5270.00	431.00	1353.00	4839.00
HC23-OM047	M033445	19.50	21.00	5196.00	433.00	1342.00	4763.00
HC23-OM047	M033446	21.00	22.50	4798.00	391.00	1250.00	4407.00
HC23-OM047	M033447	22.50	24.00	4978.00	394.00	1293.00	4584.00
HC23-OM047	M033448	24.00	25.50	4857.00	413.00	1274.00	4444.00
HC23-OM047	M033449	25.50	27.00	5095.00	409.00	1308.00	4686.00
HC23-OM047	M033450	27.00	28.50	4559.00	379.00	1213.00	4180.00
HC23-OM047	M033451	28.50	30.00	4140.00	363.00	1091.00	3777.00
HC23-OM047	M033452	30.00	31.50	4396.00	365.00	1151.00	4031.00
HC23-OM047	M033453	31.50	33.00	4482.00	382.00	1175.00	4100.00
HC23-OM047	M033454	33.00	34.50	4467.00	387.00	1188.00	4080.00
HC23-OM047	M033455	34.50	36.00	4199.00	364.00	1114.00	3835.00
HC23-OM047	M033456	36.00	37.50	4504.00	381.00	1204.00	4123.00
HC23-OM047	M033457	37.50	39.00	4223.00	365.00	1117.00	3858.00
HC23-OM047	M033458	39.00	40.50	4250.00	362.00	1110.00	3888.00
HC23-OM047	M033459	40.50	42.00	4208.00	354.00	1118.00	3854.00
HC23-OM047	M033460	42.00	43.50	4109.00	363.00	1084.00	3746.00
HC23-OM047	M033462	43.50	45.00	4132.00	357.00	1097.00	3775.00
HC23-OM047	M033463	45.00	46.50	4356.00	378.00	1162.00	3978.00
HC23-OM047	M033464	46.50	48.00	4139.00	360.00	1099.00	3779.00
HC23-OM047	M033465	48.00	49.50	3699.00	330.00	976.00	3369.00
HC23-OM047	M033466	49.50	51.00	4433.00	372.00	1183.00	4061.00
HC23-OM047	M033467	51.00	52.50	4500.00	373.00	1208.00	4127.00
HC23-OM047	M033468	52.50	54.00	3996.00	355.00	1069.00	3641.00

HC23-OM047	M033469	54.00	55.50	4268.00	386.00	1148.00	3882.00
HC23-OM047	M033470	55.50	57.00	4296.00	382.00	1175.00	3914.00
HC23-OM047	M033471	57.00	58.50	4180.00	358.00	1125.00	3822.00
HC23-OM047	M033472	58.50	60.00	3750.00	348.00	1010.00	3402.00
HC23-OM047	M033473	60.00	61.50	4072.00	368.00	1102.00	3704.00
HC23-OM047	M033474	61.50	63.00	4027.00	370.00	1097.00	3657.00
HC23-OM047	M033475	63.00	64.50	3834.00	347.00	1036.00	3487.00
HC23-OM047	M033476	64.50	66.00	4016.00	358.00	1080.00	3658.00
HC23-OM047	M033477	66.00	67.50	4005.00	354.00	1080.00	3651.00
HC23-OM047	M033478	67.50	69.00	3769.00	350.00	1011.00	3419.00
HC23-OM047	M033479	69.00	70.50	4035.00	354.00	1082.00	3681.00
HC23-OM047	M033481	70.50	72.00	3799.00	332.00	1019.00	3467.00
HC23-OM047	M033482	72.00	73.50	3222.00	281.00	858.00	2941.00
HC23-OM047	M033483	73.50	75.00	3326.00	296.00	894.00	3030.00
HC23-OM047	M033484	75.00	76.50	3319.00	288.00	894.00	3031.00
HC23-OM047	M033485	76.50	78.00	3515.00	325.00	957.00	3190.00
HC23-OM047	M033486	78.00	79.50	3426.00	320.00	928.00	3106.00
HC23-OM047	M033487	79.50	81.00	3046.00	272.00	812.00	2774.00
HC23-OM047	M033488	81.00	82.50	3233.00	291.00	861.00	2942.00
HC23-OM047	M033489	82.50	84.00	2837.00	248.00	754.00	2589.00
HC23-OM047	M033490	84.00	85.50	3477.00	307.00	940.00	3170.00
HC23-OM047	M033491	85.50	87.00	3179.00	282.00	845.00	2897.00
HC23-OM047	M033492	87.00	88.50	3277.00	302.00	877.00	2975.00
HC23-OM047	M033493	88.50	90.00	3293.00	293.00	892.00	3000.00
HC23-OM047	M033494	90.00	91.50	3337.00	303.00	900.00	3034.00
HC23-OM047	M033495	91.50	93.00	3158.00	284.00	843.00	2874.00
HC23-OM047	M033496	93.00	94.50	3980.00	332.00	1062.00	3648.00
HC23-OM047	M033497	94.50	96.00	4123.00	343.00	1100.00	3780.00
HC23-OM047	M033498	96.00	97.50	4082.00	331.00	1096.00	3751.00
HC23-OM047	M033499	97.50	99.00	3746.00	316.00	1002.00	3430.00
HC23-OM047	M033501	99.00	100.50	4730.00	362.00	1243.00	4368.00
HC23-OM047	M033502	100.50	102.00	4253.00	331.00	1133.00	3922.00
HC23-OM048	M033503	0.00	1.50	1632.00	164.00	423.00	1468.00
HC23-OM048	M033504	1.50	3.00	3058.00	296.00	811.00	2762.00
HC23-OM048	M033505	3.00	4.50	3917.00	356.00	1060.00	3561.00
HC23-OM048	M033506	4.50	6.00	3586.00	334.00	966.00	3252.00
HC23-OM048	M033507	6.00	7.50	3702.00	334.00	989.00	3368.00
HC23-OM048	M033508	7.50	9.00	3607.00	338.00	960.00	3269.00
HC23-OM048	M033509	9.00	10.50	3628.00	349.00	971.00	3279.00
HC23-OM048	M033510	10.50	12.00	3688.00	356.00	981.00	3332.00
HC23-OM048	M033511	12.00	13.50	3760.00	374.00	1000.00	3386.00
HC23-OM048	M033512	13.50	15.00	3830.00	391.00	1026.00	3439.00
HC23-OM048	M033513	15.00	16.50	3315.00	347.00	888.00	2968.00
HC23-OM048	M033514	16.50	18.00	3598.00	369.00	966.00	3229.00

HC23-OM048	M033515	18.00	19.50	3581.00	373.00	953.00	3208.00
HC23-OM048	M033516	19.50	21.00	3818.00	380.00	1019.00	3438.00
HC23-OM048	M033517	21.00	22.50	3669.00	353.00	984.00	3316.00
HC23-OM048	M033518	22.50	24.00	3368.00	342.00	901.00	3026.00
HC23-OM048	M033519	24.00	25.50	3543.00	360.00	944.00	3183.00
HC23-OM048	M033520	25.50	27.00	3503.00	376.00	943.00	3127.00
HC23-OM048	M033522	27.00	28.50	3465.00	368.00	926.00	3097.00
HC23-OM048	M033523	28.50	30.00	3438.00	350.00	924.00	3088.00
HC23-OM048	M033524	30.00	31.50	3302.00	357.00	879.00	2945.00
HC23-OM048	M033525	31.50	33.00	3728.00	380.00	992.00	3348.00
HC23-OM048	M033526	33.00	34.50	3516.00	363.00	938.00	3153.00
HC23-OM048	M033527	34.50	36.00	3599.00	356.00	964.00	3243.00
HC23-OM048	M033528	36.00	37.50	3344.00	336.00	884.00	3008.00
HC23-OM048	M033529	37.50	39.00	3079.00	312.00	820.00	2767.00
HC23-OM048	M033530	39.00	40.50	2972.00	308.00	793.00	2664.00
HC23-OM048	M033531	40.50	42.00	2851.00	311.00	763.00	2540.00
HC23-OM048	M033532	42.00	43.50	2906.00	335.00	788.00	2571.00
HC23-OM048	M033533	43.50	45.00	3071.00	350.00	823.00	2721.00
HC23-OM048	M033534	45.00	46.50	3289.00	380.00	879.00	2909.00
HC23-OM048	M033535	46.50	48.00	2901.00	345.00	770.00	2556.00
HC23-OM048	M033536	48.00	49.50	3132.00	359.00	834.00	2773.00
HC23-OM048	M033537	49.50	51.00	2915.00	341.00	775.00	2574.00
HC23-OM048	M033538	51.00	52.50	2883.00	326.00	741.00	2557.00
HC23-OM048	M033539	52.50	54.00	3069.00	340.00	789.00	2729.00
HC23-OM048	M033541	54.00	55.50	2964.00	351.00	781.00	2613.00
HC23-OM048	M033542	55.50	57.00	2968.00	364.00	779.00	2604.00
HC23-OM048	M033543	57.00	58.50	3329.00	348.00	864.00	2981.00
HC23-OM048	M033544	58.50	60.00	3331.00	335.00	863.00	2996.00
HC23-OM048	M033545	60.00	61.50	3453.00	340.00	901.00	3113.00
HC23-OM048	M033546	61.50	63.00	3443.00	340.00	894.00	3103.00
HC23-OM048	M033547	63.00	64.50	2944.00	320.00	761.00	2624.00
HC23-OM048	M033548	64.50	66.00	2966.00	311.00	773.00	2655.00
HC23-OM048	M033549	66.00	67.50	3320.00	351.00	868.00	2969.00
HC23-OM048	M033550	67.50	69.00	3161.00	321.00	822.00	2840.00
HC23-OM048	M033551	69.00	70.50	2815.00	299.00	735.00	2516.00
HC23-OM048	M033552	70.50	72.00	3095.00	322.00	813.00	2773.00
HC23-OM048	M033553	72.00	73.50	3172.00	318.00	830.00	2854.00
HC23-OM048	M033554	73.50	75.00	2892.00	304.00	761.00	2588.00
HC23-OM048	M033555	75.00	76.50	2941.00	303.00	771.00	2638.00
HC23-OM048	M033556	76.50	78.00	3164.00	353.00	838.00	2811.00
HC23-OM048	M033557	78.00	79.50	3249.00	346.00	860.00	2903.00
HC23-OM048	M033558	79.50	81.00	3150.00	339.00	829.00	2811.00
HC23-OM048	M033559	81.00	82.50	2845.00	298.00	743.00	2547.00
HC23-OM048	M033561	82.50	84.00	3171.00	305.00	824.00	2866.00

HC23-OM048	M033562	84.00	85.50	2944.00	306.00	771.00	2638.00
HC23-OM048	M033563	85.50	87.00	3185.00	322.00	833.00	2863.00
HC23-OM048	M033564	87.00	88.50	3290.00	327.00	859.00	2963.00
HC23-OM048	M033565	88.50	90.00	3171.00	324.00	834.00	2847.00
HC23-OM048	M033566	90.00	91.50	3503.00	341.00	910.00	3162.00
HC23-OM048	M033567	91.50	93.00	3389.00	328.00	883.00	3061.00
HC23-OM048	M033568	93.00	94.50	3277.00	331.00	861.00	2946.00
HC23-OM048	M033569	94.50	96.00	3227.00	321.00	835.00	2906.00
HC23-OM048	M033570	96.00	97.50	3919.00	350.00	1014.00	3569.00
HC23-OM048	M033571	97.50	99.00	4743.00	383.00	1232.00	4360.00
HC23-OM048	M033572	99.00	100.50	4291.00	359.00	1120.00	3932.00
HC23-OM048	M033573	100.50	102.00	4764.00	379.00	1240.00	4385.00