



THIS ANNOUNCEMENT CONTAINS INSIDE INFORMATION FOR THE PURPOSES OF ARTICLE 7 OF THE MARKET ABUSE REGULATION (596/2014/EU) AS THE SAME HAS BEEN RETAINED IN UK LAW AS AMENDED BY THE MARKET ABUSE (AMENDMENT) (EU EXIT) REGULATIONS (SI 2019/310). UPON THE PUBLICATION OF THIS ANNOUNCEMENT, THIS INSIDE INFORMATION IS NOW CONSIDERED TO BE IN THE PUBLIC DOMAIN.

NOT FOR RELEASE, PUBLICATION OR DISTRIBUTION IN WHOLE OR IN PART, DIRECTLY OR INDIRECTLY IN, INTO OR FROM ANY JURISDICTION WHERE TO DO SO WOULD CONSTITUTE A VIOLATION OF THE RELEVANT LAWS OR REGULATIONS OF SUCH JURISDICTION

Trading Symbols
AIM: UFO
FWB: I3A1

8 April 2026

Alien Metals Limited
("Alien" or the "Company")
Munni Munni Historic Data Reveals Material Upside Potential

Alien Metals Limited (AIM: UFO), a minerals exploration and development company, is pleased to advise that its joint venture partner, GreenTech Metals Limited (ASX: GRE) ("GreenTech"), has announced an update on exploration activities at the Munni Munni Platinum-Palladium-Copper-Nickel Project in the West Pilbara region of Western Australia.

Highlights

- GreenTech has identified material upside potential not captured in the historic Mineral Resource Estimate (MRE) of 24Mt @ 2.9 g/t PGE₄ for 2.2Moz
- Identification of high-grade PGE zones (>4 g/t PGE₄) and under-recognised Cu + Ni mineralisation
- Eastern zones with shallow plunge from surface suggest potential for open-cut mining
- Key findings support an expanded re-estimation of the historic MRE1 and reporting in accordance with JORC (2012)
- GreenTech's maiden drilling and resampling programme concluded in March 2026 with results expected in mid-April 2026

The full text of the announcement issued by GreenTech Metals is provided below in Appendix A.

For further information, please visit the Company's website at www.alienmetals.uk or contact:

Alien Metals Limited
Bruce Garlick
Email: ir@alienmetals.uk

Strand Hanson (Financial and Nominated Adviser)

James Harris / James Dance / Edward

Foulkes

Tel: +44 (0) 207 409 3494

Zeus Capital Limited (Joint Broker)

Harry Ansell / Katy Mitchell

Tel +44 (0) 203 829 5000

Turner Pope (Joint Broker)

Andy Thacker / Guy McDougall

Tel: +44 (0) 203 657 0050

Yellow Jersey (Financial PR)

Charles Goodwin / Shivantha Thambirajah

Tel: +44 (0) 203 004 9512

Notes to Editors

Alien Metals Ltd is a mining exploration and development company listed on the AIM market of the London Stock Exchange (AIM: UFO). The Company follows a balanced strategy of advancing and strengthening its asset portfolio through targeted technical work and project development, while evaluating partnerships, joint ventures, and selective monetisation opportunities that are value-enhancing for shareholders. At the same time, Alien will continue to consider opportunities to expand our asset base through carefully selected acquisition opportunities which meet the Board's prudent criteria.

Alien's principal focus is the advancement and development of its 90%-owned Hancock Iron Ore Project in the central Pilbara region of Western Australia. The Hancock tenements contain a JORC-compliant resource of 8.4Mt at 60% Fe and offer significant exploration upside, which is targeted to deliver a mining operation of 2Mtpa for 10 years. The Project benefits from direct access to the Great Northern Highway, providing a route to export facilities at Port Hedland, one of the world's largest iron ore export hubs. Alien also holds exploration interests in the Brockman and Vivash iron ore projects in the West Pilbara.

Alien additionally retains exposure to two advanced precious and base metal assets in the Pilbara. At Munni Munni, one of Australia's largest PGM systems hosting a historic resource of 2.2Moz PGM (Palladium, Platinum, and Rhodium) and gold, the Company has completed its partial asset sale and joint venture transaction with GreenTech Metals Ltd, under which Alien has divested a 70% interest in the Munni Munni tenements to GreenTech and Alien will retain a 30% interest, free carried to the completion of a bankable feasibility study at Munni Munni. Alien (via wholly owned subsidiary A.C.N. 643 478 371 Pty Ltd) also retains a 30% interest in the Elizabeth Hill Silver Project through a joint venture with Crest, which encompasses the Elizabeth Hill Mining Lease M47/342, which has produced some of Australia's highest-grade silver ore during the late 1990s.

Competent Person's Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled or reviewed by Mr Thomas Reddicliffe, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Reddicliffe is a Technical Director of GreenTech Metals Ltd.

Mr Reddicliffe has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves', and a Specialist under the 2015 Edition of the 'Australasian Code for Public Reporting of technical assessments and valuations of mineral assets'.

Mr Reddicliffe consents to the inclusion in the report of the matters based on his information and in the form and context in which it appears.

Appendix A - ASX: GRE ANNOUNCEMENT

Munni Munni Historic Data Reveals Material Upside Potential

Highlights

- Ongoing review of historical Munni Munni data, comprising core and logs for 396 drill holes, has identified material upside potential not captured in the historic Mineral Resource Estimate (MRE)¹, including:
- High-grade PGE zones
- Under-recognised Cu + Ni mineralisation
- Eastern zones with shallow plunge from surface.
- Key findings support an expanded re-estimation of the historic MRE¹ and reporting in accordance with JORC (2012).
- GreenTech's maiden drilling and resampling programme concluded in March 2026 with results expected in mid-April.
- Resampling programme of the well-preserved historic Munni Munni drill core expanded to target high-grade extensions of Ferguson Reef.

GreenTech Metals Ltd (ASX: GRE) (GreenTech) is pleased to provide an update on exploration activities at the Munni Munni PGE-Cu-Ni Project (Munni Munni) located adjacent to the Company's advanced Whundo Cu-Zn-Au Project in the West Pilbara region of Western Australia. The Munni Munni acquisition was completed on 2 February 2026², and GreenTech's maiden drilling and resampling programme concluded in March 2026³.

This release includes analysis and interpretation of historical drilling results across Munni Munni. Detailed historical drill hole information and the relevant JORC Table 1 disclosures are included in the appendices of this release.

Chief Executive Officer, James Rattenbury, commented:

"Our ongoing interrogation of the historic database and drill logs has reinforced our conviction that historic exploration efforts, focused almost exclusively on the Ferguson Reef, have missed a compelling larger scale opportunity at Munni Munni.

"Our review to date highlights the potential for both repeats of PGE reef horizons within the Munni Munni intrusive and higher tenor Cu + Ni sulphide, including shallow zones, indicative of magmatic sulphide processes.

With assay results from our maiden programme due shortly, we look forward to validating historic data to support a re-estimated MRE, and designing an expanded exploration programme targeting the wider potential of this 225km² intrusive system using a multi-element geochemical suite that helps identify controlling factors on mineralisation."

¹ ASX Announcement Helix Resources Limited (ASX: HLX) 31 October 2002 - First Quarter Activities and Cashflow Report (Part B)

² GRE ASX Announcement 2 February 2026 - Munni Munni Acquisition Completed

³ GRE ASX Announcement 9 March 2026 - Drill Program Completed at Munni Munni PGE-Cu-Ni Project, WA

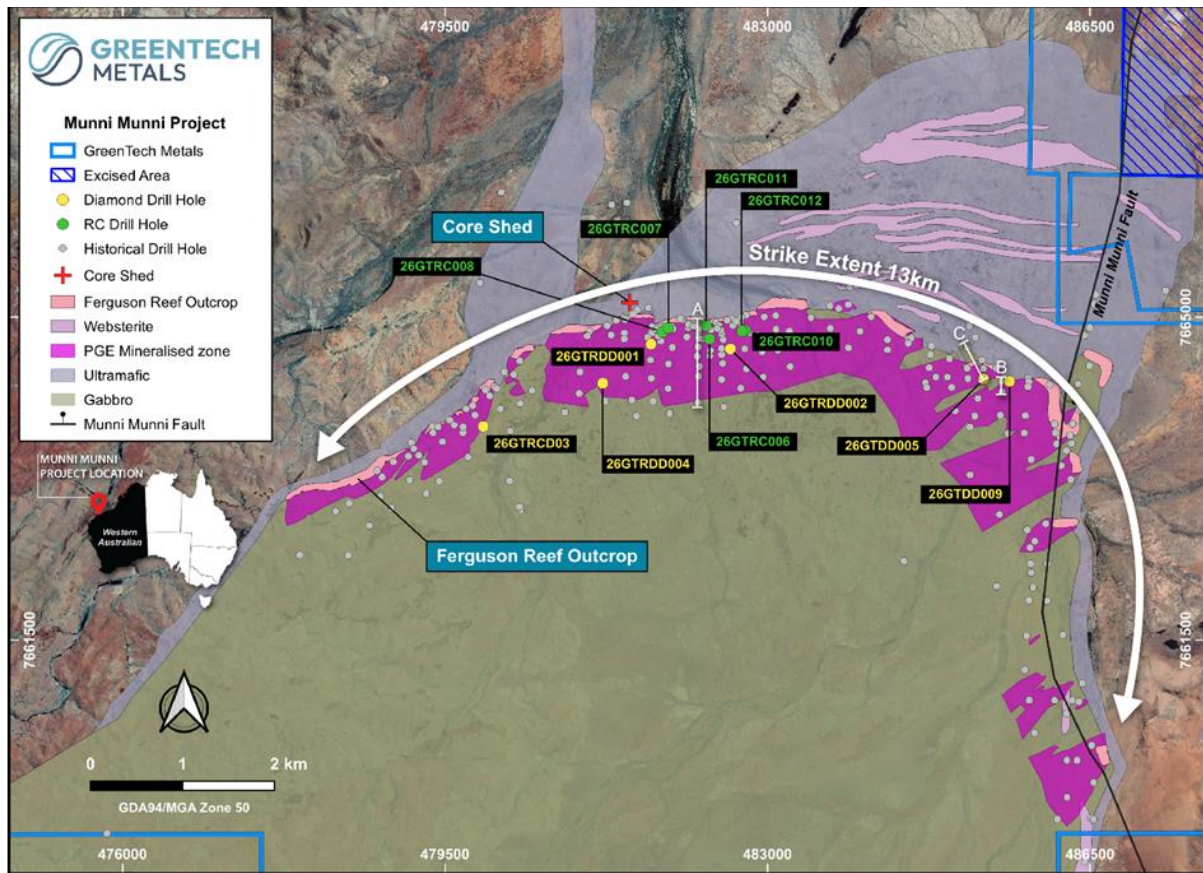


Figure 1: Map of Northern extent of Munni Munni intrusive and Ferguson Reef ^{4, 5}

Historical Data Review

GreenTech’s ongoing systematic review of the historical Munni Munni database, comprising 328 drill holes, and detailed interrogation of drill logs has identified material upside not captured in the historic Mineral Resource Estimate (MRE) of 24Mt @ 2.9g/t PGE⁴ for 2.2Moz (HLX, 2002)^{1, 7}.

Cautionary Statement- The estimates are historical estimates and are not reported in accordance with the JORC Code (2012); a competent person has not done sufficient work to classify the historical estimates as mineral resources or ore reserves in accordance with the JORC Code (2012); and it is uncertain that following evaluation and/or further exploration work that the historical estimates will be able to be reported as mineral resources or ore reserves in accordance with the JORC Code (2012).

Key findings of this work include:

- High-grade PGE zones identified: Multiple Ferguson Reef zones of +4g/t PGE⁴ have been identified in the historical data, with design of upcoming exploration programmes to include infill and extensional drilling targeting the areas with potential for reef thickening.
- Cu + Ni mineralisation under-recognised: Drill core inspection and drill log interrogation confirms that Cu + Ni mineralisation presents outside of PGE Reef zones. The historic MRE³ only includes Cu

4 GRE ASX Announcement 9 March 2026 – Drill Program Completed at Munni Munni PGE-Cu-Ni Project, WA

5 Refer to Appendix B historic drill hole locations

6 PGE⁴ = Pt + Pd + Rh + Au

7 GRE ASX Announcement 11 December 2025 -Acquisition of High Grade Munni Munni Project – Amendment

+ Ni within high-grade PGE reef domains (using a 1.9g/t PGE4 cut-off³), with limited assaying of sulphide zones above and below the reef horizon.

- Eastern zones with shallow plunge from surface: Review of drill logs in the shallow Eastern zones indicates Cu + Ni sulphide mineralisation is not constrained to the PGE Reef and is sitting in the gabbro hanging-wall units (including from surface), suggesting mineralisation will potentially be amenable to bulk open-cut mining

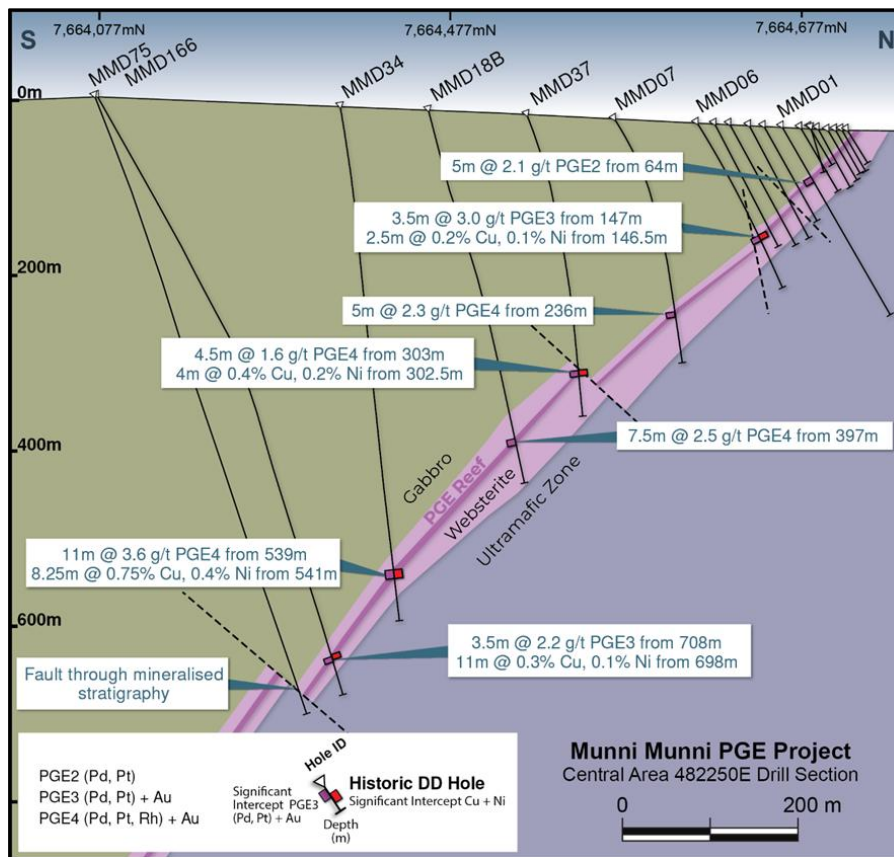


Figure 2: Section through central zone of Ferguson Reef including analysis from historic drill holes ⁸

Expanded Resampling Programme

GreenTech's resampling programme, undertaken for validation of the historic MRE¹, has demonstrated the potential upside of Munni Munni beyond the Ferguson Reef. To date, only 16 of the 162 historic diamond drill holes have been re-sampled as part of the Phase 1 programme now complete. As drill core has been extremely well preserved, future exploration work programmes at Munni Munni will include further resampling in addition to drilling to target high-grade extensions of mineralisation of the Ferguson Reef

⁸ Refer to Appendix B - drill hole details and JORC Table 1

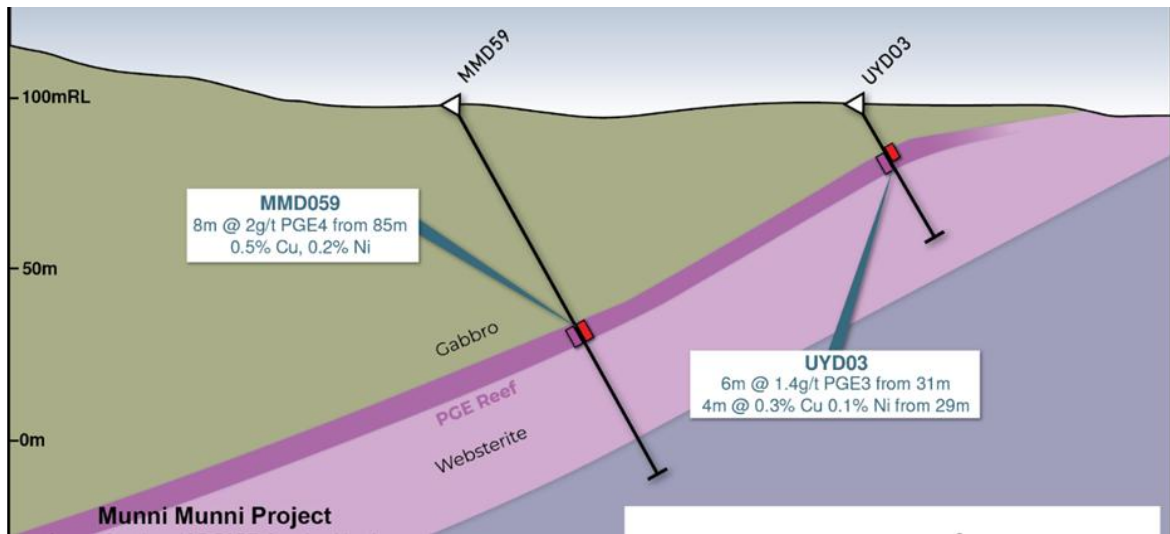


Figure 3 – Section through Eastern zone of Ferguson Reef – historic drill holes⁹

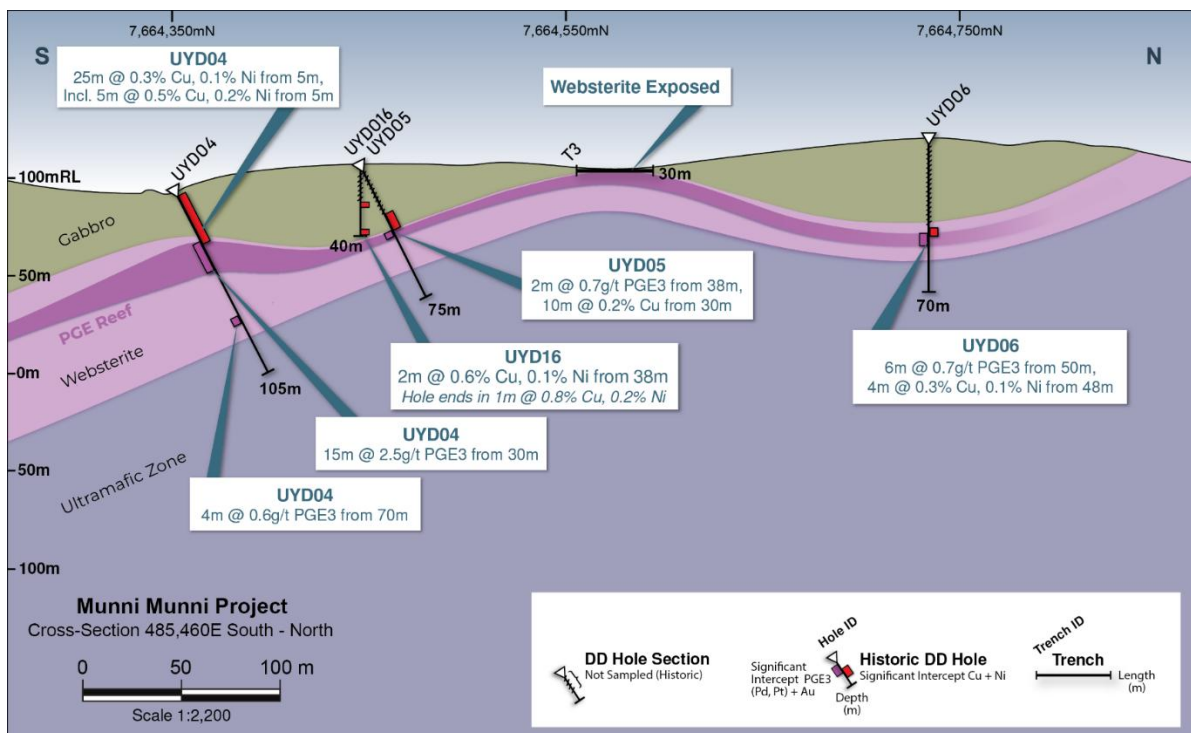


Figure 4 - Section highlighting Cu + Ni mineralisation outside of Ferguson Reef - historic drill holes¹⁰

These findings support an expanded re-estimation of the historic MRE3 following validation of historical information through the QA/QC programme required for JORC (2012) reporting. Assay results for the completed drilling and resampling programme are expected to be reported in mid-April 2026.

This announcement has been authorised for release by the Board of GreenTech Metals Limited.

For further information, please contact:

9 Refer to Appendix B - drill hole details and JORC Table 1

10 Refer to Appendix B - drill hole details and JORC Table 1

James Rattenbury
Chief Executive Officer
GreenTech Metals Limited
info@greentechmetals.com.au

Jason Mack
Investor Relations
White Noise Communications
jason@whitenoisecomms.com

Appendix A – Important Notices

Forward Looking Statements

Statements in this announcement which are not statements of historical facts, including but not limited to those relating to the proposed transaction, are forward-looking statements. These statements instead represent management's current expectations, estimates and projections regarding future events. Although management believes the expectations reflected in such forward-looking statements are reasonable, forward-looking statements are based on the opinions, assumptions and estimates of management at the date the statements are made and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking statements. Accordingly, investors are cautioned not to place undue reliance on such statements.

Competent Person Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information reviewed by Mr Thomas Reddicliffe, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Reddicliffe is a Non-Executive Director and Technical Consultant to GreenTech Metals Ltd. Mr Reddicliffe has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves', and a Specialist under the 2015 Edition of the 'Australasian Code for Public Reporting of technical assessments and valuations of mineral assets'. Mr Reddicliffe consents to the inclusion in the report of the matters based on his information and in the form and context in which it appears in this announcement.

Cautionary Statement – Historical Exploration Results

The historical results presented in this release include exploration results collected between approximately 1985-2021.

While drilling and assay QA/QC procedures generally match industry standard at the time the work was done, they are not consistent with current industry practice required to meet the 2012 JORC code for reporting of exploration results. As such these results are stated here to provide an indication of the exploration potential of the Munni Munni project tenements.

The estimates of the quantity and grade of mineralisation for the Munni Munni project tenements referred to in this announcement are "historical estimates" within the meaning of the ASX listing rules and are not reported in accordance with the JORC Code 2012.

GreenTech notes that a competent person has not done sufficient work to disclose the corresponding exploration results in accordance with the JORC Code 2012; it is uncertain that following evaluation and further exploration work that the historical estimates will be able to be reported as mineral resources in accordance with the JORC Code 2012; it is possible that following further evaluation and/or exploration work that the confidence in the prior reported exploration results may be reduced when reported under the JORC Code 2012; that nothing has come to the attention of GreenTech that questions the accuracy or reliability of the former owner's exploration results, but GreenTech is in the process of independently validating the previous owner's exploration results and therefore is not to be regarded as reporting, adopting or endorsing those results.

GreenTech will continue to review and validate the data to enable the results to be reported in accordance with the JORC Code 2012.

The levels of PGE (3E), Copper, Nickel reported from past activities, are a key factor in guiding GreenTech's exploration strategy. The previous activity, which produced these results, involved multiple rounds of drilling.

The results are considered to have been generated from work programs representing usual industry practice for the time they were collected and analysed at commercial laboratories which service the mineral exploration industry. In the professional opinion of the Competent Person, GreenTech has, however, done sufficient verification of the data, to provide sufficient confidence that drilling and assays were performed to adequate industry standards and is fit for the purpose of planning exploration programs and generating targets for further investigation.

The Competent Person named in this announcement has confirmed that the information in this announcement is an accurate representation of available data.

Appendix B

Table A: Drill Hole Details

Hole Id	Company	Datum	Easting_m	Northing_m	Elevation_m	End Depth_m	RC_m	Diamond_m	Dip Deg	Azimuth Deg
UYD 03	Legend	GDA94 z50	485545	7664306	108	56.9	0.0	56.9	60	0
UYD 04	Legend	GDA94 z50	485348	7664337	92	105.5	60.0	45.5	60	0
UYD 05	Legend	GDA94 z50	485346	7664441	102	75.8	36.0	39.8	60	0
UYD 06	Legend	GDA94 z50	485165	7664670	121	79.0	18.0	61.0	90	0
UYD 16	Legend	GDA94 z50	485346	7664440	102	40.0	0.0	40.0	90	0
MMD1	Hunter	GDA94 z50	482250	7664872	92	247	0	247	60	5
MMD6	Hunter	GDA94 z50	482251	7664772	99	215	113	102	60	0
MMD7	Hunter	GDA94 z50	482245	7664677	104	295	205	90	57	8
MMD18B	Hunter	GDA94 z50	482261	7664461	115	447	300	147	78	0
MMD34	Hunter	GDA94 z50	482250	7664358	120	601	262	339	80	357
MMD37	Hunter	GDA94 z50	482236	7664574	111	358	300	58	69	358
MMD59	Hunter	GDA94 z50	485545	7664189	109	136	51	85	60	17
MMD75	Helix	GDA94 z50	482245	7664074	131	757	0	757	67	358
MMD166	Helix	GDA94 z50	482246	7664077	131	754	325	429	60	0

Table B: Selected Sampled Drill Intersections Relevant to Drill Section Illustrations11

Hole Id	From_m	To_m	Interval_m	Au ppm	Pd ppm	Pt ppm	Rh ppm	PGE4	Cu ppm	Ni ppm	mid_x	mid_y	mid_z
UYD 03	28	29	1	0.001	0	0		0.001	483	292	485545	7664320	100.0
UYD 03	29	30	1	0.006	0	0		0.006	1507	408	485545	7664320	99.2
UYD 03	30	31	1	0.012	0.019	0.002		0.033	1701	534	485545	7664321	98.3
UYD 03	31	32	1	0.252	2.007	1.328		3.587	6332	1337	485545	7664321	97.4
UYD 03	32	33	1	0.071	0.764	0.123		0.958	1744	526	485545	7664322	96.6
UYD 03	33	34	1	0.033	0.494	0.061		0.588	1289	434	485545	7664322	95.7
UYD 03	34	35	1	0.042	0.578	0.089		0.709	453	308	485545	7664323	94.8
UYD 03	35	36	1	0.025	0.857	0.264		1.146	181	294	485545	7664323	94.0
UYD 03	36	37	1	0.015	0.747	0.497		1.259	148	351	485545	7664324	93.1
UYD 03	37	38	1	0.005	0.045	0.031		0.081	316	438	485545	7664324	92.2
UYD 03	38	39	1	0.003	0.019	0.011		0.033	171	336	485545	7664325	91.4
			0										
UYD 04	5	10	5	0.067	0.009	0.007		0.083	4852	1857	485348	7664341	92.8
UYD 04	10	15	5	0.134	0.004	0.004		0.142	2361	1163	485348	7664343	88.5
UYD 04	15	20	5	0.16	0.005	0.004		0.169	1826	1003	485348	7664346	84.1
UYD 04	20	25	5	0.166	0.006	0.004		0.176	1738	965	485348	7664348	79.8
UYD 04	25	30	5	0.581	0.823	0.742		2.146	2843	1300	485348	7664351	75.5
UYD 04	30	35	5	0.217	1.387	1.331		2.935	871	712	485348	7664353	71.1
UYD 04	35	40	5	0.055	1.511	0.998		2.564	264	542	485348	7664356	66.8
UYD 04	40	45	5	0.024	1.187	0.668		1.879	143	497	485348	7664358	62.5
UYD 04	45	50	5	0.141	0.003	0.004		0.148	1873	1110	485348	7664361	58.1

11 ns = not sampled, na = not analysed

UYD 04	50	55	5	0.084	0.002	0.003		0.089	1351	960	485348	7664363	53.8
UYD 04	55	60	5	0.007	0.002	0.002		0.011	1439	761	485348	7664366	49.5
UYD 04	60	71	11	ns	ns	ns		ns	ns	ns	485348	7664370	42.6
UYD 04	71	72	1	0.072	0.25	0.189		0.511	3882	934	485348	7664373	37.4
UYD 04	72	73	1	0.258	0.249	0.184		0.691	3545	913	485348	7664373	36.5
UYD 04	73	74	1	0.181	0.084	0.068		0.333	2000	530	485348	7664374	35.6
UYD 04	74	75	1	0.09	0.569	0.15		0.809	1882	614	485348	7664374	34.8
UYD 04	75	76	1	0.032	0.022	0.082		0.136	1068	455	485348	7664375	33.9
UYD 04	76	77	1	0.004	0.019	0.006		0.029	169	183	485348	7664375	33.0
UYD 05	36.9	37.9	1	0.022	0.006	0.005		0.033	717	440	485346	7664460	79.6
UYD 05	37.9	38.9	1	0.176	0.199	0.135		0.51	2784	670	485346	7664461	78.7
UYD 05	38.9	39.9	1	0.127	0.593	0.396		1.116	1208	508	485346	7664461	77.9
UYD 05	39.9	40.9	1	0.01	0.228	0.114		0.352	167	208	485346	7664462	77.0
UYD 05	40.9	41.9	1	0.006	0.043	0.024		0.073	142	194	485346	7664462	76.1
UYD 06	47.75	48.75	1	0.049	0.011	0.007		0.067	4316	1166	485165	7664670	97.8
UYD 06	48.75	49.75	1	0.061	0.046	0.047		0.154	1371	514	485165	7664670	96.8
UYD 06	49.75	50.75	1	0.137	0.164	0.089		0.39	2706	877	485165	7664670	95.8
UYD 06	50.75	51.75	1	0.333	1.444	0.603		2.38	4819	1709	485165	7664670	94.8
UYD 06	51.75	52.75	1	0.019	0.284	0.11		0.413	744	334	485165	7664670	93.8
UYD 06	52.75	53.75	1	0.023	0.133	0.039		0.195	738	381	485165	7664670	92.8
UYD 06	53.75	54.75	1	0.032	0.328	0.068		0.428	1109	463	485165	7664670	91.8
UYD 06	54.75	55.75	1	0.022	0.274	0.06		0.356	970	459	485165	7664670	90.8

UYD 06	55.75	56.75	1	0.011	0.109	0.028		0.148	228	276	485165	7664670	89.8
UYD 06	56.75	57.75	1	0.003	0.015	0.004		0.022	108	246	485165	7664670	88.8
UYD 16	17	18	1	0.015	0.009	0.008		0.032	1693	615	485346	7664440	94.4
UYD 16	18	19	1	0.008	0.01	0.009		0.027	1479	1195	485346	7664440	93.4
UYD 16	19	20	1	0.006	0.006	0.006		0.018	1382	506	485346	7664440	92.4
UYD 16	20	21	1	0	0.011	0.008		0.019	99	107	485346	7664440	91.4
UYD 16	21	22	1	0	0.014	0.013		0.027	153	92	485346	7664440	90.4
UYD 16	22	23	1	0.001	0.022	0.017		0.04	186	162	485346	7664440	89.4
UYD 16	23	24	1	0	0.019	0.016		0.035	203	217	485346	7664440	88.4
UYD 16	24	25	1	0	0.02	0.017		0.037	145	94	485346	7664440	87.4
UYD 16	25	26	1	0	0.014	0.013		0.027	92	75	485346	7664440	86.4
UYD 16	26	27	1	0.001	0.006	0.003		0.01	240	57	485346	7664440	85.4
UYD 16	27	28	1	na	na	na		na	123	34	485346	7664440	84.4
UYD 16	28	29	1	0	0.006	0.004		0.01	898	598	485346	7664440	83.4
UYD 16	29	30	1	0.001	0.013	0.008		0.022	757	680	485346	7664440	82.4
UYD 16	30	31	1	0	0.006	0.005		0.011	93	172	485346	7664440	81.4
UYD 16	31	32	1	0	0.003	0.003		0.006	88	327	485346	7664440	80.4
UYD 16	32	33	1	0	0.007	0.006		0.013	203	677	485346	7664440	79.4
UYD 16	33	34	1	0	0.005	0.004		0.009	270	806	485346	7664440	78.4
UYD 16	34	35	1	0	0.015	0.016		0.031	169	489	485346	7664440	77.4
UYD 16	35	36	1	0	0.009	0.011		0.02	304	475	485346	7664440	76.4
UYD 16	36	37	1	0	0.009	0.016		0.025	334	200	485346	7664440	75.4
UYD 16	37	38	1	0	0.03	0.027		0.057	990	174	485346	7664440	74.4

UYD 16	38	39	1	0.003	0.007	0.006		0.016	3310	991	485346	7664440	73.4
UYD 16	39	40	1	0.005	0.016	0.015		0.036	7757	1879	485346	7664440	72.4
MMD1	63.25	63.5	0.25		0.012	0.007		0.019	34	620	482253	7664903	40.8
MMD1	63.5	63.75	0.25		0.265	0.029		0.294	44	840	482253	7664904	40.6
MMD1	63.75	64	0.25		0.67	0.27		0.94	32	660	482253	7664904	40.4
MMD1	64	64.25	0.25		1.78	1.6		3.38	46	670	482253	7664904	40.2
MMD1	64.25	64.5	0.25		1.99	2.2		4.19	38	360	482253	7664904	40.0
MMD1	64.5	64.75	0.25		2.02	1.9		3.92	50	590	482253	7664904	39.7
MMD1	64.75	65	0.25		2.13	1.6		3.73	33	640	482253	7664904	39.5
MMD1	65	65.25	0.25		2.56	1.7		4.26	46	880	482253	7664904	39.3
MMD1	65.25	65.5	0.25		2.23	1.4		3.63	43	640	482253	7664904	39.1
MMD1	65.5	65.75	0.25		1.88	0.96		2.84	47	900	482253	7664905	38.9
MMD1	65.75	66	0.25		1.82	0.7		2.52	37	790	482253	7664905	38.7
MMD1	66	66.25	0.25		1.91	0.43		2.34	45	830	482253	7664905	38.4
MMD1	66.25	66.5	0.25		1.17	0.28		1.45	55	1600	482253	7664905	38.2
MMD1	66.5	66.75	0.25		1.73	0.31		2.04	42	910	482253	7664905	38.0
MMD1	66.75	67	0.25		0.6	0.087		0.687	40	700	482253	7664905	37.8
MMD1	67	67.25	0.25		0.195	0.042		0.237	47	660	482253	7664905	37.6
MMD1	67.25	67.5	0.25		0.73	0.12		0.85	45	740	482253	7664905	37.4
MMD1	67.5	67.75	0.25		1.43	0.2		1.63	35	610	482253	7664906	37.1
MMD1	67.75	68	0.25		1.39	0.22		1.61	44	700	482253	7664906	36.9
MMD1	68	68.25	0.25		0.72	0.11		0.83	41	700	482253	7664906	36.7
MMD1	68.25	68.5	0.25		0.73	0.085		0.815	40	630	482253	7664906	36.5

MMD1	68.5	68.75	0.25		0.68	0.14		0.82	42	650	482253	7664906	36.3
MMD1	68.75	69	0.25		0.85	0.29		1.14	54	760	482253	7664906	36.1
MMD1	69	69.25	0.25		0.017	0.016		0.033	37	690	482253	7664906	35.9
MMD6	146	146.5	0.5	0.12	0.072	0.055		0.247	710	510	482251	7664845	-21.2
MMD6	146.5	147	0.5	0.23	0.06	0.044		0.334	2320	880	482251	7664845	-21.6
MMD6	147	147.5	0.5	0.571	0.62	0.484		1.675	3100	1100	482251	7664846	-22.1
MMD6	147.5	148	0.5	0.349	0.167	0.102		0.618	1880	680	482251	7664846	-22.5
MMD6	148	148.25	0.25	0.743	2.192	2.086	0.058	5.079	2040	900	482251	7664846	-22.8
MMD6	148.25	148.5	0.25	0.725	1.596	1.59	0.054	3.965	2283	966	482251	7664846	-23.0
MMD6	148.5	148.75	0.25	0.143	1.858	1.938	0.109	4.048	2406	1019	482251	7664846	-23.2
MMD6	148.75	149	0.25	0.077	2.222	1.647	0.167	4.113	1309	745	482251	7664846	-23.5
MMD6	149	149.25	0.25	0.06	2.431	1.374	0.206	4.071	1317	745	482251	7664847	-23.7
MMD6	149.25	149.5	0.25	0.061	2.196	0.867	0.171	3.295	795	642	482251	7664847	-23.9
MMD6	149.5	149.75	0.25	0.33	2.715	0.655	0.109	3.809	896	648	482251	7664847	-24.1
MMD6	149.75	150	0.25	0.175	0.982	0.307	0.049	1.513	456	556	482251	7664847	-24.3
MMD6	150	150.25	0.25	0.146	2.22	0.446	0.095	2.907	392	523	482251	7664847	-24.5
MMD6	150.25	150.5	0.25	0.027	0.958	0.193	0.033	1.211	459	527	482251	7664847	-24.8
MMD6	150.5	151	0.5	0.039	0.366	0.1		0.505	347	501	482251	7664847	-25.1
MMD6	151	151.5	0.5	0.038	0.552	0.145		0.735	287	464	482251	7664848	-25.5
MMD6	151.5	152	0.5	0.02	0.069	0.035		0.124	343	480	482251	7664848	-25.9
MMD6	152	152.5	0.5	0.04	0.044	0.022		0.106	364	454	482251	7664848	-26.4
MMD6	152.5	153	0.5	0.02	0.04	0.015		0.075	313	482	482251	7664848	-26.8
MMD6	153	153.5	0.5	0	0.037	0.021		0.058	566	539	482251	7664849	-27.2

MMD7	235	235.5	0.5	0.205	0.014	0.01		0.229	1300	1110	482262	7664745	-108.0
MMD7	235.5	236	0.5	0.311	0.066	0.022		0.399	88	790	482262	7664745	-108.5
MMD7	236	236.5	0.5	0.61	0.619	0.471		1.7	50	820	482263	7664745	-109.0
MMD7	236.5	236.75	0.25	0.524	1.748	1.863	0.053	4.188	38	862	482263	7664746	-109.3
MMD7	236.75	237	0.25	0.28	1.837	2.031	0.076	4.224	62	834	482263	7664746	-109.6
MMD7	237	237.25	0.25	0.137	1.688	1.704	0.091	3.62	45	306	482263	7664746	-109.8
MMD7	237.25	237.5	0.25	0.072	1.78	1.488	0.124	3.464	47	281	482263	7664746	-110.1
MMD7	237.5	237.75	0.25	0.067	2.171	1.44	0.157	3.835	32	197	482263	7664746	-110.3
MMD7	237.75	238	0.25	0.044	2.007	1.298	0.177	3.526	8	297	482263	7664746	-110.6
MMD7	238	238.25	0.25	0.031	1.724	1.022	0.171	2.948	7	275	482263	7664746	-110.8
MMD7	238.25	238.5	0.25	0.028	1.917	0.769	0.14	2.854	24	828	482263	7664746	-111.1
MMD7	238.5	238.75	0.25	0.03	1.223	0.538	0.126	1.917	24	938	482263	7664746	-111.3
MMD7	238.75	239	0.25	0.043	0.856	0.357	0.093	1.349	42	956	482263	7664746	-111.5
MMD7	239	239.25	0.25	0.249	1.242	0.274	0.051	1.816	60	908	482263	7664746	-111.8
MMD7	239.25	239.5	0.25	0.121	0.596	0.132	0.027	0.876	98	914	482263	7664746	-112.0
MMD7	239.5	239.75	0.25	0.193	0.849	0.179	0.037	1.258	24	1240	482263	7664746	-112.3
MMD7	239.75	240	0.25	0.039	0.584	0.099	0.027	0.749	8	1370	482263	7664746	-112.5
MMD7	240	240.25	0.25	0.041	1.107	0.107	0.031	1.286	14	1400	482263	7664746	-112.8
MMD7	240.25	240.5	0.25	0.03	0.94	0.14	0.029	1.139	6	1380	482263	7664746	-113.0
MMD7	240.5	240.75	0.25	0.108	1.428	0.235	0.041	1.812	16	1230	482263	7664746	-113.3
MMD7	240.75	241	0.25	0.014	0.243	0.101	0.019	0.377	14	1120	482263	7664746	-113.5
MMD7	241	241.5	0.5	0.018	0.331	0.057		0.406	32	1330	482263	7664746	-113.9
MMD7	241.5	242	0.5	0.018	0.142	0.032		0.192	52	1440	482263	7664746	-114.4

MMD18B	396	396.5	0.5	0	0.007	0.003		0.01	206	96	482259	7664543	-252.7
MMD18B	396.5	397	0.5	0	0.013	0.006		0.019	203	87	482259	7664543	-253.2
MMD18B	397	397.25	0.25	0.11	1.037	0.867	0.089	2.103	197	116	482259	7664544	-253.6
MMD18B	397.25	397.5	0.25	0.21	1.823	1.112	0.2	3.345	202	84	482259	7664544	-253.8
MMD18B	397.5	397.75	0.25	0.066	2.476	1.418	0.27	4.23	189	120	482259	7664544	-254.0
MMD18B	397.75	398	0.25	0.143	0.783	0.458	0.061	1.445	177	71	482259	7664544	-254.3
MMD18B	398	398.25	0.25	0.21	1.299	0.879	0.082	2.47	207	137	482259	7664544	-254.5
MMD18B	398.25	398.5	0.25	0.3	1.552	1.102	0.126	3.08	183	100	482259	7664544	-254.8
MMD18B	398.5	398.75	0.25	0.122	0.763	0.469	0.051	1.405	202	90	482259	7664544	-255.0
MMD18B	398.75	399	0.25	0.127	0.802	0.559	0.052	1.54	175	85	482259	7664544	-255.3
MMD18B	399	399.25	0.25	0.096	0.524	0.352	0.034	1.006	187	88	482259	7664544	-255.5
MMD18B	399.25	399.5	0.25	0.143	0.712	0.488	0.048	1.391	181	85	482259	7664544	-255.8
MMD18B	399.5	399.75	0.25	0.082	0.363	0.315	0.028	0.788	188	83	482259	7664544	-256.0
MMD18B	399.75	400	0.25	0.162	0.692	0.495	0.043	1.392	213	93	482259	7664544	-256.2
MMD18B	400	400.25	0.25	0.263	1.321	0.901	0.084	2.569	161	78	482259	7664544	-256.5
MMD18B	400.25	400.5	0.25	0.392	1.724	1.251	0.101	3.468	195	89	482259	7664544	-256.7
MMD18B	400.5	400.75	0.25	0.288	1.368	0.954	0.088	2.698	182	131	482259	7664544	-257.0
MMD18B	400.75	401	0.25	0.077	0.338	0.232	0.019	0.666	204	161	482259	7664544	-257.2
MMD18B	401	401.25	0.25	0.091	0.485	0.317	0.027	0.92	212	135	482259	7664544	-257.5
MMD18B	401.25	401.5	0.25	0.161	0.789	0.616	0.06	1.626	341	136	482259	7664544	-257.7
MMD18B	401.5	401.75	0.25	0.191	0.937	0.642	0.059	1.829	370	166	482259	7664544	-258.0
MMD18B	401.75	402	0.25	0.101	0.58	0.327	0.033	1.041	622	556	482259	7664545	-258.2
MMD18B	402	402.25	0.25	0.195	0.89	0.624	0.058	1.767	4072	1252	482259	7664545	-258.4

MMD18B	402.25	402.5	0.25	0.427	2.392	1.618	0.15	4.587	218	207	482259	7664545	-258.7
MMD18B	402.5	402.75	0.25	0.543	3.191	2.244	0.212	6.19	200	213	482259	7664545	-258.9
MMD18B	402.75	403	0.25	0.534	2.629	1.912	0.174	5.249	194	149	482259	7664545	-259.2
MMD18B	403	403.25	0.25	0.429	2.218	1.518	0.149	4.314	367	442	482259	7664545	-259.4
MMD18B	403.25	403.5	0.25	0.384	2.284	1.578	0.15	4.396	1268	673	482259	7664545	-259.7
MMD18B	403.5	403.75	0.25	0.331	1.867	1.388	0.126	3.712	238	410	482259	7664545	-259.9
MMD18B	403.75	404	0.25	0.143	0.904	0.624	0.057	1.728	451	510	482259	7664545	-260.2
MMD18B	404	404.25	0.25	0.234	1.424	0.933	0.091	2.682	427	499	482259	7664545	-260.4
MMD18B	404.25	404.5	0.25	0.077	0.341	0.243	0.024	0.685	734	569	482259	7664545	-260.7
MMD18B	404.5	405	0.5	0	0.022	0.01		0.032	203	120	482259	7664545	-261.0
MMD34	538.5	539	0.5	0.007	0.004	0.002		0.013	235	406	482242	7664414	-393.1
MMD34	539	539.5	0.5	0.022	0.973	0.633		1.628	479	441	482242	7664414	-393.6
MMD34	539.5	540	0.5	0.015	1.078	0.681		1.774	836	932	482242	7664414	-394.1
MMD34	540	540.5	0.5	0.008	0.842	0.537		1.387	1298	811	482242	7664414	-394.6
MMD34	540.5	541	0.5	0.006	0.769	0.472		1.247	1796	973	482242	7664414	-395.1
MMD34	541	541.5	0.5	0.007	0.236	0.254		0.497	3097	1597	482242	7664414	-395.6
MMD34	541.5	542	0.5	0.064	0.364	0.179		0.607	5032	2359	482242	7664414	-396.1
MMD34	542	542.5	0.5	0.054	0.273	0.125		0.452	7829	3000	482242	7664414	-396.6
MMD34	542.5	542.75	0.25	0.094	0.504	0.203	0.02	0.821	9241	3535	482242	7664414	-397.0
MMD34	542.75	543	0.25	0.191	1.193	0.898	0.11	2.392	14727	4427	482242	7664414	-397.2
MMD34	543	543.25	0.25	0.326	1.645	1.066	0.132	3.169	12304	3406	482242	7664414	-397.5
MMD34	543.25	543.5	0.25	0.255	2.577	1.521	0.226	4.579	12180	3977	482242	7664414	-397.7
MMD34	543.5	543.75	0.25	0.354	2.474	1.756	0.208	4.792	6931	2810	482242	7664414	-398.0

MMD34	543.75	544	0.25	0.36	3.214	1.629	0.181	5.384	8917	4548	482242	7664414	-398.2
MMD34	544	544.25	0.25	0.49	2.237	1.439	0.18	4.346	9015	4824	482242	7664414	-398.5
MMD34	544.25	544.5	0.25	0.379	2.399	1.701	0.188	4.667	8165	4341	482242	7664414	-398.7
MMD34	544.5	544.75	0.25	0.379	2.257	1.399	0.15	4.185	8566	4439	482242	7664414	-399.0
MMD34	544.75	545	0.25	0.46	3.142	1.688	0.173	5.463	9026	4958	482242	7664414	-399.2
MMD34	545	545.25	0.25	0.609	3.5	1.64	0.176	5.925	6833	3485	482242	7664414	-399.4
MMD34	545.25	545.5	0.25	0.484	3.017	1.713	0.166	5.38	7907	3995	482242	7664415	-399.7
MMD34	545.5	545.75	0.25	0.851	3.106	1.813	0.173	5.943	7943	4505	482242	7664415	-399.9
MMD34	545.75	546	0.25	0.478	3.47	1.741	0.177	5.866	8109	5628	482242	7664415	-400.2
MMD34	546	546.25	0.25	0.421	2.355	1.331	0.132	4.239	6834	3954	482242	7664415	-400.4
MMD34	546.25	546.5	0.25	0.467	2.51	1.433	0.135	4.545	9832	4612	482242	7664415	-400.7
MMD34	546.5	546.75	0.25	0.455	2.931	1.681	0.164	5.231	7885	3928	482242	7664415	-400.9
MMD34	546.75	547	0.25	0.387	3.271	1.827	0.181	5.666	6828	4364	482242	7664415	-401.2
MMD34	547	547.25	0.25	0.518	2.491	1.674	0.16	4.843	8094	3607	482242	7664415	-401.4
MMD34	547.25	547.5	0.25	0.582	4.169	2.099	0.202	7.052	5971	3291	482242	7664415	-401.7
MMD34	547.5	547.75	0.25	0.611	2.838	1.469	0.149	5.067	5918	2452	482242	7664415	-401.9
MMD34	547.75	548	0.25	0.527	3.163	1.637	0.16	5.487	2544	889	482242	7664415	-402.2
MMD34	548	548.25	0.25	0.485	2.654	1.267	0.123	4.529	8722	2878	482242	7664415	-402.4
MMD34	548.25	548.5	0.25	0.421	2.82	1.224	0.121	4.586	7319	2472	482242	7664415	-402.7
MMD34	548.5	548.75	0.25	0.277	2.032	0.896	0.093	3.298	4623	1543	482242	7664415	-402.9
MMD34	548.75	549	0.25	0.075	0.302	0.197	0.022	0.596	3127	18828	482242	7664415	-403.2
MMD34	549	549.25	0.25	0.283	1.392	0.965	0.096	2.736	3701	2296	482242	7664415	-403.4
MMD34	549.25	549.5	0.25	0.672	1.893	0.615	0.062	3.242	1453	1678	482242	7664415	-403.7
MMD34	549.5	549.75	0.25	0.43	0.954	0.456	0.043	1.883	596	614	482242	7664415	-403.9

MMD34	549.75	550	0.25	0.174	1.153	0.498	0.052	1.877	1347	1036	482242	7664415	-404.2
MMD34	550	550.25	0.25	0.242	1.45	0.722	0.07	2.484	408	798	482242	7664415	-404.4
MMD34	550.25	550.5	0.25	0.122	0.652	0.282	0.028	1.084	332	673	482242	7664415	-404.7
MMD34	550.5	551	0.5	0.046	0.07	0.044		0.16	95	253	482242	7664415	-405.0
MMD34	551	551.5	0.5	0.092	0.359	0.217		0.668	85	181	482242	7664415	-405.5
MMD34	551.5	552	0.5	0.022	0.123	0.058		0.203	71	172	482242	7664415	-406.0
MMD34	552	552.5	0.5	0.014	0.041	0.015		0.07	69	218	482242	7664415	-406.5
MMD37	302.5	303	0.5	0	0.005	0.002		0.007	3072	1585	482231	7664634	-167.9
MMD37	303	303.5	0.5	0.111	0.712	0.318		1.141	2985	1142	482231	7664634	-168.4
MMD37	303.5	304	0.5	0.065	0.675	0.268		1.008	6370	2053	482231	7664634	-168.9
MMD37	304	304.25	0.25	0.048	1.085	0.565	0.046	1.744	4067	1586	482231	7664634	-169.3
MMD37	304.25	304.5	0.25	0.119	0.788	0.571	0.068	1.546	5920	2154	482231	7664634	-169.6
MMD37	304.5	304.75	0.25	0.097	0.586	0.345	0.065	1.093	5123	1833	482231	7664634	-169.8
MMD37	304.75	305	0.25	0.142	0.912	0.517	0.026	1.597	6896	1992	482231	7664634	-170.1
MMD37	305	305.25	0.25	0.129	0.779	0.577	0.039	1.524	2308	1527	482231	7664634	-170.3
MMD37	305.25	305.5	0.25	0.095	0.959	1.054	0.074	2.182	4573	1731	482231	7664634	-170.6
MMD37	305.5	305.75	0.25	0.168	1.237	1.157	0.051	2.613	4150	1344	482231	7664634	-170.8
MMD37	305.75	306	0.25	0.219	1.666	1.271	0.165	3.321	2094	1124	482231	7664634	-171.1
MMD37	306	306.25	0.25	0.082	0.79	0.584	0.065	1.521	2940	1482	482231	7664634	-171.3
MMD37	306.25	306.5	0.25	0.156	0.913	0.717	0.076	1.862	2660	1319	482231	7664634	-171.6
MMD37	306.5	306.75	0.25	0.205	0.646	0.375	0.038	1.264	1744	756	482231	7664634	-171.8
MMD37	306.75	307	0.25	0.158	0.507	0.32	0.025	1.01	1140	670	482231	7664634	-172.1
MMD37	307	307.25	0.25	0.041	0.671	0.269	0.023	1.004	193	321	482231	7664634	-172.3

MMD37	307.25	307.5	0.25	0.029	0.679	0.235	0.031	0.974	107	227	482231	7664634	-172.6
MMD37	307.5	308	0.5	0.025	0.236	0.075	0.007	0.343	101	191	482231	7664634	-172.9
MMD37	308	308.5	0.5	0.05	0.073	0.045		0.168	87	218	482231	7664634	-173.4
MMD37	308.5	309	0.5	0.02	0.023	0.016		0.059	60	207	482231	7664634	-173.9
MMD59	86.5	86.75	0.25	0.026	0.033	0.025	0.002	0.086	1565	843	485557	7664230	49.0
MMD59	86.75	87	0.25	0.155	0.263	0.137	0.013	0.568	6844	2799	485557	7664230	48.8
MMD59	87	87.25	0.25	0.696	0.598	0.311	0.014	1.619	7547	2479	485557	7664231	48.5
MMD59	87.25	87.5	0.25	0.307	0.382	0.176	0.01	0.875	1875	1004	485557	7664231	48.3
MMD59	87.5	87.75	0.25	0.104	0.125	0.088	0.005	0.322	367	576	485557	7664231	48.1
MMD59	87.75	88	0.25	0.84	1.191	0.898	0.057	2.986	226	530	485557	7664231	47.9
MMD59	88	88.25	0.25	0.671	1.045	0.868	0.028	2.612	173	496	485557	7664231	47.7
MMD59	88.25	88.5	0.25	0.272	0.56	0.315	0.012	1.159	305	497	485558	7664231	47.5
MMD59	88.5	88.75	0.25	0.03	0.692	0.224	0.016	0.962	6012	3390	485558	7664231	47.2
MMD59	88.75	89	0.25	0.02	0.559	0.241	0.017	0.837	9666	4001	485558	7664231	47.0
MMD59	89	89.25	0.25	0.015	0.54	0.332	0.018	0.905	8247	3606	485558	7664232	46.8
MMD59	89.25	89.5	0.25	0.026	0.465	0.549	0.028	1.068	8138	3283	485558	7664232	46.6
MMD59	89.5	89.75	0.25	0.52	1.497	1.101	0.096	3.214	8565	3260	485558	7664232	46.4
MMD59	89.75	90	0.25	0.823	2.108	1.486	0.102	4.519	8147	3607	485558	7664232	46.2
MMD59	90	90.25	0.25	0.729	1.85	1.084	0.086	3.749	6752	2729	485558	7664232	45.9
MMD59	90.25	90.75	0.5	0.977	1.564	1.018	0.07	3.629	4886	1806	485558	7664232	45.6
MMD59	90.75	91	0.25	0.624	1.664	1.241	0.085	3.614	5058	2679	485558	7664232	45.3
MMD59	91	91.25	0.25	0.963	1.598	1.139	0.089	3.789	5855	2348	485558	7664232	45.1
MMD59	91.25	91.5	0.25	1.068	1.89	1.157	0.072	4.187	6438	2775	485558	7664233	44.9

MMD59	91.5	91.75	0.25	0.785	1.047	0.816	0.052	2.7	5664	2458	485558	7664233	44.6
MMD59	91.75	92	0.25	0.633	1.342	0.906	0.092	2.973	1128	908	485558	7664233	44.4
MMD59	92	92.25	0.25	0.524	1.543	0.923	0.066	3.056	118	425	485558	7664233	44.2
MMD59	92.25	92.5	0.25	0.644	1.942	1.121	0.086	3.793	736	579	485558	7664233	44.0
MMD59	92.5	92.75	0.25	0.762	1.64	1.211	0.102	3.715	283	466	485558	7664233	43.8
MMD59	92.75	93	0.25	0.136	0.288	0.199	0.018	0.641	96	450	485558	7664233	43.6
MMD59	93	93.5	0.5	0.003	0.006	0.002		0.011	119	396	485558	7664233	43.2
MMD59	93.5	94	0.5	0.131	0.164	0.111		0.406	122	441	485558	7664234	42.8
MMD59	94	94.5	0.5	0.027	0.053	0.028		0.108	133	460	485558	7664234	42.4
MMD59	94.5	95	0.5	0.003	0.006	0.012		0.021	111	436	485558	7664234	41.9
MMD75	658	658.5	0.5	0.003	0.017	0.004		0.024	365	279	482239	7664287	-459.8
MMD75	658.5	659	0.5	0.008	0.063	0.01		0.081	351	248	482239	7664287	-460.3
MMD75	659	659.5	0.5	0.006	0.04	0.009		0.055	464	280	482239	7664287	-460.8
MMD75	659.5	660	0.5	0.009	0.037	0.016		0.062	1332	603	482239	7664288	-461.3
MMD75	660	660.5	0.5	0.002	0.002	0.001		0.005	212	196	482239	7664288	-461.7
MMD75	660.5	661	0.5	0.002	0.001	0		0.003	1049	564	482239	7664288	-462.2
MMD75	661	661.5	0.5	0.004	0.006	0.002		0.012	1343	585	482239	7664288	-462.7
MMD75	661.5	662	0.5	0.026	0.043	0.025		0.094	240	226	482239	7664288	-463.2
MMD75	662	662.5	0.5	0.004	0.002	0.001		0.007	528	328	482239	7664288	-463.6
MMD75	662.5	663	0.5	0.017	0.097	0.03		0.144	509	375	482239	7664289	-464.1
MMD75	663	663.5	0.5	0.01	0.074	0.024		0.108	201	275	482239	7664289	-464.6
MMD75	663.5	664	0.5	0.002	0.003	0.002		0.007	712	445	482239	7664289	-465.1
MMD75	664	664.5	0.5	0.005	0.034	0.009		0.048	108	184	482239	7664289	-465.5

MMD75	664.5	665	0.5	0.006	0.048	0.016		0.07	148	193	482239	7664289	-466.0
MMD75	665	665.5	0.5	0.002	0.007	0.002		0.011	219	213	482239	7664289	-466.5
MMD75	665.5	666	0.5	0.006	0.036	0.008		0.05	1394	558	482239	7664290	-466.9
MMD75	666	666.5	0.5	0.001	0.002	0		0.003	1690	627	482239	7664290	-467.4
MMD75	666.5	667	0.5	0.001	0.004	0.001		0.006	4781	1367	482239	7664290	-467.9
MMD75	667	667.5	0.5	0.003	0.002	0.001		0.006	559	359	482239	7664290	-468.4
MMD75	667.5	668	0.5	0.006	0.006	0.004		0.016	546	249	482239	7664290	-468.8
MMD75	668	668.5	0.5	0.006	0.005	0.004		0.015	745	361	482239	7664290	-469.3
MMD75	668.5	669	0.5	0.011	0.024	0.011		0.046	386	303	482239	7664291	-469.8
MMD75	669	669.5	0.5	0.003	0.009	0.003		0.015	459	284	482239	7664291	-470.3
MMD75	669.5	670	0.5	0.002	0.003	0.001		0.006	1933	678	482239	7664291	-470.7
MMD75	670	670.5	0.5	0.002	0.004	0.001		0.007	238	221	482239	7664291	-471.2
MMD75	670.5	671	0.5	0.002	0.01	0.002		0.014	454	320	482239	7664291	-471.7
MMD75	671	671.5	0.5	0.002	0.006	0.003		0.011	518	328	482239	7664291	-472.2
MMD75	671.5	672	0.5	0.01	0.012	0.005		0.027	430	331	482239	7664291	-472.6
MMD75	672	672.5	0.5	0.002	0	0		0.002	490	346	482239	7664292	-473.1
MMD75	672.5	673	0.5	0.002	0.003	0		0.005	447	371	482239	7664292	-473.6
MMD75	673	673.5	0.5	0.002	0.004	0.001		0.007	438	452	482239	7664292	-474.1
MMD75	673.5	674	0.5	0.002	0.004	0.001		0.007	584	384	482239	7664292	-474.5
MMD75	674	674.5	0.5	0.003	0.005	0.002		0.01	796	391	482239	7664292	-475.0
MMD75	674.5	675	0.5	0.002	0.005	0.002		0.009	252	238	482239	7664292	-475.5
MMD75	675	675.5	0.5	0.002	0.009	0.002		0.013	323	252	482239	7664293	-475.9
MMD75	675.5	676	0.5	0.004	0.005	0.002		0.011	773	400	482239	7664293	-476.4
MMD75	676	676.5	0.5	0.005	0.003	0.002		0.01	285	261	482239	7664293	-476.9

MMD75	676.5	677	0.5	0	0	0		0	223	230	482239	7664293	-477.4
MMD75	677	677.5	0.5	0.002	0.003	0		0.005	205	229	482239	7664293	-477.8
MMD75	677.5	678	0.5	0.008	0.009	0.007		0.024	243	263	482239	7664293	-478.3
MMD75	678	678.5	0.5	0.002	0	0		0.002	486	313	482239	7664294	-478.8
MMD75	678.5	679	0.5	0.001	0	0		0.001	999	495	482239	7664294	-479.3
MMD75	679	679.5	0.5	0.001	0	0		0.001	273	265	482239	7664294	-479.7
MMD75	679.5	680	0.5	0.002	0.002	0		0.004	205	179	482239	7664294	-480.2
MMD75	680	680.5	0.5	0.004	0.008	0.005		0.017	75	54	482239	7664294	-480.7
MMD75	680.5	681	0.5	0.014	0.015	0.01		0.039	235	232	482239	7664294	-481.2
MMD75	681	681.5	0.5	0.003	0.001	0		0.004	171	173	482239	7664295	-481.6
MMD75	681.5	682	0.5	0.001	0	0		0.001	278	252	482239	7664295	-482.1
MMD75	682	682.5	0.5	0	0.001	0		0.001	883	451	482239	7664295	-482.6
MMD75	682.5	683	0.5	0	0	0		0	985	494	482239	7664295	-483.1
MMD75	683	683.5	0.5	0.001	0	0		0.001	1362	581	482239	7664295	-483.5
MMD75	683.5	684	0.5	0.002	0	0		0.002	323	313	482239	7664295	-484.0
MMD75	684	684.5	0.5	0.011	0.014	0.008		0.033	278	284	482239	7664295	-484.5
MMD75	684.5	685	0.5	0.016	0.018	0.011		0.045	232	255	482239	7664296	-485.0
MMD75	685	685.5	0.5	0.022	0.023	0.015		0.06	209	237	482239	7664296	-485.4
MMD75	685.5	686	0.5	0.004	0.001	0		0.005	181	226	482239	7664296	-485.9
MMD75	686	686.5	0.5	0.002	0.001	0		0.003	183	235	482239	7664296	-486.4
MMD75	686.5	687	0.5	0.001	0.001	0		0.002	184	241	482239	7664296	-486.8
MMD75	687	687.5	0.5	0	0	0		0	183	244	482239	7664296	-487.3
MMD75	687.5	688	0.5	0	0	0		0	182	237	482239	7664297	-487.8
MMD75	688	688.5	0.5	0	0	0		0	181	240	482239	7664297	-488.3

MMD75	688.5	689	0.5	0	0	0		0	185	245	482239	7664297	-488.7
MMD75	689	689.5	0.5	0.001	0.001	0		0.002	280	270	482239	7664297	-489.2
MMD75	689.5	690	0.5	0	0	0		0	229	253	482239	7664297	-489.7
MMD75	690	691	1	0.002	0	0.001		0.003	193	237	482239	7664297	-490.4
MMD75	691	692	1	0.001	0	0		0.001	183	227	482239	7664298	-491.3
MMD75	692	693	1	0.001	0	0		0.001	188	223	482239	7664298	-492.3
MMD75	693	694	1	0	0	0		0	174	217	482239	7664298	-493.2
MMD75	694	695	1	0.001	0	0		0.001	294	190	482238	7664299	-494.2
MMD75	695	696	1	0	0	0		0	207	196	482238	7664299	-495.1
MMD75	696	697	1	0.001	0.001	0		0.002	140	200	482238	7664299	-496.1
MMD75	697	698	1	0	0	0		0	128	160	482238	7664300	-497.0
MMD75	698	698.5	0.5	0.001	0	0		0.001	162	149	482238	7664300	-497.7
MMD75	698.5	699	0.5	0	0	0		0	333	232	482238	7664300	-498.2
MMD75	699	699.5	0.5	0	0	0		0	144	167	482238	7664300	-498.7
MMD75	699.5	700	0.5	0	0	0		0	694	410	482238	7664300	-499.2
MMD75	700	700.5	0.5	0	0	0		0	543	351	482238	7664301	-499.6
MMD75	700.5	701	0.5	0.002	0.003	0.001		0.006	1736	932	482238	7664301	-500.1
MMD75	701	701.5	0.5	0	0	0		0	212	229	482238	7664301	-500.6
MMD75	701.5	702	0.5	0.003	0.002	0.001		0.006	296	284	482238	7664301	-501.1
MMD75	702	702.5	0.5	0.003	0.005	0.002		0.01	261	251	482238	7664301	-501.5
MMD75	702.5	703	0.5	0.016	0.108	0.023		0.147	257	259	482238	7664301	-502.0
MMD75	703	704	1	0.001	0	0		0.001	238	235	482238	7664302	-502.7
MMD75	704	705	1	0.001	0.002	0		0.003	535	320	482238	7664302	-503.7
MMD75	705	706	1	0	0	0		0	437	286	482238	7664302	-504.6

MMD75	706	707	1	0	0	0		0	426	296	482238	7664303	-505.6
MMD75	707	708	1	0.002	0.001	0		0.003	332	321	482238	7664303	-506.5
MMD75	708	709	1	0.002	0.001	0		0.003	254	343	482238	7664303	-507.5
MMD75	709	710	1	0.002	0.002	0		0.004	1041	557	482238	7664304	-508.4
MMD75	710	711	1	0.002	0.002	0		0.004	422	349	482238	7664304	-509.4
MMD75	711	712	1	0.002	0.003	0		0.005	1227	516	482238	7664304	-510.3
MMD75	712	712.5	0.5	0.002	0.003	0		0.005	233	188	482238	7664304	-511.0
MMD75	712.5	713	0.5	0.005	0.006	0.004		0.015	400	450	482238	7664305	-511.5
MMD75	713	713.5	0.5	0.004	0.005	0.001		0.01	181	191	482238	7664305	-512.0
MMD75	713.5	714	0.5	0.008	0.008	0.004		0.02	147	188	482238	7664305	-512.4
MMD75	714	714.5	0.5	0.002	0.004	0		0.006	361	364	482238	7664305	-512.9
MMD75	714.5	715	0.5	0.002	0.008	0.002		0.012	206	185	482238	7664305	-513.4
MMD75	715	715.5	0.5	0	0.005	0		0.005	339	289	482238	7664305	-513.8
MMD75	715.5	716	0.5	0.002	0.006	0.001		0.009	447	486	482238	7664306	-514.3
MMD75	716	716.5	0.5	0.002	0.016	0.003		0.021	584	391	482238	7664306	-514.8
MMD75	716.5	717	0.5	0.001	0.008	0.001		0.01	1535	634	482238	7664306	-515.3
MMD75	717	717.5	0.5	0.002	0.019	0.002		0.023	377	276	482238	7664306	-515.7
MMD75	717.5	718	0.5	0.003	0.024	0.003		0.03	366	267	482238	7664306	-516.2
MMD75	718	718.5	0.5	0.006	0.003	0		0.009	194	209	482238	7664306	-516.7
MMD75	718.5	719	0.5	0.013	0.01	0.004		0.027	246	281	482238	7664307	-517.2
MMD75	719	719.5	0.5	0.003	0	0		0.003	355	379	482238	7664307	-517.6
MMD75	719.5	720	0.5	0.003	0	0		0.003	610	492	482238	7664307	-518.1
MMD75	720	720.5	0.5	0.002	0	0		0.002	861	639	482238	7664307	-518.6
MMD75	720.5	721	0.5	0.002	0.001	0		0.003	736	617	482238	7664307	-519.1

MMD75	721	721.5	0.5	0.003	0	0		0.003	612	570	482238	7664307	-519.5
MMD75	721.5	722	0.5	0.005	0	0		0.005	542	552	482238	7664308	-520.0
MMD75	722	722.5	0.5	0.006	0	0		0.006	543	541	482238	7664308	-520.5
MMD75	722.5	723	0.5	0.007	0.001	0		0.008	471	429	482238	7664308	-520.9
MMD75	723	723.5	0.5	0.004	0	0		0.004	113	605	482238	7664308	-521.4
MMD75	723.5	724	0.5	0.004	0	0		0.004	2569	1257	482238	7664308	-521.9
MMD75	724	724.25	0.25	0.003	0	0		0.003	2502	1276	482238	7664308	-522.2
MMD75	724.25	724.5	0.25	0.003	0	0		0.003	1184	776	482238	7664308	-522.5
MMD75	724.5	724.75	0.25	0.013	0.002	0.002		0.017	785	556	482238	7664308	-522.7
MMD75	724.75	725	0.25	0.033	0.005	0.005		0.043	914	699	482238	7664309	-523.0
MMD75	725	725.25	0.25	0.038	0.005	0.004		0.047	931	690	482238	7664309	-523.2
MMD75	725.25	725.5	0.25	0.021	0.001	0		0.022	1028	759	482238	7664309	-523.4
MMD75	725.5	725.75	0.25	0.013	0	0		0.013	967	724	482238	7664309	-523.7
MMD75	725.75	726	0.25	0.017	0	0.002		0.019	1059	790	482238	7664309	-523.9
MMD75	726	726.25	0.25	0.018	0	0.001		0.019	1007	766	482238	7664309	-524.1
MMD75	726.25	726.5	0.25	0.021	0	0		0.021	2945	1338	482238	7664309	-524.4
MMD75	726.5	727	0.5	0.02	0	0		0.02	1475	896	482238	7664309	-524.7
MMD75	727	727.5	0.5	0.022	0.001	0		0.023	1671	951	482238	7664309	-525.2
MMD75	727.5	728	0.5	0.021	0	0		0.021	1082	773	482238	7664309	-525.7
MMD75	728	728.5	0.5	0.13	0.003	0.003		0.136			482238	7664310	-526.1
MMD75	728.5	729	0.5	0.071	0.003	0.002		0.076			482238	7664310	-526.6
MMD75	729	729.5	0.5	0.092	0.003	0.002		0.097			482238	7664310	-527.1
MMD75	729.5	730	0.5	0.076	0.003	0.002		0.081			482238	7664310	-527.6
MMD75	730	730.25	0.25	ns	ns	ns	na	ns			482238	7664310	-527.9

MMD75	730.25	730.5	0.25	ns	ns	ns	na	ns	606	801	482238	7664310	-528.2
MMD75	730.5	730.75	0.25	ns	ns	ns	na	ns			482238	7664310	-528.4
MMD75	730.75	731	0.25	ns	ns	ns	na	ns			482238	7664310	-528.6
MMD75	731	731.25	0.25	ns	ns	ns	na	ns			482238	7664311	-528.9
MMD75	731.25	731.5	0.25	0.015	0.058	0.023	na	0.096			482238	7664311	-529.1
MMD75	731.5	731.75	0.25	ns	ns	ns	na	ns	54	740	482238	7664311	-529.3
MMD75	731.75	732	0.25	ns	ns	ns	na	ns	60	1100	482238	7664311	-529.6
MMD75	732	732.25	0.25	ns	ns	ns	na	ns	4460	2440	482238	7664311	-529.8
MMD75	732.25	732.5	0.25	ns	ns	ns	na	ns	194	886	482238	7664311	-530.1
MMD75	732.5	737.85	5.35	ns	ns	ns	na	ns	272	206	482238	7664312	-532.7
MMD75	737.85	738.1	0.25	0	0.012	0.002		0.014	88	926	482238	7664313	-535.4
MMD75	738.1	738.35	0.25	0	0.004	0.004		0.008	806	1150	482238	7664313	-535.6
MMD75	738.35	738.6	0.25	0.13	0.295	0.144		0.569			482238	7664313	-535.8
MMD75	738.6	738.85	0.25	0.003	0.009	0.004		0.016			482238	7664313	-536.1
MMD75	738.85	739	0.15	0	0.002	0		0.002			482238	7664313	-536.3
MMD75	739	739.25	0.25	0.038	0.09	0.039		0.167			482238	7664313	-536.4
MMD75	739.25	757	17.75						272	244	482238	7664316	-545.0
MMD0166	697.75	698	0.25	0.006	0	0.002		0.008	638	608	482242	7664345	-479.3
MMD0166	698	698.25	0.25	0.007	0	0.003		0.01	2580	1220	482242	7664345	-479.5
MMD0166	698.25	698.5	0.25	0.033	0.003	0.005		0.041	2020	886	482242	7664345	-479.7
MMD0166	698.5	698.75	0.25	0.017	0.003	0.005		0.025	1620	910	482242	7664345	-480.0
MMD0166	698.75	699	0.25	0.018	0.002	0.004		0.024	1740	930	482242	7664345	-480.2
MMD0166	699	699.25	0.25	0.021	0.003	0.004		0.028	1540	920	482242	7664345	-480.5

MMD0166	699.25	699.5	0.25	0.016	0.002	0.004		0.022	1640	936	482242	7664345	-480.7
MMD0166	699.5	699.75	0.25	0.018	0.003	0.005		0.026	1770	996	482242	7664345	-480.9
MMD0166	699.75	700	0.25	0.021	0.003	0.007		0.031	1850	1000	482242	7664345	-481.2
MMD0166	700	700.25	0.25	0.024	0.003	0.005		0.032	3100	1360	482242	7664345	-481.4
MMD0166	700.25	700.5	0.25	0.038	0.006	0.007		0.051	2820	1350	482242	7664345	-481.7
MMD0166	700.5	700.75	0.25	0.042	0.007	0.007		0.056	4370	1700	482242	7664346	-481.9
MMD0166	700.75	701	0.25	0.067	0.011	0.008		0.086	1780	1010	482242	7664346	-482.1
MMD0166	701	701.25	0.25	0.031	0.005	0.009		0.045	1900	950	482242	7664346	-482.4
MMD0166	701.25	701.5	0.25	0.031	0.004	0.005		0.04	2070	1060	482242	7664346	-482.6
MMD0166	701.5	701.75	0.25	0.045	0.005	0.005		0.055	1040	750	482242	7664346	-482.9
MMD0166	701.75	702	0.25	0.028	0.002	0.003		0.033	5220	2170	482242	7664346	-483.1
MMD0166	702	702.25	0.25	0.16	0.012	0.009		0.181	3620	1490	482242	7664346	-483.3
MMD0166	702.25	702.5	0.25	0.12	0.006	0.006		0.132	1780	972	482242	7664346	-483.6
MMD0166	702.5	702.75	0.25	0.079	0.003	0.003		0.085	1660	898	482242	7664346	-483.8
MMD0166	702.75	703	0.25	0.068	0.003	0.004		0.075	1790	1010	482242	7664346	-484.0
MMD0166	703	703.25	0.25	0.049	0.003	0.003		0.055	2690	1230	482242	7664346	-484.3
MMD0166	703.25	703.5	0.25	0.06	0.004	0.004		0.068	4910	1810	482242	7664346	-484.5
MMD0166	703.5	703.75	0.25	0.103	0.006	0.006		0.115	9350	2880	482242	7664346	-484.8
MMD0166	703.75	704	0.25	0.252	0.009	0.012		0.273	6960	2440	482242	7664347	-485.0
MMD0166	704	704.25	0.25	0.17	0.009	0.014		0.193	5680	1930	482242	7664347	-485.2
MMD0166	704.25	704.5	0.25	0.318	0.035	0.033		0.386	2400	1130	482242	7664347	-485.5
MMD0166	704.5	704.75	0.25	0.125	0.007	0.009		0.141	1720	920	482242	7664347	-485.7
MMD0166	704.75	705	0.25	0.103	0.033	0.017		0.153	2990	1360	482242	7664347	-486.0
MMD0166	705	705.25	0.25	0.235	0.085	0.13		0.45	2010	1050	482242	7664347	-486.2

MMD0166	705.25	705.5	0.25	0.141	0.026	0.043		0.21	1770	972	482242	7664347	-486.4
MMD0166	705.5	705.75	0.25	0.113	0.004	0.006		0.123	1680	946	482242	7664347	-486.7
MMD0166	705.75	706	0.25	0.106	0.005	0.006		0.117	1670	942	482242	7664347	-486.9
MMD0166	706	706.25	0.25	0.115	0.004	0.004		0.123	1760	982	482242	7664347	-487.2
MMD0166	706.25	706.5	0.25	0.131	0.005	0.005		0.141	1750	986	482242	7664347	-487.4
MMD0166	706.5	706.75	0.25	0.13	0.006	0.005		0.141	1710	968	482242	7664347	-487.6
MMD0166	706.75	707	0.25	0.144	0.007	0.006		0.157	1810	994	482242	7664347	-487.9
MMD0166	707	707.25	0.25	0.169	0.017	0.008		0.194	1710	996	482242	7664347	-488.1
MMD0166	707.25	707.5	0.25	0.17	0.016	0.009		0.195	1710	972	482242	7664348	-488.4
MMD0166	707.5	707.75	0.25	0.161	0.013	0.008		0.182	1150	1010	482242	7664348	-488.6
MMD0166	707.75	708	0.25	0.107	0.042	0.02		0.169	1490	814	482242	7664348	-488.8
MMD0166	708	708.25	0.25	0.303	0.946	0.828		2.077	2250	1140	482242	7664348	-489.1
MMD0166	708.25	708.5	0.25	0.374	0.592	0.529		1.495	2380	1200	482242	7664348	-489.3
MMD0166	708.5	708.75	0.25	0.424	0.335	0.248		1.007	2520	1230	482242	7664348	-489.5
MMD0166	708.75	709	0.25	0.516	0.715	0.579		1.81	2480	1220	482242	7664348	-489.8
MMD0166	709	709.25	0.25	0.718	1.74	1.69		4.148	1180	854	482242	7664348	-490.0
MMD0166	709.25	709.5	0.25	0.301	1.4	1.37		3.071	494	622	482242	7664348	-490.3
MMD0166	709.5	709.75	0.25	0.119	1.55	1.39		3.059	220	554	482242	7664348	-490.5
MMD0166	709.75	710	0.25	0.052	1.41	1.01		2.472	150	530	482242	7664348	-490.7
MMD0166	710	710.25	0.25	0.033	1.72	0.922		2.675	106	522	482242	7664348	-491.0
MMD0166	710.25	710.5	0.25	0.027	1.65	0.73		2.407	76	522	482242	7664348	-491.2
MMD0166	710.5	710.75	0.25	0.017	1.24	0.669		1.926	66	508	482242	7664348	-491.5
MMD0166	710.75	711	0.25	0.014	1.28	0.523		1.817	58	516	482242	7664349	-491.7
MMD0166	711	711.25	0.25	0.009	0.926	0.235		1.17	60	522	482242	7664349	-491.9

MMD0166	711.25	711.5	0.25	0.013	0.895	0.21		1.118	56	506	482242	7664349	-492.2
MMD0166	711.5	711.75	0.25	0.009	0.605	0.121		0.735	74	490	482242	7664349	-492.4
MMD0166	711.75	712	0.25	0.016	0.48	0.08		0.576	74	510	482242	7664349	-492.7
MMD0166	712	712.25	0.25	0.015	0.17	0.083		0.268	52	464	482242	7664349	-492.9
MMD0166	712.25	712.5	0.25	0.007	0.052	0.032		0.091	52	442	482242	7664349	-493.1
MMD0166	712.5	712.75	0.25	0.003	0.032	0.015		0.05	38	464	482242	7664349	-493.4