ASX ANNOUNCEMENT
20 September 2023

Highest Ever Silver Grades and Further Strong Intercepts in the Shallow Starter Zone at Maronan Project

HIGHLIGHTS

- **Latest drilling at Maronan has returned further wide intercepts of high grade silver with lead mineralisation within the shallow Starter Zone**
- **Results include an individual assay returning 872g/t silver - the highest ever recorded from the project**
- **Significant intercepts from the Eastern Horizons include:**
  - **21.15m @ 5.0% lead, 195g/t silver (329g/t Silver Equivalent) (MRN23013), including**
    - 6.15m @ 6.9% lead, 517g/t silver (685g/t Silver Equivalent), and
    - 2.0m @ 10.4% lead, 851g/t silver (1,099g/t Silver Equivalent)
  - **4.20m @ 6.6% lead, 327g/t silver, 0.15g/t Au (499g/t Silver Equivalent) (MRN23010)**
  - **5.10m @ 6.9% lead, 121g/t silver (316g/t Silver Equivalent) (MRN23011), including**
    - 3.0m @ 5.6% lead, 147g/t silver (302g/t Silver Equivalent)
  - **4.07m @ 7.7% lead, 170g/t silver (386g/t Silver Equivalent) (MRN23012) including**
    - 1.74m @ 14.8% lead, 320g/t silver (735g/t Silver Equivalent), plus
  - **10.0m @ 4.5% lead, 112g/t silver (237g/t Silver Equivalent) (MRN23012) including**
    - 4.0m @ 5.0% lead, 200g/t silver (334g/t Silver Equivalent)

Maronan Metals Ltd (ASX:MMA) (**Maronan** or the **Company)**, an Australian mineral explorer focused on realising the growth potential of the advanced Maronan Copper-Gold and Silver-Lead deposit in the Cloncurry region of Northwest Queensland, is pleased to announce further high grade silver with lead results from ongoing exploratory drilling. The Maronan Project is one of Australia's largest and highest grade undeveloped silver resources located just 90km north of the giant Cannington Silver-Lead-Zinc Mine.

Maronan Metals Managing Director Richard Carlton commented:

> *"The outstanding results from MRN23013 and further solid results from MRN23010, MRN23011 and MRN23012 continue to demonstrate the strong geological and grade continuity of the Eastern Horizon within the shallow Starter Zone re-enforcing its near-term development potential."*

Results Discussion – MRN23010, MRN23011, MRN23012 and MRN23013

Drillholes MRN23010 – MRN23013 were designed to target the silver-rich Eastern Horizons to further define the shallow Starter Zone at a depth ranging between 100m and 400m below surface (Figure 1). Drilling has continued to deliver continuity of grade and thickness and has also returned some spectacular true width intercepts of high grade silver with lead mineralisation (see Table 1).

MRN23013 (Figures 1 & 3) was drilled below MRN23005 and south of MRN23001 targeting a similar broad interval from the Eastern Horizons. Results have confirmed the strong continuity between holes with the return of a broad interval of mineralisation including the highest ever recorded individual silver assay of 872g/t. Results included:

- 21.15m @ 5.0% lead, 195g/t silver (329g/t Silver Equivalent) including
  - 6.15m @ 6.9% lead, 517g/t silver (685g/t Silver Equivalent), and
  - 2.0m @ 10.4% lead, 851g/t silver (1099g/t Silver Equivalent)

MRN23012 (Figures 1 & 2) was targeted north of MRN23007 and returned two zones of silver-lead mineralisation in the Eastern Horizons. These included:

- 4.07m @ 7.7% lead, 170g/t silver (386g/t Silver Equivalent) including
  - 1.74m @ 14.8% lead, 320g/t silver (735g/t Silver Equivalent), plus
- 10.0m @ 4.5% lead, 112g/t silver (237g/t Silver Equivalent) including
  - 4.0m @ 5.0% lead, 200g/t silver (334g/t Silver Equivalent)

MRN23010 (Figures 1 & 4) and **MRN23011** (Figures 1 & 2) were both designed to test the continuity of the Eastern Horizons at potential close out positions of the mineralisation. Both holes returned silver-lead intervals consistent with the Company's geological model. Results included:

- 4.2m @ 6.6% lead, 327g/t silver, 0.15g/t Au (499g/t Silver Equivalent) (MRN23010)
- 5.1m @ 6.9% lead, 121g/t silver (316g/t Silver Equivalent) (MRN23011), including
  - 3.0m @ 5.6% lead, 147g/t silver (302g/t Silver Equivalent)

The new data further supports our geologists' steep-plunge interpretation for the thickened high-grade silver-lead zones providing greater predictability for future drilling.

Ongoing Drill Program

To the end of August 2023, Maronan Metals had completed 15,145m of diamond drilling at the Maronan Project since drilling commenced in August 2022. The current drilling continues to focus on expanding and improving confidence within the near-surface Starter Zone in preparation for updating the 2015 resource and previous mine development study in H1 CY24.

Table 1: Summary of assay results from MRN23010, MRN23011, MRN23012 and MRN23013 using a lower cut-off grade of 1 weight percentage for lead

Hole Number	From (m)	Down-hole Intercept (m)	Estimated True Width (m)	Lead wt%	Silver g/t	Zinc wt%	Copper wt%	Gold g/t	Silver Equiv g/t	Mineralised Horizons
MRN23010	189	3	2.4				1.0	0.42		Copper Zone
	212	1.7	1.4	3.2	19	0.6			112	Western Horizon
	214.4	4.4	3.5	1.8	22	0.8			74	Western Horizon
	219.3	6.7	5.4	2.8	34	0.3			114	Western Horizon
	228	1	0.8	3.9	54				165	Western Horizon
	234.8	0.7	0.6	4.7	37				173	Western Horizon
	316	2	1.6	5.6	235			0.16	384	Eastern Horizon
	324	2	1.6	2.8	79				156	Eastern Horizon
	346	0.77	0.6	1.4	58				95	Eastern Horizon
	430.8	4.2	3.4	6.6	327			0.15	499	Eastern Horizon
MRN23011	49	1.0	0.9		126					Mesozoic cover
	49.48	2.02	1.8	9.9						Mesozoic cover
	53	4.1	3.6					0.89		Oxide
	63	2	1.8				0.2	0.94		Oxide
	69.5	1.7	1.5					0.63		Oxide
	90.57	4.93	4.4				0.47	0.10		Copper Zone
	144.9	5.1	4.6	6.9	121				316	Eastern Horizon
	157	1	0.9	5.8	96			0.21	261	Eastern Horizon
	187	3	2.7	5.6	147				302	Eastern Horizon
	193	1.67	1.5	4.3	117				236	Eastern Horizon
	203	5	4.5	2.2	69				129	Eastern Horizon
MRN23012	247	2	1.8				0.52	0.96		Copper Zone
	257	0.48	0.4				1.23	4.28		Copper Zone
	263	1	0.9				0.36	1.43		Copper Zone
	322	1.5	1.3	15.0	129			0.17	563	Eastern Horizon
	335	1	0.9	7.6	165				378	Eastern Horizon
	373.13	4.07	3.7	7.7	170				386	Eastern Horizon
includes	373.13	1.74	1.6	14.8	320				735	Eastern Horizon
	379	10	9	4.5	112				237	Eastern Horizon
Includes	384	4	3.6	5.0	200				334	Eastern Horizon
	404	4.95	4.5	3.2	85				174	Eastern Horizon
Includes	407	1.95	1.8	5.1	135				276	Eastern Horizon

Hole Number	From (m)	Down-hole Intercept (m)	Estimated True Width (m)	Lead wt%	Silver g/t	Zinc wt%	Copper wt%	Gold g/t	Silver Equiv g/t	Mineralised Horizons
MRN23013	191	8	7.2				1.42	0.68		Copper Zone
includes	191	2	1.8				1.84	0.65		Copper Zone
includes	198	1	0.9				5.83	2.93		Copper Zone
	265	21.15	19.0	5.0	195				329	Eastern Horizon
includes	280	6.15	5.5	6.9	517				685	Eastern Horizon
includes	283	2	1.8	10.4	851				1099	Eastern Horizon
	291	1	0.9	6.0	211				374	Eastern Horizon
	314.35	1.35	1.2	3.8	103				208	Eastern Horizon

Note - the equivalent calculation in Table 1 takes into account the preliminary metallurgical results that highlighted simple processing routes to achieve recoveries of 95% for the lead and 93% for the silver (refer to Red Metal ASX announcement dated 29 July 2015) and assumes 95% recovery of the zinc with the lead. Zinc values have not been used in the lead equivalent calculation due to the lack of metallurgical test work on the zinc-bearing ore types. A Lead price of USD$2000/t and a silver price of USD$20/oz have been assumed in these calculations

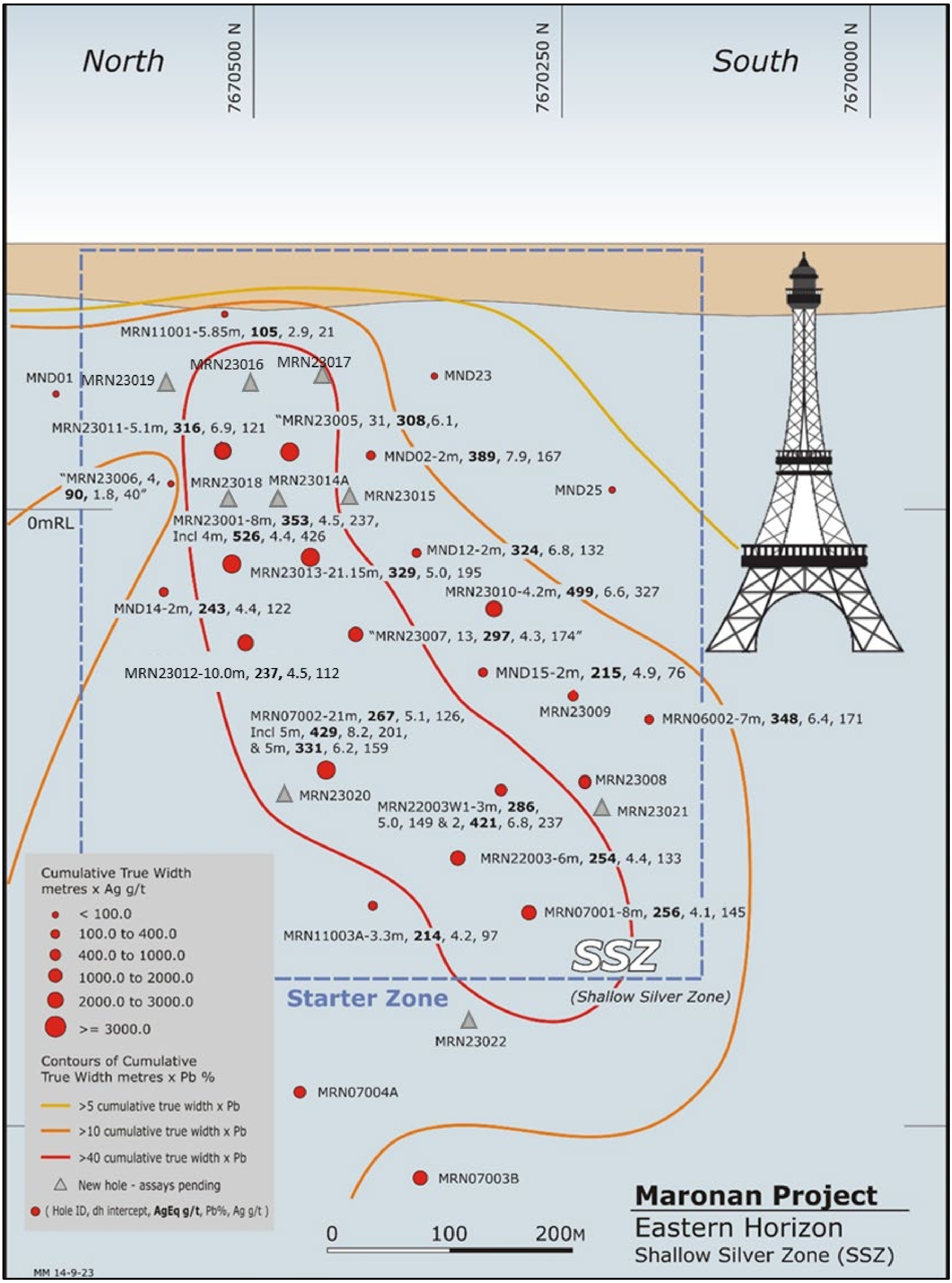

Figure 1: Eastern Horizon Long section showing MRN23010, MRN23011, MRN23012 and MRN23013 highlighting strong geological and grade continuity of the silver rich Eastern Horizon and its steep plunge

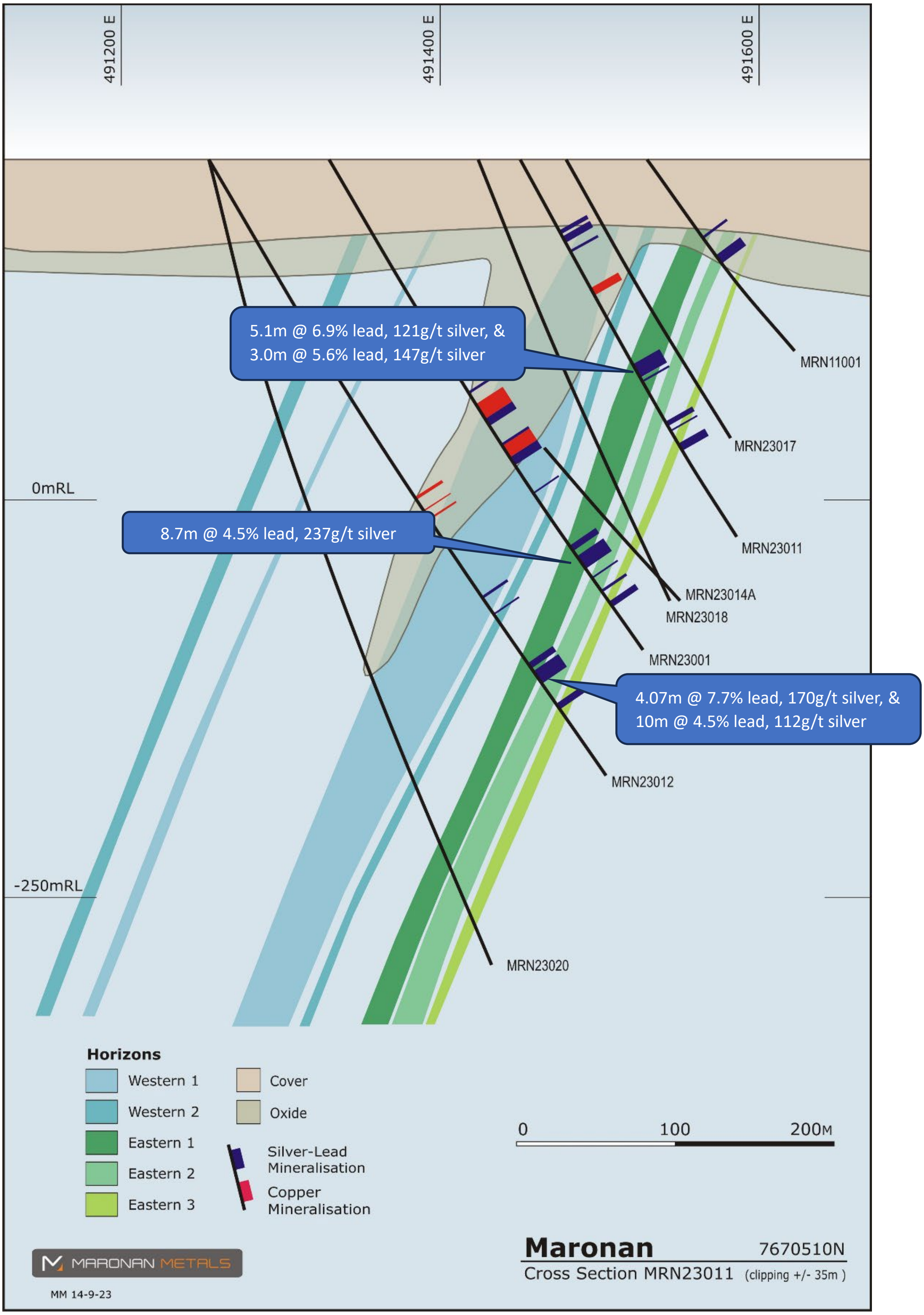

Figure 2: Cross section showing MRN23011 and MRN23012 highlighting strong geological and grade continuity of the separate Eastern Horizons within the shallow Starter Zone.

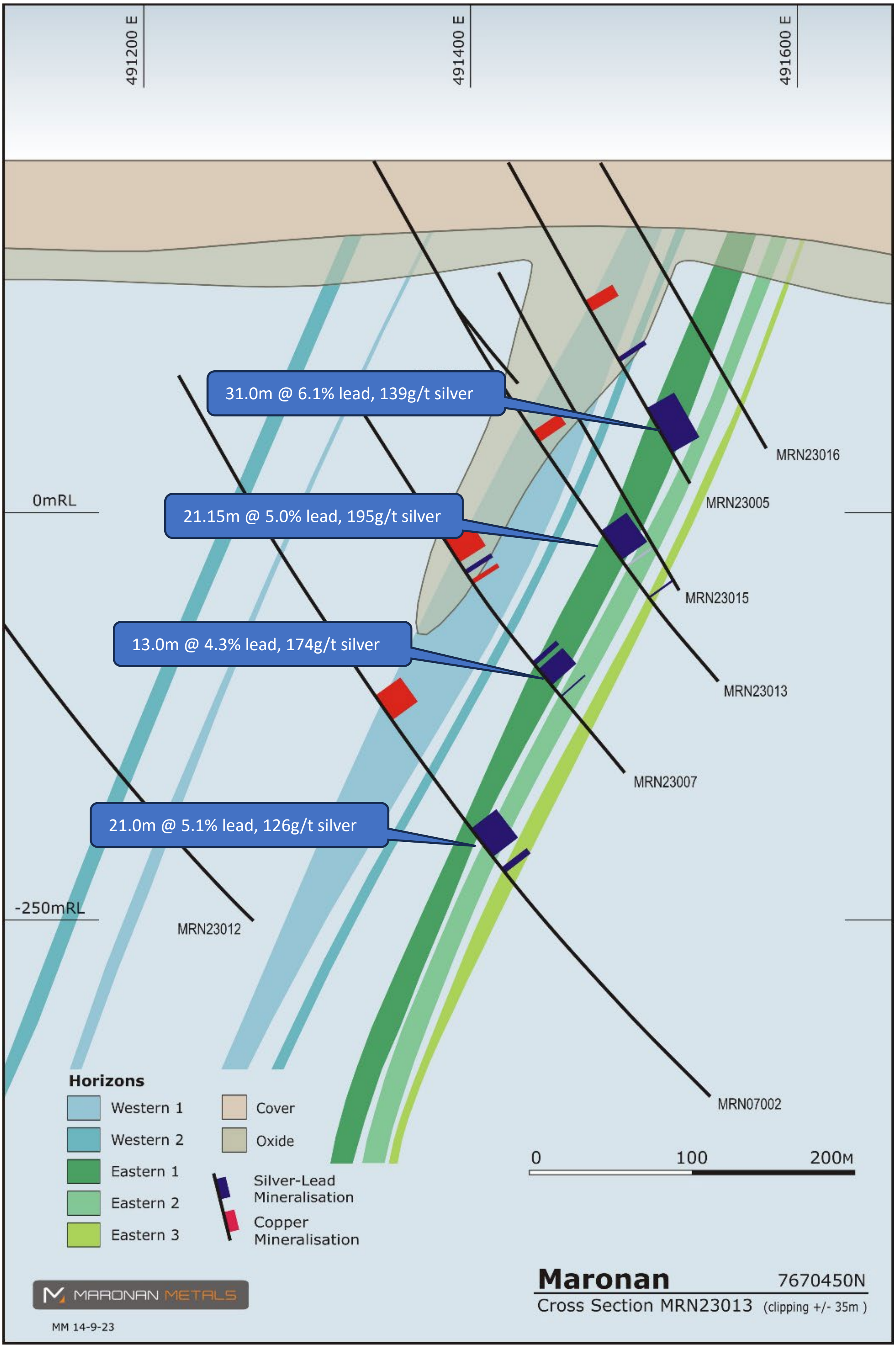

Figure 3: Cross section, showing results for MRN23013 highlighting strong geological and grade continuity of the Eastern Horizons within the shallow Starter Zone.

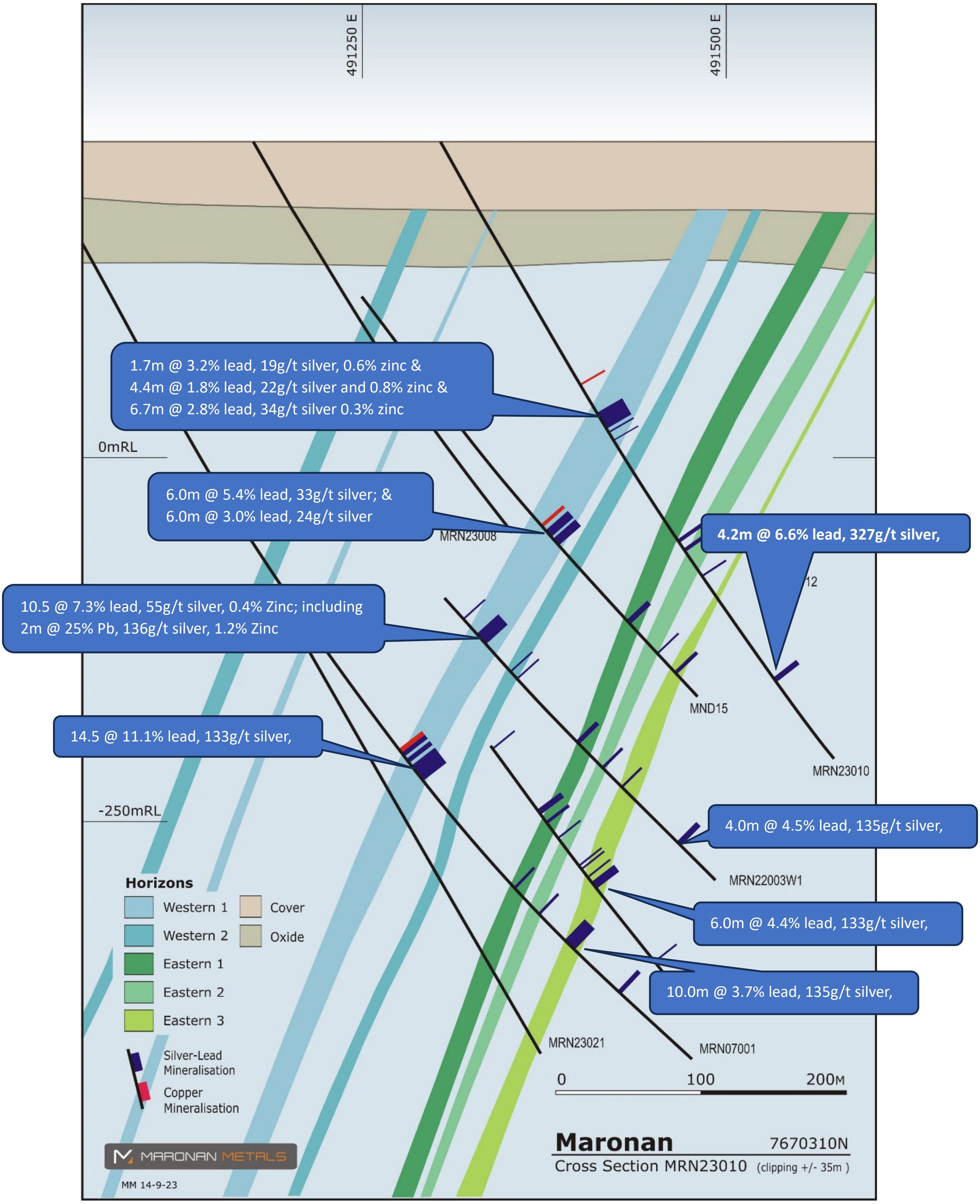

Figure 4: Cross section showing MRN23010 highlighting strong geological and grade continuity of the separate Western and Eastern Horizons within the shallow Starter Zone.

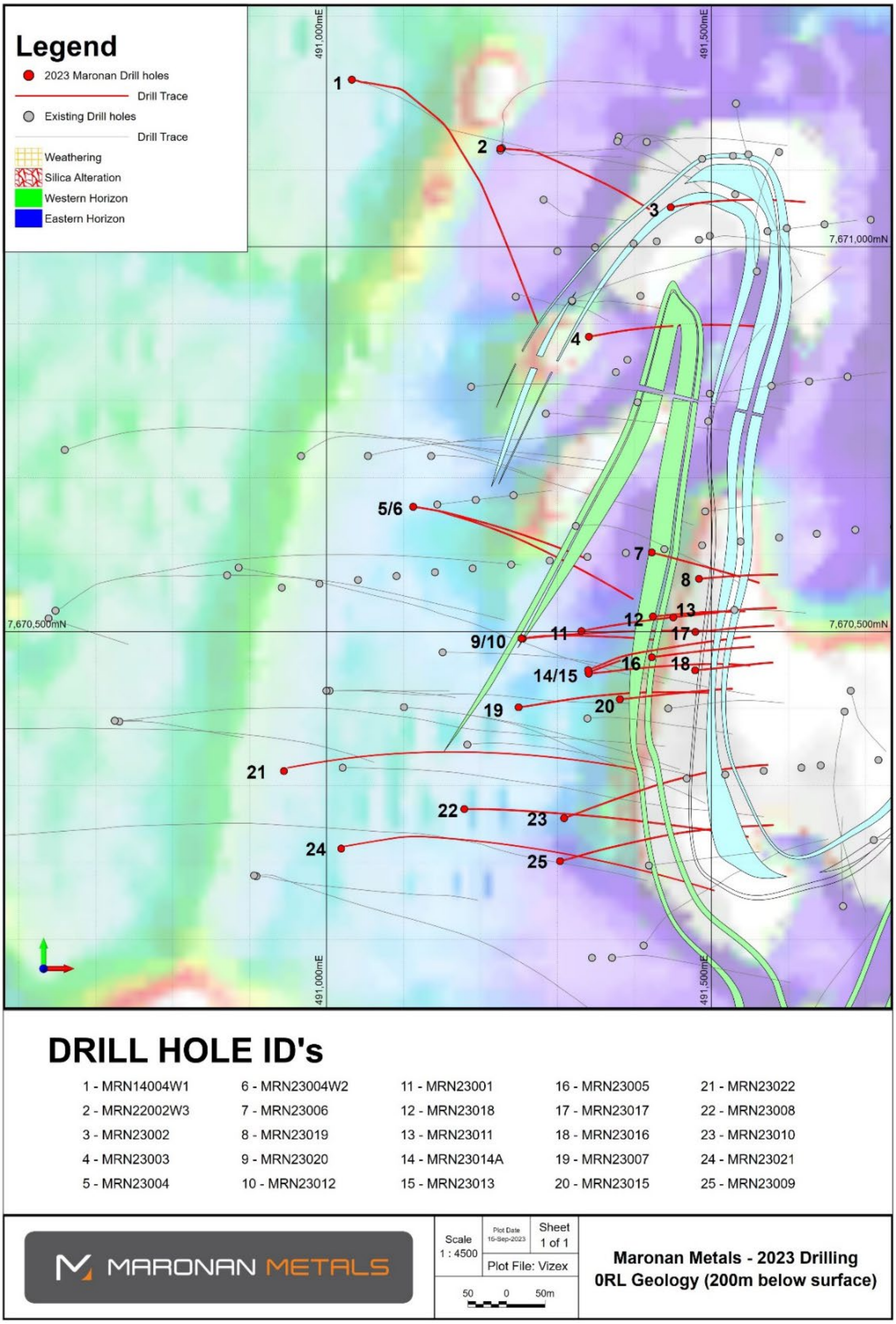

Figure 5: Plan view of 2022/2023 drilling completed and in progress at the Maronan Project with respect to key

Table 2: Summary of drilling completed since 1 January 2023

Drill Hole	East	North	RL	Dip	Azimuth	Hole Depth	Target	Assay Results
MRN22005	490660	7670730	211	-80	75	1,543.8m	Target 4 - below MRN12004B.	ASX Release: 4/4/23
MRN23001	491330	7670500	212	-60	80	366m	Starter Zone	ASX Release: 18/4/23
MRN23002	491447	7671050	212	-70	80	421.0m	NFZ - Gold	Assays received – not material
MRN23003	491343	7670883	211	-65	80	450.9m	NFZ - Target 2 up-plunge	Assays received – not material
MRN22002W3	491227	7671127	210.8	-80	90	759.7	NFZ -Target 2	Assays received – not material
MRN23004	491111	7670663	211	-80	100	834.8	Starter Zone to Target 3 Link	ASX Release: 19/7/2023
MRN23004W2	491111	7670663	211	-80	100	720.6	Starter Zone to Target 3 Link	ASX Release: 19/7/2023
MRN23005	491423	7670460	210	-60	85	272.6	Starter Zone	ASX Release: 29/5/2023
MRN23006	491421	7670599	210	-60	105	299.4	Starter Zone	ASX Release 31/7/2023
MRN14004W1	491033	7671217	210	-88	92	1320m	Copper-Gold Zone/DHEM Plate	ASX Release: 19/7/2023
MRN23007	491254	7670402	211	-60	85	450.3	Shallow Silver Zone	ASX Release 31/7/2023
MRN23008	491180	7670270	211	-60	90	615	Starter Zone	ASX Release 9/8/2023
MRN23009	491305	7670202	210	-60	75	493.4	Starter Zone	ASX Release 9/8/2023
MRN23010	491308	7670253	210	-60	70	504.5	Starter Zone	**This Release**
MRN23011	491450	7670520	212	-60	85	270.7	Shallow Silver Zone	**This Release**
MRN23012	491254	7670500	211	-60	85	460.7	Shallow Silver Zone	**This Release**
MRN23013	491340	7670445	211	-60	85	381.7	Shallow Silver Zone	**This Release**
MRN23014A	491340	7670445	211	-55	69	351.6	Shallow Silver Zone	Expected Oct 2023
MRN23015	491381	7670410	212	-60	85	300.7	Shallow Silver Zone	Expected Oct 2023
MRN23016	491480	7670448	212	-60	85	201.6	Shallow Silver Zone	Expected Oct 2023
MRN23017	491480	7670500	212	-60	85	201.6	Shallow Silver Zone	Expected Oct 2023
MRN23018	491424	7670520	212	-68	85	300.5	Shallow Silver Zone	Expected Nov 2023
MRN23019	491484	7670568	212	-60	85	198.1	Shallow Silver Zone	Expected Nov 2023
MRN23020	491253	7670491	212	-75	85	537.5	Shallow Silver Zone	Expected Nov 2023
MRN23021	491019	7670218	213	-60	80	680.9	Western Horizon	
MRN23022	490949	7670323	212	-65	80	Ready to drill	Western Horizon	

-ENDS-

This announcement was authorised by the Board of Maronan Metals Limited.

For further information on the Company, please visit: maronanmetals.com.au

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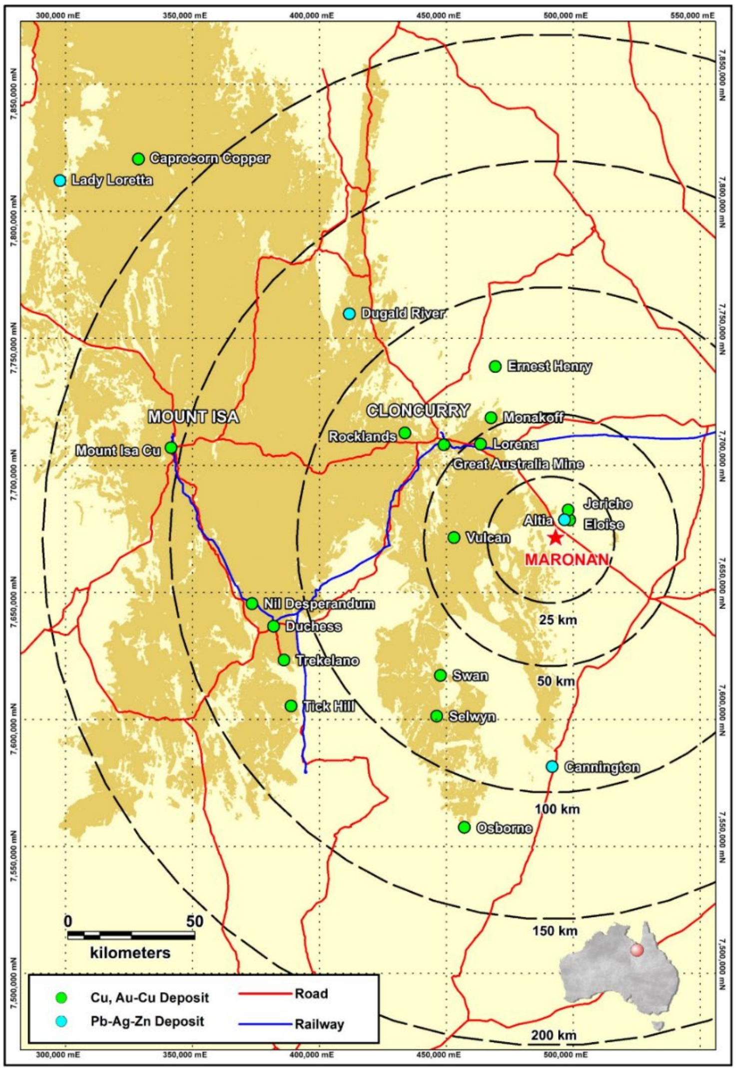
Maronan Metals Limited (ASX:MMA) is an Australian mineral explorer focused on realising the growth potential of the advanced Maronan copper-gold and silver-lead deposit in the Cloncurry region of northwest Queensland - one of Australia's most productive mineral provinces.

The Maronan Project contains JORC 2012 compliant Inferred Resources of:

- 30.8Mt @ 6.5% lead with 106 g/t silver (using a 3% lead cut-off grade)
- 11Mt @ 1.6% copper with 0.8 g/t gold (using a 1.0% copper cut-off grade)

The deposit offers significant untested exploration upside for high-value targets near surface and at depth.



COMPETENT PERSONS STATEMENT

The information in this report that relates to Exploration Results is based on and fairly represents information and supporting documentation compiled by Mr Robert Rutherford, who is a member of the Australian Institute of Geoscientists (AIG). Mr Rutherford is the Non-Executive Technical Director of the Company. Mr Rutherford 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 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Rutherford consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Silver Equivalent Calculation

Silver Equivalent was calculated using the formula: AgEq = ((Ag (ppm) * Agrec *Agprice) + (Pb (%) * Pbrec *Pbprice)

- Ag (ppm) is the assay grade in parts per million of silver
- Agprice is the value of 1g/t silver based on a price assumption of $USD20/ounce). In this instance the value of $0.643
- Agrec is the estimated silver recovery from metallurgical testwork at Maronan of 93%.
- Pb (%) is the weight percent assay grade for Lead
- Pbprice is the value of 1% Lead based on a price assumption of $USD2000/tonne). In this instance the value of $20
- Pbrec is the estimated silver recovery from metallurgical testwork at Maronan of 95%
- The formula calculates the value of metal for Silver and Lead and divides by the value of 1g/t silver to calculate the silver Equivalent value
- This Silver Equivalent calculation does not take into account any assumptions about payability, treatment costs or refining cost. Zinc is not included in the Silver Equivalent calculation as no metallurgical testwork on zinc containing material has been conducted at this point in time, and the distribution of zinc is poorly constrained

Appendix 1. JORC Code, 2012 Edition – Table 1 report template

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.*	• Sampling has been half-core sampling of diamond drill core. Core has been cut using an automatic corewise core saw. • Samples have been submitted for assay analysis with ALS Global at the Mt Isa Laboratory. Samples are crushed and pulverized to 85% passing 75um. Samples are then assayed using the Au-AA25 (30g fire assay) and ME-MS61 assay methods (48 element ICP-MS suite). For samples that return over-limit assays from the ME-MS61 assays, samples are re-assayed using the OG62 method. • Maronan Metals has included standard and blank samples to monitor laboratory performance at a rate of approximately 1:25 samples. In addition to this, ALS has also included addition standard and blank materials to monitor the performance of the laboratory.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• MRN23010 – Diamond Drilling. PQ3: 0 – 71.9m; HQ3: 71.9 – 122.4m; NQ2: 122.4 – 504.5m • MRN23011 – Diamond Drilling. PQ3: 0 – 95.8m; HQ3: 95.8 – 270.7m • MRN23012 – Diamond Drilling. PQ: 0 – 72.2m; HQ3: 72.2 – 323.5m; NQ2 323.5 – 460.7m • MRN23013 – Diamond Drilling. PQ3: 0 – 68.7m; HQ3: 68.7 – 381.7m • HQ AND NQ Drill core was oriented using the Reflex ACT3 digital orientation tool

Criteria	JORC Code explanation	Commentary
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Overall – drill recoveries are very good. There is some core loss drilling through the transported cover sequence. • In MRN23010 – two voids were intersected when drilling through the Western Horizon mineralisation, totaling a combined 1.2m of loss. These intervals have been record and noted with the assay results. • In MRN23011 – there were some intervals of coreloss within mineralisation encountered in the oxide zone. Recoveries through these intervals are all recorded, and coreloss intervals are noted in the comments for the assays • Maronan Metals has been drilling triple tube diamond core through the intervals where coreloss has been noted to maximise recoveries through these intervals. • Recovery was recorded for every drill run by measuring the length of the run drilled vs the length of core recovered. • It is not known at this point in time whether there is a relationship between sample recovery and grade, or whether sample bias has occurred due to preferential loss or gain of material.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Drill core has been logged for lithology, alteration and mineralisation and geotechnical RQD has been recorded. Specific Gravity measurements have been taken using the Archimedes Method (Dry Weight/(Dry Weight – Wet Weight). Magnetic Susceptibility reading have been collected using a K10 Magnetic Susceptibility machine. • Logging of lithology and alteration is qualitative. Logging is sulphide mineralisation considered to be semi-quantitative in nature. • All drill core has been photographed • The total length (100%) of recovered drill core for each drill hole has been logged.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness*	• Drill core was cut in half using an automatic core saw. Drill core was cut slightly off the orientation line, with sampling of the half core that did not have the orientation line. • The sampling method utilized is considered appropriate for the styles of mineralisation at the Maronan project.

Criteria	JORC Code explanation	Commentary
	of the sample preparation technique. • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Certified Standards were inserted at a rate of 1:25 samples. Two different sets of standards are utilized, one for the lead, silver, zinc mineralisation (OREAS 135B; OREAS 136; OREAS 315; OREAS 317) and one for the copper, gold mineralisation (OREAS 520; OREAS 521; OREAS 522; OREAS 523; OREAS 601C) • Blanks were inserted at a rate of 1:25 samples. • No duplicate second-half drill core samples have been submitted. • No specific grain size analysis has been completed on the Maronan project, however sampling methods utilized are consistent with those used by other mining and exploration projects targeting similar styles of mineralisation in the Mt Isa Belt.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• Samples were assayed by Au-AA25 (30g fire assay) technique for gold and the ME-MS61 method for Ag, Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Zn and Zr. For over limit samples of Ag, Cu, Pb, Zn, samples are assayed by the ore grade OG-62 method. Au-AA25 is considered a total assay method for gold. ICP-ME61 is considered a "near total" digest method, with only the most resistive minerals (eg Zircons) only partly dissolved. • The methods of assaying utilized are considered appropriate for the style of mineralisation targeted • Standard and Blank samples were inserted at a rate of 1:25 samples each. • The standards used displayed acceptable levels of accuracy and precision. • Blank samples submitted were within acceptable limits. • No duplicates at the sampling stage were submitted. • The standards used displayed acceptable levels of accuracy and precision.

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Assay results reported in this release have been compiled by Exploration Manager Andrew Barker, and reviewed by Mr Rob Rutherford and Mr Richard Carlton. • Logging is completed by two contract senior exploration geologists working for Maronan Metals, and is reviewed by Maronan Metals exploration manager. • No holes have been twinned at this stage of exploration. • Logging is saved into a logging template excel spreadsheet. Upon completion of logging, this data is uploaded into Maronan Metals Geobank Database. The Geobank Database is housed on an SQL server. A copy of the logging spreadsheet is saved on the Maronan Metals server.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• The drill collar for MRN23010, MRN23011, MRN23012 and MRN23013 have been picked up by a professional surveyor using Lieca GS18. The positional error is +/- 20mm. • The drill hole collar was surveyed in MGA94 grid system. • Topographic relief has been surveyed during a detailed 50 metre x 50 metre gravity survey. The region is flat with relief varying less than 3 metres over the project area.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• The spacing between drill hole pierce points when viewed on a longitudinal section at Maronan is about 200 metres both vertically and laterally but locally varies between 50 to 400 metres. • MRN23010 was planned to test ~100m upplunge from MRN23008, and 70m north of MRN22009. • MRN23011 is within an area with drill spacings between 50 – 100m • MRN23012 is within an area with drill spacings around 100m between holes • MRN23013 is within an area with drill spacing between 50 – 100m between drill holes. • The drill pierce point spacing is sufficient to outline the structural geometry, broad extent of mineralisation and grade variations in the mineral system and is of sufficient spacing and distribution to infer a Mineral Resource.

Criteria	JORC Code explanation	Commentary
		• No sample compositing has been applied
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• Bedded mineralisation appears folded about steep plunging tight to isoclinal fold structures. Limbs of the folds and the axial planar foliation are sub-parallel and dip between 60 and 80 degrees towards the west northwest. Structurally remobilised mineralisation in MRN14007 and other holes appears to parallel the axial plane to the northern fold structure which dips between 60 and 80 degrees towards the west northwest. East directed drilling provides a representative, unbiased sample across the isoclinal folded bedded mineralisation and axial planar, structurally remobilised mineralisation. The core to bedding angle of mineralisation typically varies between 20 and 50 degrees but can be locally more or less where bedding is folded. • Continuity of the lead and silver mineralisation appears to have a steep bias, in the down dip-direction of the bedding, down the plunge direction of the northern fold structure. Fold structures, mineral and intersection lineations measured from the core indicate a steep plunge of about 70 degrees towards 284 degrees (grid). Causes of lateral and vertical variations of the grade and thickness of mineralisation within the bedding planes have not been resolved because of the wide spacing of the drilling. • Modelled zones of mineralisation at the Maronan Project strike approximately 010 and dip ~ 70W. • MRN23010 intersect the modelled mineralisation at a dip of -57 towards 72 (true north). True width is interpreted to be approximately 80% of the downhole intercept. The drilling orientation is not considered to have introduced a sampling bias. • MRN23011 intersect the modelled mineralisation at a dip of -60 towards 084 (true north). True width is interpreted to be approximately 90% of the downhole intercept. The drilling orientation is not considered to have introduced a sampling bias. • MRN23012 intersected the modelled mineralisation at a dip of -55 towards 090 (true north). True width is interpreted to be approximately 90% of the downhole intercept. The drilling

Criteria	JORC Code explanation	Commentary
		orientation is not considered to have introduced a sampling bias. • MRN23013 intersected the modelled mineralisation at a dip of -54 towards 088 (true north). True width is interpreted to be approximately 90% of the downhole intercept. The drilling orientation is not considered to have introduced a sampling bias.
Sample security	• *The measures taken to ensure sample security.*	• Drill core is kept at the drill rig which is manned 24/7 until it is collected by Maronan Metals personnel. Maronan Metals personnel transport the drill core to Maronan Metals yard in Cloncurry. The yard in Cloncurry is secured by a six foot fence and gates are locked at all times when no personnel are at the yard. • Samples are collected from the Maronan Metals yard by Cloncurry Couriers and transported to ALS Mt Isa. • Samples are transported in bulka bags sealed with a cable tie. • Upon receipt on samples at ALS Mt Isa, the dispatch is checked and a sample receipt sent to Maronan Metals confirming the dispatch details.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• Maronan metals completed an inspection of ALS Mt Isa Sample preparation facility in Mt Isa in April 2022 and had no adverse findings. • A selection of historic pulps from drilling completed by Red Metal between 2011 – 2014 were submitted to ALS Mt Isa for check assaying utilising the same assay protocol as the current Maronan Metal program. Results from this program display a very strong correlation between the original Red Metal assays and the Maronan Metal check assays.

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.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• Maronan is located within EPM 13368 situated in the Cloncurry region of north-west Queensland. EPM 13368 is owned 100% by Maronan Metals Limited. No material ownership issues or agreements exist over the tenement. An ancillary exploration access agreement has been established with the native title claimants and a standard landholder conduct and compensation agreement has been established with the pastoral lease holders. • The tenements are in good standing and no known impediments exist
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The extent of mineralisation at Maronan has been defined by 54 diamond core drill holes drilled by five different companies since 1987 until the present. Shell Minerals/Billiton/Acacia discovered base metal mineralisation on the project in 1987 and completed 16 shallow holes to 1993. From 1995 to 1996 MPI completed 3 holes into the northern and southern fold hinge structures. From 2001 to 2004 Phelps Dodge completed 6 holes. BHP Cannington undertook a campaign of lead-silver exploration from 2006 to 2008 completing 13 holes. Red Metal Limited completed 16 holes from 2011 to the 2019 seeking depth extensions to the bedded lead-silver and separate copper-gold mineralisation. Maronan Metals was spun out of Red Metals in 2022 and has subsequently drilled seven holes and is continuing to explore the Maronan project.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Exploration on Maronan has identified three separate styles of mineralisation, bedded lead-silver mineralisation partially overprinted by structurally controlled, copper-gold mineralisation, and gold only mineralisation • The lead-silver mineralisation is of a similar style to the nearby Cannington deposit, one of the world's largest silver and lead producing operations. The Maronan lead-silver mineralisation occurs in two separate but sub-parallel banded carbonate-lead sulphide-magnetite-calcsilicate units referred to as the Western Horizon (Upper) and Eastern Horizon (Lower. The two horizons can be separated by up to 100 metres of quartz clastic meta-sediments (psammites, pelites and quartzite). At the Northern Fold

Criteria	JORC Code explanation	Commentary
		Structure the Eastern horizon is folded forming a steep plunging tight to isoclinal fold structure with attenuated or transposed limbs and a thickened hinge zone region. • The overprinting copper-gold mineralisation can be compared with the ISCG mineralisation styles at the nearby Eloise and Osborne ore bodies. Mineralisation is associated with intense silica alteration within a bedding-parallel structure focused between the Western and Eastern Lead-Silver mineralised zones and comprises strong pyrrhotite with variable chalcopyrite and minor magnetite. • Gold only mineralisation occurs in the Northern Fold area, up-plunge on bedded Lead-Silver mineralisation within the Eastern Horizon and is associated disseminated arsenopyrite within strong magnetite-carbonate facies/alteration. This zone appears to transition down-plunge to carbonate-sulphide dominant facies/alteration that hosts the lead silver mineralisation. • Lead-Silver and Copper-Gold styles of mineralisation appear to show improvement in grade and widths at depth and remain open down-plunge and at shallow levels between the existing wide spaced intercepts.
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:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *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.*	• Drill hole details are included in the ASX report in Table 2

Criteria	JORC Code explanation	Commentary

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*
	• *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.*
	• *The assumptions used for any reporting of metal equivalent values should be clearly stated.*
		• Assay results have been reported using length-weighting technique to calculate down hole average grades. No top-cuts have been applied.
		• A cut-off grade of 1% has been used for reporting of Lead Results
		• Due to the poly-metallic nature of mineralisation at Maronan, intervals of mineralisation below the cut-off may be included within a broader mineralized zone, Internal dilution below cut-off is also permitted where geological continuity of a particular zone is inferred.
		• Aggregate intercepts have been included – for example:
		  ○ Lead-Silver Mineralisation
		  ○ 21.15m (19.0m etw) at 5.0% Pb, 195g/t Ag from 265m downhole including;
		    ▪ 6.15m (5.5m etw) at 6.9% Pb, 517g/t Ag, from 280m downhole
		
		In this example, the sub-interval contains significantly higher grade than the broader interval.
		
		In addition to reporting the raw assay results, Silver-Lead results have been reported as Silver Equivalent (AgEq). The Silver Equivalent value is considered an appropriate method for reporting combined silver, lead mineralisation at Maronan because of the exceptional metallurgical recovery of both the lead and silver and the resulting concentrates very high silver content and low levels of penalty elements. The silver equivalent calculation takes into account the preliminary metallurgical results that highlighted simple processing routes to achieve recoveries of 95% for the lead and 93% for the silver (refer to Red Metal ASX announcement dated 29 July 2015) and assumes 95% recovery of the zinc with the lead. Gold values have not been used in the lead equivalent calculation due to the lack of metallurgical test work on the gold-bearing ore types.

Criteria	JORC Code explanation	Commentary
		• **Silver Equivalent** was calculated using the formula: AgEq = ((Pb (%) * Pb^{rec} *Pb^{price}) + (Ag (g/t)*Ag^{rec}*Ag^{price})+(Zn (%)*Zn^{rec}*Zn^{price})) / Ag^{price} • Pb (%) is the weight percent assay grade for Lead • Pb^{rec} is the assumed metallurgical recovery of 95% for lead based on previous testwork at Maronan • Pb^{price} is the value of 1% Lead based on a price assumption of $USD2000/tonne). In this instance the value of $20 • Ag (g/t) is the assay grade in grams/tonne of silver • Ag^{rec} is the assumed metallurgical recovery of 93% for silver based on previous testwork at Maronan • Ag^{price} is the value of 1g/t Silver based on a price assumption of $USD20/ounce). In this instance the value of $0.643 • Zn (%) is the weight percent assay grade for Zinc • Zn^{rec} is an assumed metallurgical recovery of 95% for zinc. No specific metallurgical testwork has been completed for Zinc on the Maronan project, but it is assumed it will report with the lead to concentrate. • Zn^{price} is the value of 1% Zinc based on a price assumption of $USD3100/tonne. In this instance the value of $31 • The formula calculates the value of the recoverable metal for Lead and Silver and divides with by the value of 1gm Silver to calculate the Silver Equivalent value This Silver Equivalent calculation does not take into account any assumptions about payability, treatment costs or refining costs
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• Drill holes are interpreted to have intersected the mineralisation at an appropriate intersection angle. • Modelled zones of mineralisation at the Maronan Project strike approximately 010 and dip ~ 70W. • Estimated True Widths are reported in Table 1

Criteria	JORC Code explanation	Commentary
Diagrams	• *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.*	• Plan view, cross sectional and long section views are included within the body of the ASX release (Figures 1 - 5)
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All assay results for, gold, silver, copper, lead and zinc for MRN23010, MRN23011, MRN23012 and MRN23013 are reported as Appendix 2 in this ASX release.
Other substantive exploration data	• *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.*	• Not Applicable
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Maronan Metals Ltd is well funded and intends to continue with ongoing exploration at the Maronan Project. The current drilling is part of a program of up to 15,000m drilling currently being completed by Maronan Metals. To the end of August 2023, approximately 15,145m drilling had been completed • See previous ASX Releases (ASX:MMA; 29 April 2022; MMA Investor Presentation) which show proposed exploration areas to be targeted by Maronan during this drilling campaign

Appendix 2 - Assay results for MRN23010, MRN23011, MRN23012 and MRN23013

Hole_ID	SAMPLE_ID	From	To	Ag_ppm	Au_ppm	Cu_ppm	Pb_ppm	Zn_ppm
MRN23010	MM05014	111.7	112.4	0.63	0.05	398	68.1	27
MRN23010	MM05015	116.5	117.5	0.25	0.09	6.2	30.7	15
MRN23010	MM05016	152	153	4.14	0.02	13.4	2160	19
MRN23010	MM05017	156	157	1.8	0.01	39.8	748	182
MRN23010	MM05018	168	169	0.21	0.01	332	19.4	11
MRN23010	MM05019	169	170	0.23	0.02	336	72.8	15
MRN23010	MM05020	170	171	0.2	0.05	354	23.9	14
MRN23010	MM05021	171	172	0.33	0.04	923	13.3	12
MRN23010	MM05022	175	176	0.16	0.005	332	41.7	24
MRN23010	MM05023	176	177	0.67	0.03	833	21.8	13
MRN23010	MM05024	177	178	0.06	0.005	56.1	26.7	20
MRN23010	MM05026	178	179	0.38	0.02	728	16.8	16
MRN23010	MM05027	179	180	1.07	0.04	1175	20.8	15
MRN23010	MM05028	180	181	0.44	0.12	385	7.8	7
MRN23010	MM05029	181	182	1.12	0.07	1025	126	23
MRN23010	MM05030	182	183	0.97	0.07	1005	49.4	28
MRN23010	MM05031	183	184	0.3	0.04	344	30.9	27
MRN23010	MM05032	184	185	0.51	0.03	608	65.3	20
MRN23010	MM05033	188	189	0.59	0.11	548	101.5	38
MRN23010	MM05034	189	190	4.61	0.14	15150	88.2	39
MRN23010	MM05035	190	191	0.23	0.01	75.5	21.1	22
MRN23010	MM05036	191	192	9.38	1.11	15750	30.7	57
MRN23010	MM05038	192	193	1.07	0.26	1870	72.5	25
MRN23010	MM05039	197	198	0.23	0.005	571	100.5	47
MRN23010	MM05040	198	198.7	0.97	0.05	2340	207	224
MRN23010	MM05041	198.7	200	1.91	0.01	870	487	41
MRN23010	MM05042	200	200.4	15.05	0.03	143.5	12750	21
MRN23010	MM05043	200.4	201.2	0.04	0.005	50.3	129	21
MRN23010	MM05044	201.2	202	1.57	0.15	2670	248	26
MRN23010	MM05045	202	203	0.92	0.09	1440	136.5	27
MRN23010	MM05046	203	204	1.13	0.12	1990	91.4	79
MRN23010	MM05047	204	205	2.33	0.33	3670	45.5	28
MRN23010	MM05048	205	206	0.67	0.05	1080	37.8	11
MRN23010	MM05049	206	207	0.41	0.02	538	36.2	16
MRN23010	MM05051	207	208	2.65	0.18	4190	114	44
MRN23010	MM05052	208	208.4	1.13	0.12	1690	433	2110
MRN23010	MM05053	208.4	208.9	1.79	0.06	2860	589	1995
MRN23010	MM05054	208.9	210	2.45	0.14	3420	236	12950
MRN23010	MM05055	210	210.5	3.32	0.06	1385	1490	10950
MRN23010	MM05056	211.1	212	1.66	0.03	2550	4720	6360

MRN23010	MM05057	212	213	21.4	0.04	3720	38400	6020
MRN23010	MM05058	213	213.7	14.95	0.005	620	21800	6900
MRN23010	MM05059	214.4	215	2.83	0.005	175.5	3960	8010
MRN23010	MM05060	215	216	63	0.07	560	46600	5380
MRN23010	MM05061	216	216.7	3.73	0.01	1100	17250	2230
MRN23010	MM05063	216.7	218	6.63	0.01	303	3310	9150
MRN23010	MM05064	218	218.8	27.1	0.05	1150	18600	13900
MRN23010	MM05065	219.3	220	3.99	0.02	2400	9440	6930
MRN23010	MM05066	220	221	95	0.27	3040	61700	3320
MRN23010	MM05067	221	222	22.1	0.03	134	24900	1395
MRN23010	MM05068	222	223	2.21	0.01	36.1	2810	537
MRN23010	MM05069	223	224	43.4	0.05	56	41400	8990
MRN23010	MM05070	224	225	42.4	0.04	90.5	37200	512
MRN23010	MM05071	225	226	18.75	0.01	48.2	14550	258
MRN23010	MM05072	226	227	0.59	0.005	116	454	51
MRN23010	MM05073	227	228	5.5	0.02	206	3310	37
MRN23010	MM05074	228	229	54.1	0.09	154	39200	82
MRN23010	MM05076	229	230	10.55	0.03	139	3280	94
MRN23010	MM05077	230	231	3.27	0.01	342	562	184
MRN23010	MM05078	231	232	2	0.02	1135	335	56
MRN23010	MM05079	232	233	0.6	0.01	493	93.8	53
MRN23010	MM05080	233	234	0.13	0.005	41	55.2	17
MRN23010	MM05081	234	234.8	1.81	0.005	151	448	44
MRN23010	MM05082	234.8	235.5	37	0.06	39	47000	463
MRN23010	MM05083	235.5	236	0.24	0.005	18	153.5	56
MRN23010	MM05084	236	237	0.18	0.005	33.2	206	113
MRN23010	MM05085	237	238	0.1	0.005	13.2	121.5	78
MRN23010	MM05086	248	249	0.07	0.005	1.6	52	39
MRN23010	MM05088	249	250	0.22	0.005	42.5	103.5	19
MRN23010	MM05089	250	251	1.2	0.01	385	93.4	30
MRN23010	MM05090	251	252	1.98	0.02	1210	111	69
MRN23010	MM05091	252	253	0.38	0.005	19.2	147.5	130
MRN23010	MM05092	258.4	259	3.19	0.005	423	241	408
MRN23010	MM05093	259	259.9	0.37	0.005	7.1	119.5	428
MRN23010	MM05094	261.3	262.2	36.2	0.01	82.3	9760	295
MRN23010	MM05095	262.2	263	45.1	0.04	26.5	7030	86
MRN23010	MM05096	269	270	0.83	0.005	39.1	106.5	69
MRN23010	MM05097	279	280	0.29	0.005	29.4	82.4	43
MRN23010	MM05098	289	290	0.73	0.005	7.9	51.3	42
MRN23010	MM05099	299	300	0.37	0.02	6.3	48.9	98
MRN23010	MM05101	302	303	0.25	0.005	11.7	76.8	60
MRN23010	MM05102	303	304	0.05	0.005	2.7	42.4	42
MRN23010	MM05103	304	304.5	0.7	0.005	145.5	58.5	70
MRN23010	MM05104	304.5	305	1.38	0.01	260	58.1	324

MRN23010	MM05105	305	306	2.06	0.01	210	267	485
MRN23010	MM05106	306	307	8.06	0.03	1325	703	725
MRN23010	MM05107	307	308	18.7	0.04	325	2370	2070
MRN23010	MM05108	308	309	4.62	0.01	307	465	2230
MRN23010	MM05109	309	310	13	0.02	147.5	1035	1875
MRN23010	MM05110	310	311	13.65	0.04	160	1395	1440
MRN23010	MM05111	311	312	5.1	0.01	146.5	618	2360
MRN23010	MM05113	312	313	5.4	0.02	143	395	2890
MRN23010	MM05114	313	314	18.65	0.04	82.2	1360	2980
MRN23010	MM05115	314	315	11.1	0.02	226	829	2480
MRN23010	MM05116	315	316	44.5	0.07	744	3680	2480
MRN23010	MM05117	316	317	96.2	0.08	556	23000	6120
MRN23010	MM05118	317	318	373	0.24	391	88700	3910
MRN23010	MM05119	318	319	4.72	0.05	447	844	142
MRN23010	MM05120	319	319.6	28.7	0.04	421	7070	331
MRN23010	MM05121	319.6	321	0.63	0.005	13.4	218	55
MRN23010	MM05122	321	321.8	0.34	0.005	12.2	162	60
MRN23010	MM05123	321.8	323	2.44	0.02	117	764	258
MRN23010	MM05124	323	324	1.56	0.01	104.5	452	312
MRN23010	MM05126	324	325	128	0.05	135.5	45000	308
MRN23010	MM05127	325	326	28.8	0.01	31.1	11700	318
MRN23010	MM05128	326	327	16.4	0.02	75.3	6470	488
MRN23010	MM05129	327	328	19.9	0.22	97.8	6690	362
MRN23010	MM05130	328	329	0.33	0.005	2.3	670	124
MRN23010	MM05131	329	330	0.16	0.005	1.1	432	118
MRN23010	MM05132	330	331	0.12	0.005	0.9	327	113
MRN23010	MM05133	331	332	0.11	0.005	1.2	465	114
MRN23010	MM05134	332	333	0.22	0.005	1.3	447	61
MRN23010	MM05135	333	334	0.54	0.005	3.3	475	57
MRN23010	MM05136	334	335	0.1	0.005	2.3	203	42
MRN23010	MM05138	335	336	0.13	0.005	1	200	42
MRN23010	MM05139	336	337	1.92	0.01	380	292	65
MRN23010	MM05140	337	337.65	0.12	0.005	1.5	153	42
MRN23010	MM05141	337.65	338	2.2	0.01	374	285	171
MRN23010	MM05142	338	339	2.56	0.04	399	368	392
MRN23010	MM05143	339	340	3.07	0.02	222	539	319
MRN23010	MM05144	340	341	2.51	0.01	409	153.5	428
MRN23010	MM05145	341	342	2.24	0.01	241	390	425
MRN23010	MM05146	342	343	1.39	0.01	152	339	360
MRN23010	MM05147	343	344	7.67	0.02	478	1375	351
MRN23010	MM05148	344	345	5.04	0.03	153.5	723	327
MRN23010	MM05149	345	346	7.3	0.07	272	1830	338
MRN23010	MM05151	346	346.77	57.9	0.06	107	14300	377
MRN23010	MM05152	346.77	348	3.69	0.69	82.9	418	101

MRN23010	MM05153	348	349	1.28	0.005	5.3	592	73
MRN23010	MM05154	360	361	0.4	0.01	2.1	226	70
MRN23010	MM05155	361	362	0.44	0.005	2	110	70
MRN23010	MM05156	369	370	0.55	0.005	25.7	162	82
MRN23010	MM05157	379	380	1.12	0.005	3.9	403	36
MRN23010	MM05158	389	390	0.1	0.005	1.1	188.5	47
MRN23010	MM05159	399	400	0.07	0.005	1.5	93	69
MRN23010	MM05160	409	410	0.07	0.005	2.2	94.1	72
MRN23010	MM05161	419	420	0.15	0.005	3.7	81.8	48
MRN23010	MM05163	430	430.8	0.28	0.005	1.4	124	117
MRN23010	MM05164	430.8	432	322	0.12	517	72500	1280
MRN23010	MM05165	432	433	374	0.25	118.5	74900	7150
MRN23010	MM05166	433	434	355	0.14	301	68500	5050
MRN23010	MM05167	434	435	257	0.11	276	48600	5140
MRN23010	MM05168	435	436	16.45	0.02	118	4650	673
MRN23010	MM05169	436	437	3.78	0.005	341	921	394
MRN23010	MM05170	437	438	2.77	0.05	301	581	587
MRN23010	MM05171	438	438.5	16.85	3.17	356	1640	354
MRN23010	MM05172	438.5	439.2	7.07	0.34	346	997	339
MRN23010	MM05173	439.2	440	0.31	0.005	3.9	111.5	147
MRN23010	MM05174	440	441	0.21	0.01	4.6	115.5	97
MRN23010	MM05176	449	450	0.37	0.01	7.8	267	127
MRN23010	MM05177	459	460	0.15	0.005	1.6	54.4	38
MRN23010	MM05178	462	463	0.05	0.005	1.3	47.8	54
MRN23010	MM05179	463	464	2.57	0.01	372	349	445
MRN23010	MM05180	464	465	2.53	0.03	152	473	561
MRN23010	MM05181	465	465.7	0.5	0.005	11.2	230	222
MRN23010	MM05182	465.7	466.6	13.25	0.01	99.3	3510	904
MRN23010	MM05183	466.6	468	0.34	0.005	4.4	297	112
MRN23010	MM05184	468	469	0.38	0.005	5.3	329	105
MRN23010	MM05185	479	480	0.52	0.005	9.7	219	82
MRN23010	MM05186	489	490	0.57	0.005	34.9	107.5	92
MRN23010	MM05188	499	500	0.12	0.005	7	57.5	58
MRN23011	MM05189	48.5	49	20.1	0.03	847	180	930
MRN23011	MM05190	49	49.48	100	0.03	2450	173.5	3500
MRN23011	MM05191	49.48	50	150	0.29	1190	34200	2460
MRN23011	MM05192	50	50.5	2.46	0.29	983	217000	84
MRN23011	MM05193	50.5	51	5.52	0.41	686	114500	198
MRN23011	MM05194	51	51.5	6.7	0.39	2590	34700	134
MRN23011	MM05195	51.5	52	10.55	0.11	321	3820	62
MRN23011	MM05196	52	52.5	6.65	0.16	737	14900	62
MRN23011	MM05197	52.5	53	4.44	0.29	1250	10150	122
MRN23011	MM05198	53	53.5	4.19	1.66	1430	6610	146
MRN23011	MM05199	53.5	54	3.29	0.23	457	972	43

MRN23011	MM05201	54	54.5	2.41	0.59	346	686	76
MRN23011	MM05202	54.5	55	3.66	2.54	379	759	61
MRN23011	MM05203	55	55.5	2.48	0.14	400	851	37
MRN23011	MM05204	55.9	56.5	43.5	0.49	473	2540	31
MRN23011	MM05205	56.5	57	3.37	0.38	124.5	874	17
MRN23011	MM05206	57	57.5	147	1.14	529	2490	34
MRN23011	MM05207	57.5	58	8.84	0.24	471	2400	24
MRN23011	MM05208	58	58.5	3.75	0.04	370	831	36
MRN23011	MM05209	58.5	59	7.7	0.04	700	4800	45
MRN23011	MM05210	59	59.5	8.59	0.02	905	7320	41
MRN23011	MM05211	59.5	60	5.11	0.16	647	2940	33
MRN23011	MM05213	60	60.5	5.17	0.02	1605	4830	66
MRN23011	MM05214	60.5	61	2.71	0.64	1410	1735	69
MRN23011	MM05215	61	61.5	2.47	0.26	961	5040	106
MRN23011	MM05216	61.9	62.5	2.91	0.02	1305	4390	71
MRN23011	MM05217	62.5	63	2.67	0.04	2350	4980	98
MRN23011	MM05218	63	63.5	2.64	0.89	1790	870	103
MRN23011	MM05219	63.5	64	2.41	0.29	3280	645	85
MRN23011	MM05220	64	64.5	5.04	0.64	661	605	81
MRN23011	MM05221	65	65.5	2.54	1.92	2320	1050	141
MRN23011	MM05222	65.5	66	3.09	0.12	4070	424	78
MRN23011	MM05223	66	66.5	2.34	0.06	1795	520	90
MRN23011	MM05224	66.5	67	3.44	0.39	68.2	605	113
MRN23011	MM05226	67	67.5	2.57	0.24	123	737	150
MRN23011	MM05227	67.5	68	2.08	0.2	178.5	256	39
MRN23011	MM05230	68	68.5	2.69	0.01	182.5	619	54
MRN23011	MM05231	68.5	69	2.37	0.02	79.5	332	53
MRN23011	MM05232	69	69.5	2.89	0.05	419	670	95
MRN23011	MM05233	69.5	70	2.25	0.46	292	312	66
MRN23011	MM05234	70	70.3	2.73	1	122	342	69
MRN23011	MM05235	70.6	71	2.42	0.36	823	900	84
MRN23011	MM05236	71	71.5	1.25	0.8	78.5	1230	170
MRN23011	MM05238	71.5	72	3.09	0.11	188	729	157
MRN23011	MM05239	76	76.5	1.98	0.09	233	1415	201
MRN23011	MM05240	76.5	77	1.7	0.02	203	1140	157
MRN23011	MM05241	77	77.5	4.98	0.04	168	199	38
MRN23011	MM05242	77.8	78	2.57	0.36	56.2	856	192
MRN23011	MM05243	78	78.6	4.4	0.02	34.4	163.5	33
MRN23011	MM05244	79.2	79.5	4.36	0.02	229	845	69
MRN23011	MM05245	79.5	80	5.3	0.02	854	457	53
MRN23011	MM05246	80	80.5	2.78	0.11	248	767	47
MRN23011	MM05247	80.5	81	4.53	0.01	52.6	717	102
MRN23011	MM05248	84.5	85	6.71	0.39	103.5	298	150
MRN23011	MM05249	85	85.5	12.5	0.34	125	474	88

MRN23011	MM05251	85.5	86	9.8	0.27	140.5	549	79
MRN23011	MM05252	86	86.5	10.55	0.13	92.1	569	47
MRN23011	MM05253	86.5	87	15.05	0.21	122	586	63
MRN23011	MM05254	87	87.5	17.7	0.02	366	412	38
MRN23011	MM05255	87.5	88	22.5	0.01	177.5	270	41
MRN23011	MM05256	88	88.5	10.9	0.02	286	261	33
MRN23011	MM05257	88.5	89	6.3	0.02	1080	463	21
MRN23011	MM05258	90.2	90.57	5.87	0.1	643	230	40
MRN23011	MM05259	90.57	91	5.6	0.24	4820	4730	90
MRN23011	MM05260	91	91.5	20.5	0.11	6850	479	95
MRN23011	MM05261	91.5	92	8.81	0.04	5380	204	71
MRN23011	MM05263	92	92.5	1.72	0.01	1305	66.6	96
MRN23011	MM05264	92.5	93	2.34	0.06	1525	53	166
MRN23011	MM05265	93	93.5	2.7	0.09	3080	54.5	194
MRN23011	MM05266	93.5	94	6.83	0.14	4510	153	156
MRN23011	MM05267	94	94.5	20.2	0.07	7620	211	225
MRN23011	MM05268	94.5	95	16.55	0.05	5160	355	220
MRN23011	MM05269	95	95.5	17.05	0.25	6800	461	204
MRN23011	MM05270	95.5	95.8	18.95	0.26	1595	203	167
MRN23011	MM05271	95.8	97	5.14	0.17	1095	909	431
MRN23011	MM05272	97	98	7.59	0.11	2880	4590	134
MRN23011	MM05273	98	99	6.07	0.11	295	1410	136
MRN23011	MM05274	99	100	1.15	0.05	896	1125	54
MRN23011	MM05276	100	101	0.82	0.05	681	2320	73
MRN23011	MM05277	101	102	6.87	0.09	385	1365	45
MRN23011	MM05278	102	103	4.23	0.01	260	937	21
MRN23011	MM05279	103	104	1.92	0.005	40	459	22
MRN23011	MM05280	104	105.3	0.86	0.01	124.5	323	13
MRN23011	MM05281	105.3	105.57	0.15	0.01	31.7	130.5	16
MRN23011	MM05282	105.57	106	0.19	0.01	63.8	185	36
MRN23011	MM05283	106	107	2.81	0.01	378	1790	84
MRN23011	MM05284	107	108	5.92	0.05	260	2020	58
MRN23011	MM05285	108	109	2.92	0.01	97.7	2650	48
MRN23011	MM05286	109	110	2.48	0.01	74.3	4250	68
MRN23011	MM05288	110	111	0.6	0.005	47.1	720	51
MRN23011	MM05289	111	112	0.56	0.005	22.7	776	48
MRN23011	MM05290	112	113	4.19	0.005	66.9	1450	114
MRN23011	MM05291	113	114	0.36	0.005	27.9	493	75
MRN23011	MM05292	114	115	0.53	0.005	66.4	278	42
MRN23011	MM05293	115	116	1.02	0.005	61.3	380	21
MRN23011	MM05294	116	117	7.97	0.005	32.1	1620	21
MRN23011	MM05295	117	118.18	4.21	0.005	11.4	762	18
MRN23011	MM05296	118.18	118.48	0.71	0.005	5.1	113	32
MRN23011	MM05297	118.48	119.25	1.2	0.01	87.6	230	22

MRN23011	MM05298	119.25	120	1.7	0.005	220	673	15
MRN23011	MM05299	120	121	2.8	0.02	420	1030	23
MRN23011	MM05301	121	122	8.34	0.04	2220	37.7	18
MRN23011	MM05302	122	123	4.56	0.03	2040	47.6	22
MRN23011	MM05303	128	129	0.67	0.14	55.3	270	297
MRN23011	MM05304	134	135	0.62	0.005	84.8	225	189
MRN23011	MM05305	140	141	3.05	0.01	950	397	51
MRN23011	MM05306	141	142	0.93	0.005	263	201	36
MRN23011	MM05307	142	143	0.53	0.01	144.5	163	37
MRN23011	MM05308	143	144	3.14	0.005	269	939	58
MRN23011	MM05309	144	144.9	0.65	0.005	85.2	229	77
MRN23011	MM05310	144.9	145.58	42.8	0.05	82	23200	51
MRN23011	MM05311	145.58	145.96	1.38	0.03	209	763	172
MRN23011	MM05313	145.96	147	116	0.03	52.2	72300	73
MRN23011	MM05314	147	148	160	0.07	151.5	93800	134
MRN23011	MM05315	148	148.6	73.4	0.03	105.5	43500	44
MRN23011	MM05316	148.6	149.13	64.5	0.02	94.4	35400	44
MRN23011	MM05317	149.13	150	262	0.1	220	138500	76
MRN23011	MM05318	150	150.7	5.69	0.01	114.5	3870	22
MRN23011	MM05319	150.7	151.4	1.6	0.005	153	739	48
MRN23011	MM05320	151.4	152	5.33	0.02	4600	1315	62
MRN23011	MM05321	152	153	0.16	0.005	15.4	191.5	60
MRN23011	MM05322	153	154	1.4	0.005	1250	206	66
MRN23011	MM05323	154	155	1.74	0.005	2650	186	87
MRN23011	MM05325	155	155.43	6.06	0.01	8840	311	103
MRN23011	MM05326	155.43	156	2.28	0.01	2630	222	81
MRN23011	MM05327	156	157	3.21	0.02	2610	302	80
MRN23011	MM05328	157	157.5	107	0.11	4140	60000	795
MRN23011	MM05329	157.5	158	85.1	0.32	4660	55700	306
MRN23011	MM05330	158	159	9.21	0.18	1450	2100	109
MRN23011	MM05331	159	160	3.56	0.01	2160	539	48
MRN23011	MM05332	160	161	3.41	0.01	5280	222	97
MRN23011	MM05333	161	162	0.43	0.005	541	80.8	72
MRN23011	MM05334	162	162.75	1.09	0.005	1720	101.5	65
MRN23011	MM05335	162.75	163.35	0.95	0.005	1435	109.5	81
MRN23011	MM05336	163.35	164	1.32	0.005	2160	139	44
MRN23011	MM05338	164	165	0.35	0.005	441	76.6	19
MRN23011	MM05339	165	166	0.56	0.005	749	88	35
MRN23011	MM05340	166	167	1.31	0.005	2110	71.8	101
MRN23011	MM05341	167	168	0.69	0.005	1235	54.9	24
MRN23011	MM05342	168	169	0.09	0.005	160.5	55.2	13
MRN23011	MM05343	169	170	0.92	0.005	1845	47.8	26
MRN23011	MM05344	170	171	0.21	0.005	176.5	57	18
MRN23011	MM05345	171	172	0.13	0.005	165.5	57.7	12

MRN23011	MM05346	172	172.71	0.52	0.005	532	194.5	28
MRN23011	MM05347	172.71	173.3	1.08	0.005	1230	87.6	32
MRN23011	MM05348	173.3	174	2.75	0.005	5420	79.8	47
MRN23011	MM05349	174	175	0.79	0.005	1430	39.1	16
MRN23011	MM05351	176	177	1.02	0.005	1140	105.5	31
MRN23011	MM05352	177	177.75	0.94	0.005	635	214	44
MRN23011	MM05353	177.75	178.25	0.54	0.005	17.6	531	13
MRN23011	MM05354	178.25	179	0.9	0.005	320	410	15
MRN23011	MM05355	179	180	0.36	0.005	36.7	238	13
MRN23011	MM05356	180	181	0.36	0.005	78.4	141	13
MRN23011	MM05357	181	182.12	0.31	0.005	83	75.6	67
MRN23011	MM05358	182.12	183	9.7	0.005	391	3410	26
MRN23011	MM05359	183	184	2.16	0.005	465	503	23
MRN23011	MM05360	184	185	2.17	0.005	645	397	31
MRN23011	MM05361	185	186	1.42	0.005	649	234	66
MRN23011	MM05363	186	186.58	10.3	0.005	761	4560	27
MRN23011	MM05364	186.58	187	5.55	0.005	106.5	2750	35
MRN23011	MM05365	187	188	63.3	0.08	699	30500	184
MRN23011	MM05366	188	189	155	0.23	214	61500	504
MRN23011	MM05367	189	190	222	0.27	364	75100	525
MRN23011	MM05368	190	191	2.71	0.01	508	556	447
MRN23011	MM05369	191	192	6.4	0.01	638	1530	48
MRN23011	MM05370	192	193	8.81	0.01	848	2020	44
MRN23011	MM05371	193	194	60.6	0.08	542	25000	453
MRN23011	MM05372	194	194.67	202	0.06	299	69100	323
MRN23011	MM05373	194.67	195.25	0.45	0.005	26.9	201	108
MRN23011	MM05374	195.25	196	0.73	0.005	4.1	549	45
MRN23011	MM05376	196	197	1.14	0.005	47.6	546	81
MRN23011	MM05377	197	198	0.37	0.005	8.4	295	29
MRN23011	MM05378	198	199	0.46	0.005	13.2	238	33
MRN23011	MM05379	199	200	0.29	0.005	5.1	216	44
MRN23011	MM05380	200	201	0.14	0.005	13.8	114.5	39
MRN23011	MM05381	201	201.75	0.53	0.07	566	81.2	43
MRN23011	MM05382	201.75	202.29	0.17	0.01	32.5	119	41
MRN23011	MM05383	202.29	203	1.4	0.005	531	188	124
MRN23011	MM05384	203	204	56.8	0.05	933	19600	210
MRN23011	MM05385	204	205	11.3	0.04	2350	674	12
MRN23011	MM05386	205	206.19	42.8	0.03	2440	14750	18
MRN23011	MM05388	206.19	207	121	0.12	3260	38200	270
MRN23011	MM05389	207	208	127	0.08	507	41000	149
MRN23011	MM05390	208	209	22.4	0.02	63	6100	80
MRN23011	MM05391	209	210	14.95	0.01	40	4080	62
MRN23011	MM05392	215	216	0.38	0.005	3.5	189	36
MRN23011	MM05393	218	219	0.16	0.01	11.7	75.5	25

MRN23011	MM05394	220	221	0.11	0.01	5.3	104.5	46
MRN23011	MM05395	225	226	0.13	0.005	29.1	55	61
MRN23011	MM05396	230	231	0.12	0.005	36.7	81.2	57
MRN23011	MM05397	235	236	0.03	0.02	5.9	21.6	52
MRN23011	MM05398	240	241	0.11	0.005	6.4	56.1	33
MRN23011	MM05399	245	246	0.04	0.005	4.5	37.1	50
MRN23011	MM05401	251	252	0.11	0.02	17.5	42.5	56
MRN23011	MM05402	255	256	0.15	0.005	2.8	43.5	50
MRN23011	MM05403	260	261	0.09	0.005	2	66.2	50
MRN23011	MM05404	264	265	0.03	0.005	1	33.5	47
MRN23011	MM05405	269	270	0.13	0.05	2	53.4	42
MRN23012	MM05406	69.5	70	0.19	0.005	40.6	24.1	97
MRN23012	MM05407	70	70.5	0.05	0.005	69.1	1425	220
MRN23012	MM05408	70.5	71	0.03	0.02	63.5	135	192
MRN23012	MM05409	71	71.5	0.005	0.005	18	20.2	54
MRN23012	MM05410	71.5	72	0.04	0.01	62.4	14	53
MRN23012	MM05411	72	72.2	0.02	0.005	16.6	796	252
MRN23012	MM05412	72.2	73	0.02	0.005	20.6	333	91
MRN23012	MM05414	74	75	0.005	0.005	19.8	14.8	60
MRN23012	MM05415	75	76	0.02	0.16	18	607	98
MRN23012	MM05416	76	77	0.04	0.05	15.3	22.5	42
MRN23012	MM05417	77	78	0.06	0.03	44.3	17.8	68
MRN23012	MM05418	78	79	0.07	0.08	72.4	15	46
MRN23012	MM05419	79	80	0.04	0.02	40.9	15.7	37
MRN23012	MM05420	80	81.07	0.005	0.02	9.1	20.3	38
MRN23012	MM05421	81.07	82	0.02	0.005	15.7	35.2	34
MRN23012	MM05422	82	83	0.01	0.005	6.6	23.1	49
MRN23012	MM05423	83	84	0.17	0.03	13.6	46.8	48
MRN23012	MM05424	84	85	0.14	0.005	4.4	35.7	54
MRN23012	MM05425	85	86	0.06	0.005	5.8	40.6	41
MRN23012	MM05427	86	87	0.04	0.005	3	29.1	18
MRN23012	MM05428	87	88	0.12	0.005	51.1	39.5	32
MRN23012	MM05429	88	88.78	0.42	0.005	171.5	199	126
MRN23012	MM05430	88.78	90	0.33	0.005	107	38	20
MRN23012	MM05431	90	91	0.04	0.005	5.5	43.9	17
MRN23012	MM05432	91	92	0.33	0.005	89.4	76.9	28
MRN23012	MM05433	92	93	0.08	0.005	21.6	78.8	30
MRN23012	MM05434	93	94	0.02	0.005	24.4	32.2	14
MRN23012	MM05435	94	95	0.01	0.005	28.7	31.2	15
MRN23012	MM05436	95	96	0.21	0.45	31.9	59.7	24
MRN23012	MM05437	96	97	0.16	0.005	23.2	59.1	25
MRN23012	MM05439	97	98	0.12	0.005	22.5	67	40
MRN23012	MM05440	98	99	1.78	0.005	124.5	510	720
MRN23012	MM05441	99	100	1.05	0.005	113.5	298	263

MRN23012	MM05442	100	101	0.18	0.005	40.4	195.5	57
MRN23012	MM05443	101	102	0.23	0.005	24	126	31
MRN23012	MM05444	102	103	0.3	0.005	57.4	103.5	34
MRN23012	MM05445	108	109	0.26	0.005	30.3	84.7	23
MRN23012	MM05446	115	116	0.1	0.005	61.2	71.1	38
MRN23012	MM05447	120	121	0.65	0.18	32	94.5	66
MRN23012	MM05448	127	128	1.58	0.005	45.3	865	88
MRN23012	MM05449	130	131	5.53	0.01	226	922	350
MRN23012	MM05450	131	132	13.9	0.02	506	2170	291
MRN23012	MM05452	132	133	19.2	0.02	1195	4470	958
MRN23012	MM05453	133	134	1.8	0.02	93.4	895	89
MRN23012	MM05454	134	135	1.56	0.005	116.5	896	101
MRN23012	MM05455	135	136	1.46	0.01	81.3	710	91
MRN23012	MM05456	136	137	3.03	0.06	151.5	726	112
MRN23012	MM05457	137	137.9	2.37	0.005	150.5	614	227
MRN23012	MM05458	137.9	139	8.75	0.01	756	2500	562
MRN23012	MM05459	139	140	5.78	0.02	253	856	269
MRN23012	MM05460	140	141	6.58	0.06	1050	1120	468
MRN23012	MM05461	141	142	4.68	0.04	433	1280	578
MRN23012	MM05462	142	143	2.97	0.01	254	723	77
MRN23012	MM05464	143	144	1.5	0.02	203	1090	65
MRN23012	MM05465	144	145	0.85	0.01	29.9	376	129
MRN23012	MM05466	145	146	1.37	0.02	18.5	391	29
MRN23012	MM05467	146	147	0.18	0.005	5.6	158	22
MRN23012	MM05468	147	148	0.23	0.005	13.4	327	23
MRN23012	MM05469	148	149	1.22	0.01	5.2	327	16
MRN23012	MM05470	149	150	1.27	0.005	9.2	452	18
MRN23012	MM05471	150	151	0.61	0.005	7.6	278	13
MRN23012	MM05472	151	152	0.06	0.005	2.9	66.7	16
MRN23012	MM05473	152	153	0.4	0.01	7.4	213	18
MRN23012	MM05474	153	154	0.19	0.005	4.9	131	18
MRN23012	MM05475	154	155	1.08	0.02	31.8	352	39
MRN23012	MM05477	155	156	2.01	0.01	139.5	628	79
MRN23012	MM05478	156	157	0.45	0.02	45.6	180.5	48
MRN23012	MM05479	157	158	0.33	0.07	28.3	184	52
MRN23012	MM05480	158	159	6.87	0.01	155	1210	181
MRN23012	MM05481	159	160	0.18	0.07	36.3	104.5	111
MRN23012	MM05482	160	161	0.47	0.01	36.2	139	94
MRN23012	MM05483	161	162	0.57	0.02	32.6	398	75
MRN23012	MM05484	162	163	1.23	0.005	34.2	411	69
MRN23012	MM05485	163	164	1.4	0.01	80.5	592	156
MRN23012	MM05486	164	165	0.98	0.03	15.4	473	61
MRN23012	MM05487	165	166	0.87	0.005	9.3	943	214
MRN23012	MM05489	166	167	0.4	0.005	8.4	510	67

MRN23012	MM05490	167	168	0.44	0.005	8	247	62
MRN23012	MM05491	168	169	0.13	0.005	26.6	71.7	60
MRN23012	MM05492	169	170	0.12	0.005	46.2	47.3	40
MRN23012	MM05493	170	171	0.29	0.05	18.2	27.9	21
MRN23012	MM05494	171	172	0.07	0.01	46.5	28.7	33
MRN23012	MM05495	172	173	0.04	0.01	35.6	27.4	40
MRN23012	MM05496	173	174	0.26	0.02	305	60.4	54
MRN23012	MM05497	178	179	0.05	0.01	10.7	91.1	42
MRN23012	MM05498	189	190	0.55	0.005	11	137.5	52
MRN23012	MM05499	197	198	0.37	0.005	11	217	20
MRN23012	MM05514	200	201	0.17	0.01	41.5	144	185
MRN23012	MM05515	201	201.56	2.11	0.03	125.5	328	293
MRN23012	MM05516	201.56	202.3	1.66	0.63	86.1	481	211
MRN23012	MM05517	202.3	203	0.08	0.005	6.1	29.1	65
MRN23012	MM05518	203	204	0.2	0.005	58.3	103	63
MRN23012	MM05519	204	205	0.15	0.005	33.4	49.1	28
MRN23012	MM05520	205	205.43	0.08	0.01	31.1	20.3	23
MRN23012	MM05521	205.43	206	0.02	0.005	1.8	12.2	31
MRN23012	MM05522	206	207	0.11	0.005	39.2	40.5	24
MRN23012	MM05523	207	208	0.1	0.005	50.5	25.2	26
MRN23012	MM05524	208	209	0.07	0.005	23.4	99.1	23
MRN23012	MM05526	209	210	2.94	0.005	729	3830	76
MRN23012	MM05527	214	215	0.01	0.005	6	14.6	22
MRN23012	MM05528	215	216	0.01	0.005	2.3	12.8	26
MRN23012	MM05529	216	216.76	0.06	0.005	83.7	11.5	21
MRN23012	MM05530	216.76	217.34	2.16	0.01	2650	95.5	79
MRN23012	MM05531	217.34	218.21	1.47	0.02	2960	7.3	32
MRN23012	MM05532	218.21	219	0.03	0.005	20.8	13	40
MRN23012	MM05533	219	220	0.1	0.005	50.1	36.5	33
MRN23012	MM05534	220	221	0.17	0.005	34.2	47.6	45
MRN23012	MM05535	221	222	0.12	0.005	15.4	50.2	100
MRN23012	MM05536	222	223	0.07	0.005	4.7	45.3	162
MRN23012	MM05538	223	224	0.11	0.01	1.1	116.5	233
MRN23012	MM05539	224	225	0.13	0.005	3.8	133	238
MRN23012	MM05540	225	225.76	1.2	0.005	5.7	163.5	210
MRN23012	MM05541	225.76	226.5	1.12	0.005	3.5	324	91
MRN23012	MM05542	226.5	227	4.15	0.005	1.2	383	36
MRN23012	MM05543	227	228	1.49	0.005	7.3	288	122
MRN23012	MM05544	228	229	0.98	0.005	8.1	213	127
MRN23012	MM05545	229	229.44	0.53	0.005	36.8	81.6	118
MRN23012	MM05546	229.44	230	0.56	0.005	11.3	92.9	201
MRN23012	MM05547	230	231	0.43	0.005	6.8	91.5	195
MRN23012	MM05548	231	232	1.39	0.005	1.8	201	81
MRN23012	MM05549	232	233	0.61	0.005	3.4	101	163

MRN23012	MM05551	233	234	0.45	0.005	3.3	84.7	185
MRN23012	MM05552	234	235	0.56	0.005	5.6	101.5	147
MRN23012	MM05553	235	236	0.34	0.005	0.9	104.5	147
MRN23012	MM05554	236	237	0.95	0.005	2.8	112	184
MRN23012	MM05555	237	238.13	0.49	0.005	4.7	101.5	179
MRN23012	MM05556	238.13	239	0.4	0.005	2.4	217	25
MRN23012	MM05557	239	240	3.02	0.01	256	798	192
MRN23012	MM05558	240	241	3.53	0.005	10.8	620	71
MRN23012	MM05559	241	242	2.61	0.01	43.1	330	58
MRN23012	MM05560	242	243	2.12	0.005	16	381	84
MRN23012	MM05561	243	244	1.18	0.005	23.2	373	24
MRN23012	MM05563	244	245	0.97	0.01	34.6	335	109
MRN23012	MM05564	245	246	0.72	0.03	25.7	253	160
MRN23012	MM05565	246	247	1.76	0.05	1290	133	244
MRN23012	MM05566	247	248	5.89	0.98	4670	262	137
MRN23012	MM05567	248	249	6.6	0.93	5800	170.5	109
MRN23012	MM05568	249	250	0.39	0.12	386	47.8	58
MRN23012	MM05569	250	251	2.78	0.09	58.5	937	41
MRN23012	MM05570	251	252	0.8	0.11	843	176	101
MRN23012	MM05571	252	253	0.28	0.06	95.3	180.5	27
MRN23012	MM05572	253	254	0.4	0.03	182	263	15
MRN23012	MM05573	254	255	0.06	0.01	132	36.4	8
MRN23012	MM05574	255	256	0.06	0.01	138.5	22.8	7
MRN23012	MM05576	256	257	0.03	0.01	113.5	28.8	7
MRN23012	MM05577	257	257.48	5.05	4.28	12300	69	26
MRN23012	MM05578	257.48	258	0.06	0.11	160	45.4	18
MRN23012	MM05579	258	259	0.44	0.02	429	210	53
MRN23012	MM05580	259	260	0.68	0.1	1835	66.5	22
MRN23012	MM05581	260	261	1.68	0.12	3080	38.3	6
MRN23012	MM05582	261	262	1.3	0.12	1890	84.8	30
MRN23012	MM05583	262	263	1.08	0.11	1390	124	16
MRN23012	MM05584	263	264	2.44	1.43	3570	54.6	15
MRN23012	MM05585	264	265	1.6	0.21	2600	102.5	41
MRN23012	MM05586	265	266	3.01	0.23	5160	1170	41
MRN23012	MM05588	266	267	1.33	0.04	1670	737	52
MRN23012	MM05589	267	268	10.65	0.02	947	4150	98
MRN23012	MM05590	268	269	7.57	0.07	972	3240	84
MRN23012	MM05591	269	270	16.1	0.06	687	2250	61
MRN23012	MM05592	270	271	7.04	0.05	402	384	227
MRN23012	MM05593	271	272	3.3	0.12	319	490	185
MRN23012	MM05594	272	273	4.82	0.03	1870	216	94
MRN23012	MM05595	273	274	5.51	0.15	390	172.5	135
MRN23012	MM05596	274	275	2.35	0.16	939	207	153
MRN23012	MM05597	275	276	2.22	0.35	302	228	60

MRN23012	MM05598	276	277	2.25	0.03	145.5	155	117
MRN23012	MM05599	277	278	4.01	0.06	530	120	85
MRN23012	MM05601	278	279	15.05	0.39	3260	122	215
MRN23012	MM05602	279	280	5.46	0.71	1725	134	207
MRN23012	MM05603	280	281	4.09	0.27	1030	87	178
MRN23012	MM05604	281	282	3.65	0.27	437	74.3	118
MRN23012	MM05606	282	283	4.97	0.22	413	33.5	92
MRN23012	MM05607	283	284	3.24	0.08	4120	170.5	52
MRN23012	MM05608	284	285	3.1	0.26	2610	101.5	69
MRN23012	MM05609	285	286	4.35	0.49	3060	70.1	64
MRN23012	MM05610	286	287	0.43	0.05	1000	54.6	71
MRN23012	MM05611	287	288	1.2	0.06	1610	202	91
MRN23012	MM05613	288	289	0.76	0.04	1535	110	58
MRN23012	MM05614	289	290	1.36	0.18	2640	182.5	65
MRN23012	MM05615	290	291	2.51	0.11	2230	142.5	101
MRN23012	MM05616	291	292	2.46	0.27	3850	68.8	348
MRN23012	MM05617	292	293	0.33	0.03	774	28.3	51
MRN23012	MM05618	293	294	0.2	0.03	484	21.6	11
MRN23012	MM05619	294	295	0.61	0.06	1125	32.4	130
MRN23012	MM05620	295	296	0.44	0.08	280	45.4	46
MRN23012	MM05621	296	297	1.78	0.06	924	32	62
MRN23012	MM05622	297	298	0.85	0.06	1880	28.7	15
MRN23012	MM05623	298	299	1.44	0.27	503	49.4	45
MRN23012	MM05624	299	300	0.36	0.06	816	20.8	14
MRN23012	MM05626	300	301	0.19	0.01	462	24.2	14
MRN23012	MM05627	301	302	0.61	0.03	748	42.2	56
MRN23012	MM05628	302	303	0.78	0.04	443	87	15
MRN23012	MM05629	303	304	0.8	0.04	1135	59.3	12
MRN23012	MM05630	304	305	0.31	0.02	377	61.2	8
MRN23012	MM05631	305	306	0.52	0.03	673	43.7	6
MRN23012	MM05632	306	307	0.41	0.02	313	60.4	7
MRN23012	MM05633	307	308	1.11	0.05	811	63.5	19
MRN23012	MM05634	308	309	0.35	0.02	470	31.7	6
MRN23012	MM05635	309	310	0.19	0.01	166.5	45.5	6
MRN23012	MM05636	310	311	1.1	0.01	441	119.5	10
MRN23012	MM05638	311	312	0.72	0.01	257	119.5	12
MRN23012	MM05639	312	313	0.71	0.01	325	84.1	12
MRN23012	MM05640	313	314	0.54	0.01	394	87.7	21
MRN23012	MM05641	314	315	0.89	0.01	630	176	64
MRN23012	MM05642	315	315.72	1.86	0.01	1370	219	85
MRN23012	MM05643	315.72	317	1.48	0.02	554	259	82
MRN23012	MM05644	317	318.12	2.36	0.04	2050	201	118
MRN23012	MM05645	318.12	319	1.89	0.05	2130	145	168
MRN23012	MM05646	319	319.75	3.9	0.06	5950	118	85

MRN23012	MM05647	319.75	320.44	1.44	0.02	789	263	32
MRN23012	MM05648	320.44	321	3.43	0.07	2080	285	44
MRN23012	MM05649	321	322	7.61	0.06	1230	720	106
MRN23012	MM05651	322	323	103	0.11	2390	97000	214
MRN23012	MM05652	323	323.5	181	0.3	129.5	256000	30
MRN23012	MM05653	323.5	324.47	0.77	0.005	372	669	173
MRN23012	MM05654	324.47	325.12	6.78	0.01	501	3130	37
MRN23012	MM05655	325.12	326.21	3.85	0.01	35.5	1340	39
MRN23012	MM05656	326.21	327	0.87	0.005	26.2	268	12
MRN23012	MM05657	327	327.75	3.58	0.01	54.5	817	34
MRN23012	MM05658	327.75	328.77	6.27	0.01	74.6	1795	114
MRN23012	MM05659	328.77	330	2.84	0.005	9.6	691	13
MRN23012	MM05660	330	331.04	1.3	0.005	36.8	334	8
MRN23012	MM05661	331.04	332	1.24	0.02	18.8	292	22
MRN23012	MM05663	332	333	0.12	0.005	21.2	53.5	25
MRN23012	MM05664	333	334	0.12	0.005	54	69.3	26
MRN23012	MM05665	334	335	0.2	0.005	30.2	166.5	31
MRN23012	MM05666	335	336	165	0.04	24.2	76200	21
MRN23012	MM05667	336	337	0.4	0.005	85.1	496	41
MRN23012	MM05668	337	338	0.27	0.005	39.3	300	23
MRN23012	MM05669	338	339	1.78	0.005	67.6	810	20
MRN23012	MM05670	339	340	0.23	0.005	22.5	294	14
MRN23012	MM05671	340	341	0.32	0.005	32.2	376	12
MRN23012	MM05672	341	341.95	1.49	0.005	29.6	911	11
MRN23012	MM05673	341.95	343	1.88	0.04	248	394	24
MRN23012	MM05674	343	343.9	0.1	0.005	74.5	72.1	9
MRN23012	MM05676	343.9	345	0.56	0.01	289	195.5	11
MRN23012	MM05677	345	346	7.14	0.02	353	2360	11
MRN23012	MM05678	346	347	0.77	0.02	1370	105.5	15
MRN23012	MM05679	347	348	1.45	0.01	2170	169	56
MRN23012	MM05680	348	349	0.51	0.005	148.5	339	131
MRN23012	MM05681	349	350	0.12	0.005	29.5	185	73
MRN23012	MM05682	350	351	0.15	0.005	22.3	143.5	104
MRN23012	MM05683	351	351.85	0.24	0.005	54.5	197	69
MRN23012	MM05684	351.85	352.35	3.23	0.01	415	455	109
MRN23012	MM05685	361	362	0.47	0.005	189.5	188.5	77
MRN23012	MM05686	362	363	0.1	0.005	11.4	120.5	58
MRN23012	MM05688	363	364	0.09	0.005	9.7	100.5	49
MRN23012	MM05689	364	365	0.13	0.005	26.2	164	65
MRN23012	MM05690	365	366	0.1	0.005	20.2	202	53
MRN23012	MM05691	366	367	0.72	0.005	44.7	401	54
MRN23012	MM05692	367	368	0.57	0.005	88.1	375	48
MRN23012	MM05693	368	369	0.11	0.005	26.6	138.5	18
MRN23012	MM05694	369	370	0.59	0.01	992	84.5	50

MRN23012	MM05695	370	371	0.93	0.005	1835	72	84
MRN23012	MM05696	371	372	1.76	0.005	478	1020	47
MRN23012	MM05697	372	373.13	0.07	0.005	113	181.5	76
MRN23012	MM05698	373.13	374	356	0.24	210	168500	251
MRN23012	MM05699	374	374.87	284	0.04	368	128000	98
MRN23012	MM05701	374.87	376.1	62.6	0.02	639	27300	149
MRN23012	MM05702	376.1	377.2	51	0.01	438	19800	131
MRN23012	MM05703	377.2	378	1.14	0.005	1010	386	57
MRN23012	MM05704	378	379	0.55	0.005	674	127	25
MRN23012	MM05705	379	380	99	0.07	452	66700	3510
MRN23012	MM05706	380	381	46.1	0.01	91.1	45800	2000
MRN23012	MM05707	381	382	29.3	0.01	248	32400	680
MRN23012	MM05708	382	383	17.75	0.01	270	26000	30
MRN23012	MM05709	383	384	51.9	0.01	26.4	36800	122
MRN23012	MM05710	384	385	337	0.02	77.9	36100	38
MRN23012	MM05711	385	386	113	0.01	91.6	41700	25
MRN23012	MM05713	386	387	135	0.02	21.2	32000	32
MRN23012	MM05714	387	388	216	0.02	44.3	89700	24
MRN23012	MM05715	388	389	71.4	0.02	370	38900	265
MRN23012	MM05716	389	390	27.9	0.01	517	13400	2380
MRN23012	MM05717	390	391	36.4	0.02	281	14800	97
MRN23012	MM05718	391	392	1.36	0.005	192	223	16
MRN23012	MM05719	392	393	0.43	0.01	55.4	179	37
MRN23012	MM05720	393	394	0.39	0.02	15.7	233	51
MRN23012	MM05721	394	394.5	0.38	0.01	11.2	421	119
MRN23012	MM05722	394.5	395.9	5.49	0.01	468	1210	157
MRN23012	MM05723	395.9	397	0.11	0.005	4.5	109.5	62
MRN23012	MM05724	397	398	0.21	0.01	2.6	126.5	67
MRN23012	MM05726	398	399	0.09	0.01	4.3	115.5	39
MRN23012	MM05727	399	400	0.17	0.01	2.7	150	42
MRN23012	MM05728	400	401	0.13	0.01	6.9	122	40
MRN23012	MM05729	401	402	0.04	0.01	3.6	65.9	38
MRN23012	MM05730	402	403	0.04	0.01	4.7	93.4	79
MRN23012	MM05731	403	404	0.51	0.02	156.5	93.8	404
MRN23012	MM05732	404	405	32.9	0.04	122.5	12850	649
MRN23012	MM05733	405	406	48.6	0.03	113.5	18400	699
MRN23012	MM05734	406	407	75.4	0.07	108.5	28900	706
MRN23012	MM05735	407	408	121	0.05	70.1	47700	702
MRN23012	MM05736	408	408.95	149	0.24	11.3	54600	507
MRN23012	MM05738	408.95	410	0.43	0.01	5.3	459	98
MRN23012	MM05739	418	419	0.46	0.01	2.2	377	49
MRN23012	MM05740	429	430	0.06	0.01	11.4	21.3	62
MRN23012	MM05741	439	440	0.27	0.02	54.6	53.7	58
MRN23012	MM05742	443	444	0.19	0.01	24.7	38.2	118

MRN23012	MM05743	444	445	0.66	0.02	104	25.3	112
MRN23012	MM05744	445	446	0.98	0.11	197	18.5	90
MRN23012	MM05745	446	447	0.32	0.02	115.5	30.8	126
MRN23012	MM05746	447	448	2.24	0.07	1000	36.3	84
MRN23012	MM05747	449	450	0.09	0.01	47.8	16.3	78
MRN23012	MM05748	459	460	0.02	0.005	13.8	15.4	57
MRN23013	MM05749	100	101	0.42	0.005	12.7	130.5	158
MRN23013	MM05751	105	106	0.4	0.01	646	51.6	45
MRN23013	MM05752	106	107	0.09	0.005	133.5	128.5	34
MRN23013	MM05753	107	108	0.59	0.03	924	107	75
MRN23013	MM05754	108	109	0.21	0.01	308	85.8	62
MRN23013	MM05755	109	110	1.26	0.03	1395	53.2	41
MRN23013	MM05756	110	111	2.83	0.17	3610	144.5	147
MRN23013	MM05757	114	115	1.34	0.03	2040	60.6	59
MRN23013	MM05758	115	116	0.52	0.01	810	36.9	34
MRN23013	MM05759	116	117	2.1	0.22	3440	20.4	39
MRN23013	MM05760	117	118	0.34	0.01	242	16.2	34
MRN23013	MM05761	118	119	0.2	0.01	259	32.1	75
MRN23013	MM05763	119	120	0.16	0.005	31.7	288	256
MRN23013	MM05764	130	131	1.06	0.005	8.9	332	126
MRN23013	MM05765	140	141	0.89	0.005	5.4	171.5	171
MRN23013	MM05766	150	151	0.28	0.01	32.3	185.5	55
MRN23013	MM05767	154	155	14.55	0.4	3160	59.2	36
MRN23013	MM05768	155	156	1.26	0.45	1495	22.5	17
MRN23013	MM05769	159	160	1.14	0.21	2700	47.3	16
MRN23013	MM05770	160	161	0.26	0.005	156	40.5	13
MRN23013	MM05771	161	162	0.18	0.03	126	32.8	10
MRN23013	MM05772	162	163	0.21	0.01	166	44.7	6
MRN23013	MM05773	163	164	0.24	0.05	331	69.7	7
MRN23013	MM05774	164	165	0.66	0.03	642	113.5	7
MRN23013	MM05776	169	170	1.19	0.05	819	244	12
MRN23013	MM05777	170	171	0.54	0.05	316	308	12
MRN23013	MM05778	171	172	0.87	0.03	150.5	393	46
MRN23013	MM05779	172	173	0.35	0.03	309	55.1	11
MRN23013	MM05780	173	174	0.21	0.005	230	47.5	34
MRN23013	MM05781	174	175	0.22	0.04	554	22.5	73
MRN23013	MM05782	175	176	0.53	0.12	1235	34.5	54
MRN23013	MM05783	176	177	0.61	0.15	1380	50.1	100
MRN23013	MM05784	177	178	0.31	0.03	755	145.5	157
MRN23013	MM05785	178	179	36.6	0.02	978	863	1125
MRN23013	MM05786	179	180	5.98	0.08	1755	1185	159
MRN23013	MM05788	180	181	12.3	0.11	4190	1455	242
MRN23013	MM05789	181	182	23.7	0.1	1210	358	644
MRN23013	MM05790	182	183	9.47	0.15	817	279	294

MRN23013	MM05791	183	184	7.61	0.04	4290	232	320
MRN23013	MM05792	184	185	9.96	0.04	1175	694	334
MRN23013	MM05793	185	186	4.75	0.11	2390	627	543
MRN23013	MM05794	186	187	12.7	0.42	1035	288	595
MRN23013	MM05795	187	188	8.09	0.68	248	127.5	312
MRN23013	MM05796	188	189	7.8	0.21	2130	573	173
MRN23013	MM05797	189	190	5.52	0.03	542	203	351
MRN23013	MM05798	190	191	9.39	0.02	286	192.5	325
MRN23013	MM05799	191	192	81	0.59	15100	238	1700
MRN23013	MM05801	192	193	33.2	0.7	21700	1080	1415
MRN23013	MM05802	193	194	1.01	0.08	1320	171	253
MRN23013	MM05803	194	195	2.38	0.2	3530	199	413
MRN23013	MM05804	195	196.4	3.57	0.13	3780	2220	125
MRN23013	MM05805	196.4	197.45	7.2	0.53	6640	344	352
MRN23013	MM05806	197.45	198	13.05	0.33	2650	636	320
MRN23013	MM05807	198	199	186	2.93	58300	651	517
MRN23013	MM05808	199	200	1.69	0.04	305	1450	58
MRN23013	MM05809	200	201	5.21	0.06	151.5	7300	16
MRN23013	MM05810	201	202	27.5	0.03	280	22200	18
MRN23013	MM05811	202	203	39.3	0.02	147.5	23400	19
MRN23013	MM05813	203	204	11.45	0.01	65.8	8320	18
MRN23013	MM05814	204	205	36.4	0.04	560	32000	90
MRN23013	MM05815	205	206	22.9	0.03	269	12750	29
MRN23013	MM05816	206	207	3.02	0.01	192.5	864	19
MRN23013	MM05817	207	208	4.12	0.01	345	801	20
MRN23013	MM05818	208	209	8.24	0.33	3780	762	23
MRN23013	MM05819	209	210	3.23	0.38	2510	86.5	21
MRN23013	MM05820	210	211	1.36	0.05	826	79.6	11
MRN23013	MM05821	211	212	1.66	0.03	815	251	16
MRN23013	MM05822	212	213	3.66	0.16	2100	790	60
MRN23013	MM05823	213	214	4.19	0.07	1430	469	49
MRN23013	MM05824	214	215	18.8	0.05	1515	6360	2060
MRN23013	MM05826	215	216.1	18.05	0.03	2170	3190	1105
MRN23013	MM05828	216.1	217	12.65	0.05	2230	2060	134
MRN23013	MM05829	217	218.35	54.2	0.06	1220	16250	98
MRN23013	MM05830	218.35	219.2	24	0.01	37.6	12800	68
MRN23013	MM05831	219.2	220	0.18	0.005	24.3	207	35
MRN23013	MM05832	220	221	0.18	0.005	22.3	298	30
MRN23013	MM05833	221	222	0.17	0.005	11	172	53
MRN23013	MM05834	225	226	0.13	0.005	25.4	122	29
MRN23013	MM05835	228	229	0.08	0.005	8.8	121.5	28
MRN23013	MM05836	229	230	0.3	0.01	58.6	97.8	26
MRN23013	MM05838	230	231	2.15	0.1	2030	52.4	20
MRN23013	MM05839	231	232	0.43	0.005	313	46.4	13

MRN23013	MM05840	232	233	2.24	0.18	1790	87.5	34
MRN23013	MM05841	233	234	0.28	0.005	136	84.3	39
MRN23013	MM05842	234	235	0.18	0.005	32.7	148.5	112
MRN23013	MM05843	235	236.3	0.34	0.005	38.6	98	125
MRN23013	MM05844	236.3	237	0.47	0.005	34.9	142	145
MRN23013	MM05845	237	238	0.26	0.005	27.3	91.4	187
MRN23013	MM05846	238	239	0.64	0.005	35.2	210	100
MRN23013	MM05847	239	240	0.33	0.005	32.4	144	173
MRN23013	MM05848	244	245	0.14	0.005	22.6	60.3	83
MRN23013	MM05849	249	250	0.1	0.005	30.3	142.5	49
MRN23013	MM05851	254	255	0.59	0.005	44.4	283	472
MRN23013	MM05852	258	259	0.3	0.005	74.9	130	71
MRN23013	MM05853	259	260	0.18	0.005	46.8	95.2	36
MRN23013	MM05854	260	262.1	0.93	0.005	385	290	29
MRN23013	MM05855	262.1	263	30.1	0.07	478	13650	35
MRN23013	MM05856	263	264	0.81	0.005	663	159	56
MRN23013	MM05857	264	265	26.1	0.01	235	15100	862
MRN23013	MM05858	265	266.12	150	0.11	348	79500	2070
MRN23013	MM05859	266.12	267.4	9.39	0.005	69.9	6680	313
MRN23013	MM05860	267.4	268	11.4	0.02	76.9	4640	197
MRN23013	MM05861	268	269	72.3	0.02	18.8	48700	103
MRN23013	MM05863	269	269.44	16.05	0.02	23.3	13150	298
MRN23013	MM05864	269.44	270	0.7	0.005	81.9	402	291
MRN23013	MM05865	270	271	35.4	0.01	26.5	21100	112
MRN23013	MM05866	271	272	63.9	0.02	90	63500	87
MRN23013	MM05867	272	273	84	0.02	97.7	75600	41
MRN23013	MM05868	273	274	54.9	0.01	293	43900	681
MRN23013	MM05869	274	274.6	43.9	0.02	769	34200	4740
MRN23013	MM05870	274.6	275.4	3.71	0.005	90.1	2530	84
MRN23013	MM05871	275.4	276	53.9	0.02	44.8	49200	34
MRN23013	MM05872	276	277	76.1	0.02	26.5	62800	18
MRN23013	MM05873	277	278	93	0.06	222	71900	82
MRN23013	MM05874	278	279	107	0.03	100	66400	341
MRN23013	MM05876	279	280	98	0.01	128	24600	922
MRN23013	MM05877	280	281	241	0.04	151.5	40300	139
MRN23013	MM05878	281	282	457	0.1	214	59300	101
MRN23013	MM05879	282	283	185	0.04	162.5	22100	48
MRN23013	MM05880	283	284	830	0.33	369	97900	138
MRN23013	MM05881	284	285	872	0.44	266	110000	247
MRN23013	MM05882	285	286.15	516	0.16	204	81900	350
MRN23013	MM05883	286.15	287	4.37	0.005	7.6	1130	103
MRN23013	MM05884	287	288	3.15	0.005	2.9	1025	38
MRN23013	MM05885	288	289	2.04	0.005	8.2	1325	49
MRN23013	MM05886	289	290	25.3	0.005	21.4	3020	39

MRN23013	MM05888	290	291	6.05	0.005	17.6	1980	67
MRN23013	MM05889	291	292	211	0.53	301	60400	439
MRN23013	MM05890	292	292.5	1.35	0.01	157.5	510	110
MRN23013	MM05891	292.5	293.6	3.13	0.005	60.3	1095	59
MRN23013	MM05892	293.6	294	1.74	0.005	145.5	445	484
MRN23013	MM05893	294	295	5.98	0.01	244	816	562
MRN23013	MM05894	295	296	2.25	0.01	717	297	537
MRN23013	MM05895	296	297	3.17	0.15	593	352	426
MRN23013	MM05896	297	298	16.5	0.98	599	975	420
MRN23013	MM05897	298	299	0.99	0.02	436	93.9	593
MRN23013	MM05898	299	300	2.58	0.03	360	342	526
MRN23013	MM05899	300	301	5.72	0.11	316	769	426
MRN23013	MM05901	301	301.65	4.59	0.04	444	1135	229
MRN23013	MM05902	301.65	303	0.14	0.01	7	163	47
MRN23013	MM05903	303	304	0.2	0.01	12.2	97.2	47
MRN23013	MM05904	304	305	0.22	0.01	7.1	141.5	40
MRN23013	MM05905	309	310.25	0.06	0.01	1.9	146	57
MRN23013	MM05906	310.25	311	0.16	0.01	60.8	95.2	71
MRN23013	MM05907	311	312	0.67	0.02	234	101	319
MRN23013	MM05908	312	313	3.53	0.07	211	389	413
MRN23013	MM05909	313	313.5	32.4	0.03	159	10400	348
MRN23013	MM05910	313.5	314.35	0.65	0.005	35.8	259	163
MRN23013	MM05911	314.35	315	114	0.04	12.4	42500	432
MRN23013	MM05913	315	315.7	92.4	0.09	32.2	34200	322
MRN23013	MM05914	315.7	317	0.47	0.01	13.1	370	136
MRN23013	MM05915	317	318	0.12	0.005	1.9	124.5	128
MRN23013	MM05916	318	319	0.24	0.01	2.3	237	99
MRN23013	MM05917	319	320	0.05	0.01	1.8	138.5	77
MRN23013	MM05918	325	326	0.12	0.005	3.8	82.1	68
MRN23013	MM05919	330	331	0.15	0.005	48.1	47.8	108
MRN23013	MM05920	340	341	0.03	0.01	1.3	34.8	42
MRN23013	MM05921	350	351	0.32	0.02	135	26.4	79
MRN23013	MM05922	360	361	0.05	0.01	21.8	21.4	151
MRN23013	MM05923	370	371	0.29	0.005	33.5	54.2	135
MRN23013	MM05924	380	381	0.02	0.005	0.8	69.6	73